



M-real is Europe's leading primary fibre paperboard producer and a major paper supplier. M-real offers its customers' innovative high-performance paperboards and papers for consumer packaging, communications and advertising end-uses.





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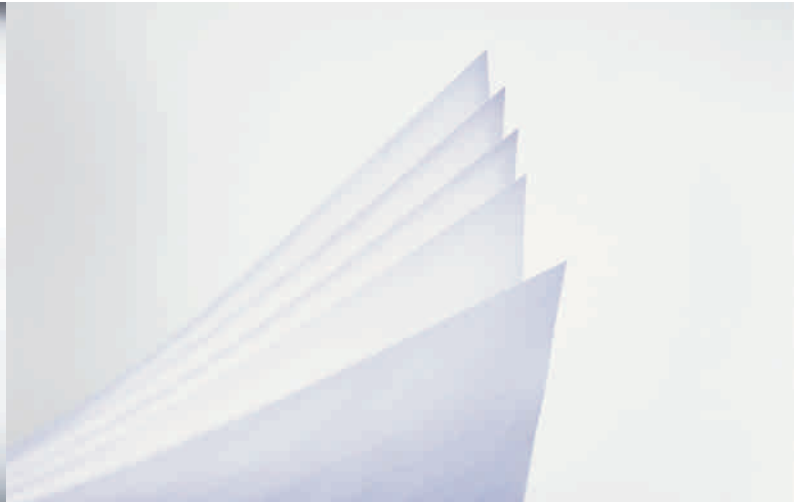


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Consumer Packaging



Office Papers

### M-real

M-real is the leading primary fibre paperboard producer and a major paper supplier in Europe. The company's customers include brand owners, carton printers, converters, publishers, printing houses, merchants and office product suppliers.

M-real offers its customers high-quality cartonboards and papers for consumer packaging as well as communications and advertising end uses. M-real communicates its paper and board product specific environmental data through Paper Profile declarations. All mills have ISO 9001 quality and ISO 14001 environmental certifications. In 2007, M-real introduced the carbon

footprint calculations to report in individual products' climate impact.

M-real's business areas are Consumer Packaging, Office Papers and Other Papers. The reporting structure includes also the Market Pulp and Energy segment.

M-real is headquartered in Finland. M-real's annual sales totalled EUR 3.2 billion in 2008 and it has about 6,500 employees. M-real is part of Metsäliitto Group and its A and B shares are listed on the NASDAQ OMX Helsinki Ltd.

### Consumer Packaging

M-real's Consumer Packaging is Europe's leading producer of primary fibre paperboard. Additionally, the business area produces speciality papers, e.g. wallpaper base papers. Consumer Packaging renewed its cartonboard concept in spring 2008. The cartonboard products under the new LITE4U concept are light and consistent and they have similar surface properties as heavier boards. The LITE4U grades are Carta Integra, Carta Elega, Carta Solida, Avanta Prima and Simcote. Carta Elega is a totally new grade.

Consumer Packaging's service offering includes quick availability of sheeted board, technical services, seminars and training. Integrated Brand Packaging (IBP) offers print management, packaging procurement and carton design services in Asia.

Consumer Packaging's seven mills located in Finland are Joutseno, Kaskinen, Kemiart Liners, Kyrö, Simpele, Tako and Äänekoski. Consumer Packaging's annual sales totalled EUR 1,061 million and the deliveries were about 1,35 million tonnes. Consumer Packaging's has approximately 1,600 employees.

SHARE OF TOTAL SALES  
34%





Other Papers



Market Pulp and Energy

### Office Papers

M-real's Office Papers produces, markets and sells high quality uncoated fine papers. Office Papers' products are used for printing and copying, as well as for forms, envelopes, manuals and various business communications. Paper is sold in the form of cut size, reels and folio sheets.

Office Papers reels are sold directly to converters or printers. Cut size papers are sold to paper merchants, original office equipment manufacturers and office product resellers. Office Papers' main brands are Data Copy, Evolve and Modo Papers.

Office Papers' mills are located in Husum, Sweden and in Alizay, France. Office Papers' annual sales totalled EUR 804 million and the deliveries were about 1,1 million tonnes. Office Papers has approximately 1,500 employees.

SHARE OF TOTAL SALES  
26%



### Other Papers

M-real's Other Papers produces mainly speciality papers for labels, forms, graphical applications and communications and advertising end uses. The best known brand is the cast coated paper and board CHROMOLUX, which is the European market leader. Other brands include e.g. medley, Spectral and ZETA.

Other Papers' Reflex and Gohrsmühle mills are located in Germany and Hallein mill in Austria.

Other Papers' annual sales totalled EUR 622 million and the deliveries were about 0,7 million tonnes. Other Papers has approximately 2,000 employees.

SHARE OF TOTAL SALES  
20%



### Market Pulp and Energy

M-real's Market Pulp and Energy segment includes pulp sales to external parties. After the Graphic Papers divestment closed at year end 2008 most of the external pulp sales are to Sappi based on a long-term contract. The segment also includes energy sales from the pulp mills or through M-real's energy holdings.

Market Pulp and Energy's annual sales totalled EUR 644 million.

SHARE OF TOTAL SALES  
20%

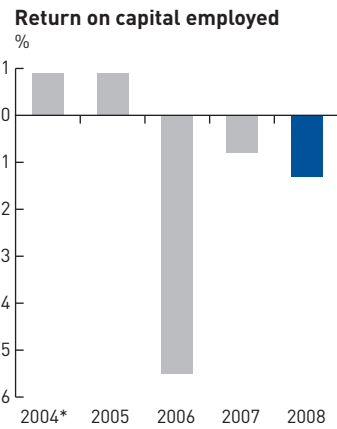
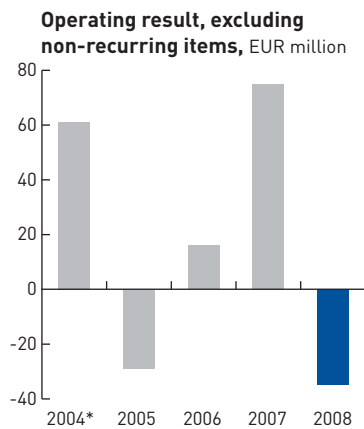
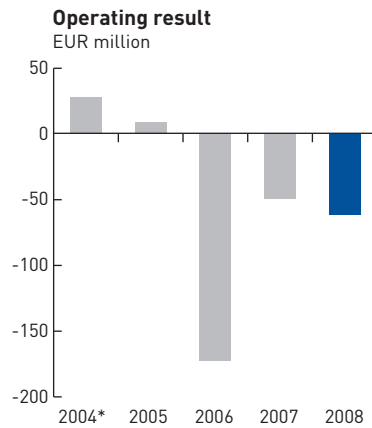
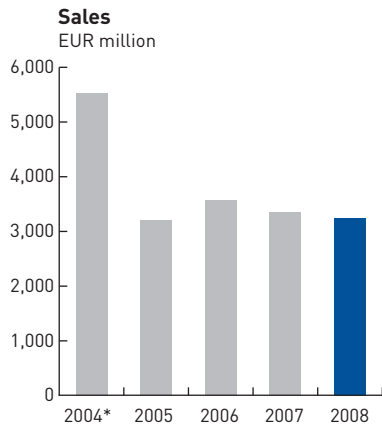


# Key Figures

|   | 2008  | 2007  | Change (%) |
|---|-------|-------|------------|
| Sales, EUR million  | 3,236 | 3,499 | -8         |
| Operating result excl. non-recurring items, EUR million           | -35   | 75    |            |
| % of sales  | -1.1  | 2.1   |            |
| Operating result, EUR million                                     | -61   | -49   |            |
| % of sales  | -1.9  | -1.4  |            |
| Result from continuing operations before tax, EUR million         | -204  | -191  |            |
| % of sales  | -6.3  | -5.5  |            |
| Result for the period, EUR million                                | -508  | -195  |            |
| Return on capital employed, %                                     | -1.3  | -0.8  |            |
| Return on equity, %   | -10.4 | -8.5  |            |
| Interest-bearing net liabilities, EUR million                     | 1,254 | 1,867 | -33        |
| Gearing ratio, %  | 152   | 124   |            |
| Net gearing ratio, %  | 90    | 99    |            |
| Equity ratio, %   | 30.8  | 34.4  |            |
| Earnings per share, EUR   | -1.58 | -0.59 |            |
| Earnings per share, from continuing operations, EUR               | -0.55 | -0.51 |            |
| Equity per share, EUR   | 4.05  | 5.58  | -27        |
| Dividend per share, EUR   | 0.00* | 0.06  | -100       |
| Market capitalisation 31 Dec., EUR million                        | 232   | 1,070 | -78        |
| Gross capital expenditure, EUR million                            | 128   | 259   | -51        |
| Gross capital expenditure, from continuing operations EUR million | 105   | 208   | -50        |
| Cash flow arising from operating activities, EUR million          | -97   | 127   | -176       |
| Personnel 31 Dec.   | 6,546 | 9,508 | -31        |
| Personnel 31 Dec., in continuing operations                       | 6,546 | 7,241 | -10        |

\*] Board of Directors propose that no dividend is paid for the financial year 2008.





\* 2004 does not include the impacts of the Map Merchant and Graphic Papers divestments

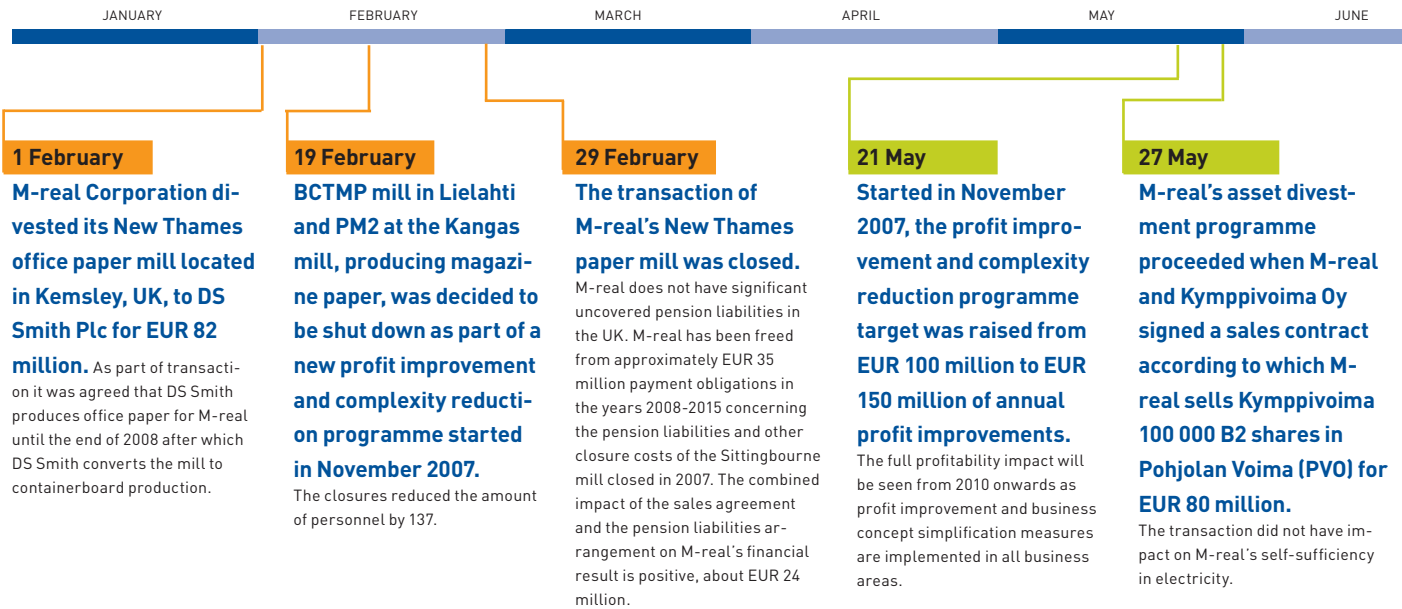
### M-real cost structure in 2008\*



- Delivery costs 14%
- Wood 21%
- Chemicals, pigments and fillers 17%
- Energy 11%
- Other variables 6%
- Wages and salaries 16%
- Other fixed 15%

\* Total annual costs in industrial operations approximately EUR 2.5 billion

# 2008 in brief



JULY

AUGUST

SEPTEMBER

OCTOBER

NOVEMBER

DECEMBER

**25 June**

**M-real fair valued according to IAS 39 its ownership in Pohjolan Voima (PVO) to EUR 439 million.**

**29 September**

**M-real announced the sale of its Graphic Papers Business Area to the South African Sappi Limited for an enterprise value of EUR 750 million.**

The transaction consideration consists of EUR 480 million in cash and assumed debt, EUR 220 million maximum four-year interest-bearing vendor loan note from Sappi to M-real and EUR 50 million of newly issued shares in Sappi. After the closing of the transaction, M-real's net debt will decrease approximately by EUR 630 million.

The sale comprises the Kirkniemi and Kangas mills in Finland, the Stockstadt mill in Germany and the Biberist mill in Switzerland. As part of the transaction, M-real and Sappi have also entered into a long-term agreement on the supply of pulp and BCTMP and other smaller services and supplies.

At the same time M-real announced, according to its earlier strategic considerations, to be planning the discontinuation of the standard coated fine paper production in the Hallein and Gohrsmühle mills. As a result of this plan, the coated fine paper capacity in Europe is expected to be reduced by approximately 0.6 million tonnes.

**31 December**

**The sale of Graphic Papers business to the South African Sappi Limited was closed.**

# CEO's review

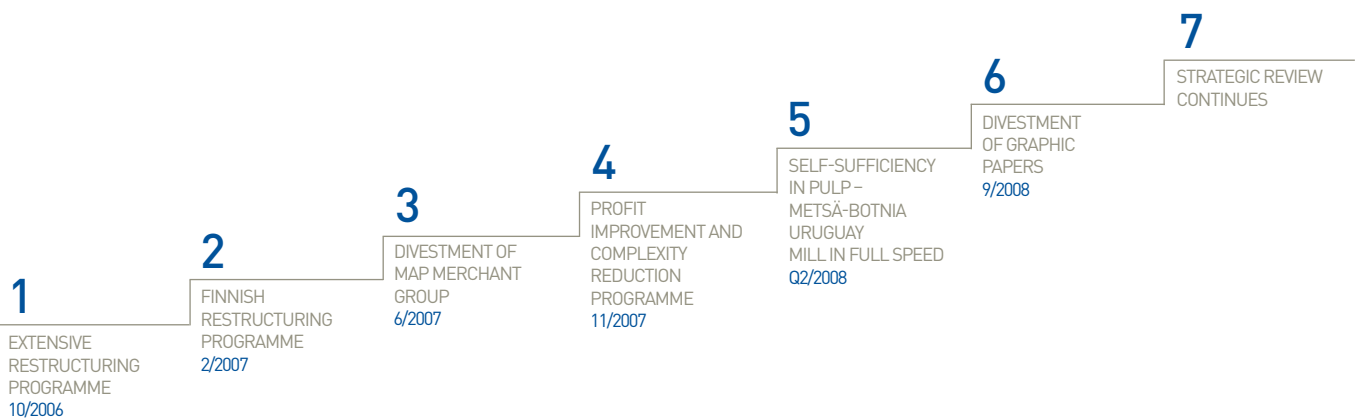
Dear reader

M-real's strategic review proceeded as planned in 2008. In spring, we achieved our strategic goal of self-sufficiency in pulp when Metsä-Botnia's pulp mill in Uruguay reached its full production capacity in record time. In autumn, we once again showed our responsibility towards the whole industry by taking the lead in the restructuring of the European coated paper industry. The divestment of Graphic Papers business to Sappi for EUR 750 million at the end of the year was the industry's most significant restructuring action of the decade as well as being an extremely important strategic step for M-real.

Through the divestment of Graphic Papers, M-real became a more focused company with a healthier balance sheet. At present, we are the leading producer of primary fibre paperboard and a major paper supplier in Europe. We are now in a clearly better position to develop our current businesses and create new innovations for our customers. Resources to further develop the paperboard business will be increased. Also, new opportunities in the non-European markets will be explored. The new LITE4U cartonboard concept, launched in spring, addresses our customers' needs in terms of efficiency and environmental sustainability without compromising product quality. LITE4U has proven to be a success story and a great platform for further improvements.

We will continue the strategic review of our remaining paper businesses to further improve our financial performance. Standard coated fine paper production at Hallein and Gohrsmühle mills will be discontinued in April 2009. Both mills have been loss-making for a long period of time. In Gohrsmühle the production of speciality papers and uncoated fine paper reels and folio sheets will be expanded. Our vision is to produce paper also in the future, but with a more focused product range.

During the early part of the year, the demand for our products remained reasonably good. However, towards year-end the demand softened clearly in the main European markets. Our internal profit improvement and complexity reduction actions created the expected results; unfortunately, however, the record high cost inflation revoked these achievements. In the second half of the year, a positive development in product pricing was seen mainly due to price increase actions implemented by M-real and other industry players as well as partly due to capacity closures in Europe. The prices of cartonboard and coated magazine and fine papers



were increased successfully. However, the implemented price increases so far are not enough to cover the recent years' cost inflation. To restore the profitability, additional price increases are needed and will thus be sought in 2009.

The year 2009 is going to be challenging due to the severe down-turn of the general economy. Demand seems to develop modestly and the pulp price pressures continue. From our viewpoint, the divestment of Graphic Papers improved our financial position and now enables us to put more emphasis and resources in developing the current businesses further. Since autumn 2008, the euro has weakened compared to the US dollar and, as a result, is gradually bringing out the effects of the earlier implemented price increases in the export markets. Cost inflation seems to be finally easing considerably. Our internal profit improvement and complexity reduction actions will continue. We will also continue to reduce our net debt both by additional divestments and net working capital reduction. Despite the global credit market turbulence, our financing is on a solid ground thanks to the implemented divestments and profit improvements. The main risks relate to the overall economic development in our main markets and the consequences on the board and paper demand. However, after all the extensive capacity closures and recent restructuring actions the industry is better able to cope with the economic downturn than earlier.

The recent years in the paper and board industry have not been easy both for our personnel and shareholders; however, we firmly believe that patience will be rewarded. When the economic cycle once again improves, the more focused M-real will be in a very strong position. We are the largest producer of primary fibre paperboard in Europe and our operations are efficient and streamlined thanks to the successfully implemented internal profit improvement measures.

I would like to express my thanks to M-real's personnel for their strong motivation and commitment. Due to the large-scale restructuring and divestments, 2008 was a very demanding year for all of us. I would also like to thank our shareholders, customers and partners for the year 2008. M-real's future prospects are beginning to look brighter guaranteeing the continuous development of new innovations which, in turn, will also benefit our customers' business. From this, it is good to continue the journey towards a stronger and more profitable M-real.



Mikko Helander  
CEO







BUSINESS AREAS



# Consumer Packaging

M-real's Consumer Packaging business area is an innovative supplier of high-performance primary fibre-based paperboards, speciality papers and related packaging services. It serves carton printers, converters, brand owners and merchants for end-uses such as beauty care, cigarettes, consumer durables, foods, healthcare, graphics and wallcoverings.

Consumer Packaging's product portfolio includes cartonboards for packaging and graphics applications, coated and uncoated white top liners for corrugated packaging applications, wallpaper base and speciality papers for flexible packaging and labelling.

The total offering also includes services such as the quick availability of sheeted board, technical services, seminars and training. Integrated Brand Packaging (IBP) offers print

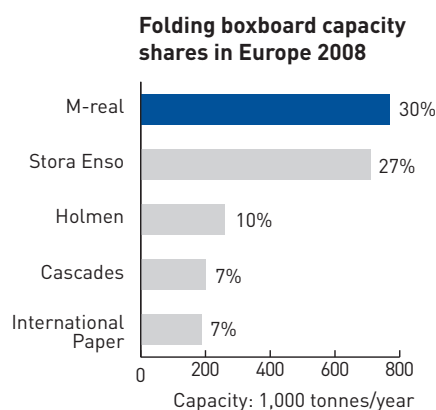
management, packaging procurement and carton design services in Asia.

## Markets

Consumer Packaging is Europe's leading producer of folding boxboard, coated white top liners and wallpaper base. Consumer Packaging's main markets are Europe, North America and Asia.

The demand for folding boxboard was strong in 2008 until the fourth quarter when the general economy began to slow down. Due to the favourable market situation at the beginning of the year, folding boxboard price increases were successful.

The demand for white top liners in all main markets weakened in the fourth quarter due to the economic slowdown. Wallpaper base demand was strong at the beginning of the year but declined towards year-end. The demand for speciality papers, flexible packaging and labelling remained at a fairly good level throughout the year.



Source: M-real, Pöyry

## Financial performance

Consumer Packaging business area's 2008 result was weakened from previous year by severe cost inflation, lower pulp result, as well as the weaker US dollar and British pound. Profitability was improved by achieved price increases, implemented cost saving actions and new business innovations.

## Major events

M-real Consumer Packaging's innovative development continued in the summer when the new cartonboard concept LITE4U and the completely new folding boxboard grade, Carta Elegia, were launched. With the LITE4U concept and its renewed cartonboard range, Consumer Packaging has responded to its customers needs by increasing efficiency and taking sustainability issues into account. In addition, Simcastor WS and WSE, the new fully wet-strength label papers suited for the beer and beverage market, were introduced.

Joutseno BCTMP (bleached chemi-thermo-mechanical pulp) mill was included in Consumer Packaging business area at the beginning of the year. The Lielähti CTMP mill in Tampere, Finland, was closed in spring. In accordance with the long-term agreement M-real has entered with Sappi Limited, the Äänekoski mill will produce coated fine paper for Sappi. As of January 2009, the Äänekoski paper mill and the Kaskinen BCTMP mill will be managed as part of Consumer Packaging.

| Key figures  | 2008  | 2007  | Change [%] |
|--|-------|-------|------------|
| Sales, EUR million                                       | 1,061 | 1,069 | 0.8        |
| EBITDA, EUR million                                      | 108   | 150   | -28        |
| EBITDA, excl. non-recurring items, EUR million           | 109   | 156   | -30.1      |
| Operating result, EUR million                            | 24    | 61    | -60.7      |
| Operating result, %                                      | 2.3   | 5.7   |            |
| Operating result, excl. non-recurring items EUR million  | 29    | 77    | -62.3      |
| Operating result, exc. non-recurring items, %            | 2.7   | 7.2   |            |
| Return on capital employed, %                            | 3.2   | 7.8   |            |
| Return on capital employed, excl. non-recurring items, % | 3.8   | 9.7   |            |
| Deliveries, 1,000 tonnes                                 | 1,345 | 1,386 | -3         |
| Production, 1,000 tonnes                                 | 1,336 | 1,398 | -4.4       |
| Personnel, average                                       | 1,664 | 1,902 | -12.5      |



## Market outlook

The beginning of 2009 is expected to be challenging for all grades due to the global economic downturn. However, the demand for folding boxboard is expected to remain at a fairly good level. For liners, the demand is expected to be at a

somewhat lower level during the early part of the year. For wallpaper base, flexible packaging and label papers, the demand growth is expected to remain modest.

### LITE4U concept comprises:

- Lightweighting for more economy
- Innovative development
- Time saving
- Environment concerns
- 4 modern mills
- Unique offer

The **Lightweighting** of products at M-real has been one of the key areas during the past few years. In this, the bleached chemi-thermomechanical pulp (BCTMP) has played a significant role. Lighter weight boards offer the same properties as heavier, conventional grades in lower substances. They also mean cost savings and benefit the environment throughout the value chain - in production, by lighter transport weights and less waste at the end of their lifecycle. M-real has also the industry's tightest quality tolerances in order to ensure even better consistency in the product quality. Consistent quality means better runnability in the converting lines creating clear savings and reductions in waste.

**Innovative** product development at M-real has resulted in a clear portfolio of fit-for-purpose cartonboards meeting customers' needs in both visual appearance and board performance. The cartonboard range includes five grades - Carta Integra, Carta Elega, Carta Solida, Avanta Prima and Simcote. Carta Elega is a completely new, fully coated and foil laminated folding boxboard with excellent surface and print qualities. Carta Elega is particularly suited to beauty care and graphic end-uses.

**Time** is saved by the new, simplified cartonboard portfolio. Not only is selecting the grade easier, while the grades are more clearly targeted to specific end uses, but production cycles at the mills are shorter due to fewer grades. This accelerates delivery, improves availability and makes stock management more efficient. The Express Board service in Europe is also being enhanced.

**Environment** aspects are taken into account in all activities at M-real. The mills have implemented energy-saving programmes and the reduction of CO<sub>2</sub> emissions has high priority. M-real is committed to using wood raw material from sustainably managed forests at its production units.

M-real boards are based on pure raw materials and renewable primary fibres which are safe for both people and the environment. Boards are recyclable and can also be incinerated for energy recovery or composted at the end of their lifecycle.

**4 modern mills:** Simpele, Äänekoski, Kyro and Tako serve M-real's cartonboard customers. They are managed as one entity and they are self-sufficient in fibres. Joutseno BCTMP mill has been dedicated to produce pulp tailored for M-real's cartonboard mills.

**Unique** cartonboard offering makes it easy to choose the right board for each end-use by using the clearly positioned fit-for-purpose products. The new offering improves availability, and provides lighter weights and consistent quality. It increases efficiency throughout the value chain and supports sustainable development.



# Office Papers

M-real's Office Papers business area is one of the Europe's leading office paper producers. It produces, markets and sells a range of high quality uncoated fine papers. Office Papers' products are used for printing and copying, as well as for forms, envelopes, manuals and various business communications.

Office Papers' cut size papers are sold to paper merchants, original office equipment manufacturers and office product resellers. Reels are sold directly to converters or printers. For original office equipment manufacturers and office product resellers paper represents a significant part of their assortment and for paper merchants, paper is at the core of their offering.

Office Papers is continually developing its commercial activities to ensure that M-real's brands are the leading ones, and that they meet the customer demand as well as possible. The main brands are Data Copy, Evolve and Modo Papers. Data Copy is the Europe's leading office paper brand and Evolve is the leading recovered fibre based office paper brand. Modo Papers business reel product range includes paper for envelope converting, pre printing and well as laser and inkjet printing.

## Markets

Office Papers main market area is Europe. Demand for Office Papers's products declined in Europe in 2008 due to the weakening of the general economy. The average market price remained relatively stable. The capacity closures implemented by European producers offset the impact of lower demand. Cost inflation was on a very high level mainly due to increased wood costs.

M-real's position in the office paper market is strengthened by the convenient location of the mills in Sweden and France, combined with efficient logistics network.

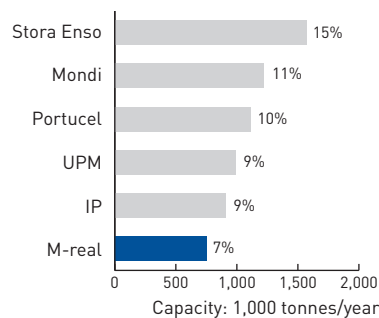
## Financial Performance

Office Papers business area's 2008 result weakened from the previous year by lower pulp result mainly due to expensive wood raw material and production curtailments. Profitability was improved by the implemented cost saving actions.

## Major events

M-real sold the New Thames mill in the UK to the DS Smith Group in February and the mill's recovered fibre based products were transferred to the M-real's Alizay mill in France. The closure of New Thames mill improved the European office paper market balance by 230,000 tonnes. Alizay mill became the leading European producer of recovered fibre based office papers and at the same time the quality of Evolve product

**Uncoated fine paper capacity shares in Europe 2008**



Source: M-real, Pöyry

More information available [www.m-real.com](http://www.m-real.com) or visit the product web sites:

[Data Copy](http://www.datacopy.com)

[Evolve](http://www.evolve-papers.com)

[Logic](http://www.logic-papers.com)

[Modo Papers](http://www.modopapers.com)

[www.datacopy.com](http://www.datacopy.com)  
[www.evolve-papers.com](http://www.evolve-papers.com)  
[www.logic-papers.com](http://www.logic-papers.com)

range was improved significantly. Evolve is now meeting the customers' growing demand for recovered fibre based office papers in Europe even better than before.

Data Copy product range was developed and extended also to the heavier papers allowing entries into new market segments including digital printing.

The ColorLok™ technology was introduced to the main M-real brands. This enables the papers to offer outstanding print results when used in combination with the new generation of pigmented inks incorporated in the latest inkjet printing devices that are faster, more reliable and more cost efficient.

In 2009, the product and customer service development as well as efficiency improvement will continue. M-real's Office Papers business area targets a well specialized and efficient production and a product range that is meeting the customer needs.

Based on the long-term contract between M-real and Sappi Limited, Husum mill's paper machine 8 produces coated magazine paper for Sappi. Husum paper machine 8 belongs to Office Papers from January 2009 onwards.

## Outlook

The year 2009 has started challenging in the office papers business due to the weakening economy in Europe. Traditionally, the demand improves and inventories are increased during the first months of the year. There is great need to increase the office paper price to cover the record high cost inflation experienced in recent years. European uncoated fine paper market is very fragmented. Consolidation and restructuring of the industry is expected to continue in the coming years.

| Key figures  | 2008  | 2007  | Change [%] |
|--|-------|-------|------------|
| Sales, EUR million                                       | 804   | 888   | -9.5       |
| EBITDA, EUR million                                      | 35    | 66    | -47        |
| EBITDA, excl. non-recurring items, EUR million           | 37    | 93    | -60.2      |
| Operating result, EUR million                            | -53   | -196  |            |
| Operating result, %                                      | -6.6  | -22.1 |            |
| Operating result, excl. non-recurring items EUR million  | -29   | 17    | -270.6     |
| Operating result, exc. non-recurring items, %            | -3.6  | 1.9   |            |
| Return on capital employed, %                            | -7.4  | -21   |            |
| Return on capital employed, excl. non-recurring items, % | -3.8  | 2.2   |            |
| Deliveries, 1,000 tonnes                                 | 1,081 | 1,194 | -9.5       |
| Production, 1,000 tonnes                                 | 905   | 1,219 | -25.8      |
| Personnel, average                                       | 1,561 | 1,931 | -19.2      |

# Other Papers

M-real's Other Papers business area is a leading European speciality paper producer. The core of the business area is formed by the Zanders mills, Reflex and Gohrsmühle, in Germany. M-real's speciality papers are used e.g. for brochures, direct mail, annual reports, catalogues, art books, posters, calendars and labels. The customers are printers, publishers, advertising agencies and paper merchants. In addition to the Zanders mills, Other Papers business area includes the Hallein mill in Austria.

Other Papers product range includes cast coated papers and boards, wet-glue label papers, graphical speciality papers, carbonless papers, digital papers as well as coated and uncoated fine papers.

Other Papers main brands are CHROMOLUX, medley, Spectral and ZETA. CHROMOLUX is the European market leader in cast coated papers and boards. It is especially suited for label base paper in which it is the clear market leader in Europe. Medley, Spectral and ZETA are used for graphical end uses. Medley is a special fine paper for digital colour printing and for big inkjet printers. Spectral is a transparent paper, e.g. for envelopes. ZETA is a premium uncoated fine paper which different surface finishes enable a diversified range of printing options, also digital printing. Zanders autcopy is a special coated carbonless paper used for forms.

## Markets

Other Papers' main market area is Europe. Prices for speciality papers remained stable in 2008. In late 2008, the demand declined more than the normally experienced seasonality due to the economic uncertainties in the main markets. New speciality paper applications are continuously being developed.

## Financial performance

Other Papers business area's 2008 profitability improved by implemented cost saving actions and the start-up of Metsä-Botnia's Uruguay mill. The result was weakened by lower pulp result, increased wood raw material and energy costs and the weaker US dollar and British pound. The profitability of speciality papers is better than that of the standard fine papers.

## Major events

In September 2008, M-real announced to be planning the discontinuation of the standard coated fine paper production at the Hallein and Gohrsmühle mills based on earlier examined strategic options. Both mills have been loss-making for a long period of time. The standard coated fine paper production at Hallein and Gohrsmühle mills will be discontinued in April 2009. The entire paper production will end at Hallein. In Gohrsmühle the production of speciality papers as well as uncoated fine paper reels and folio sheets will be expanded. M-real continues to explore various future options for the Hallein pulp mill.

## Outlook

The European speciality paper market is very fragmented and is, to large extent, consisting of a large amount of small-sized companies. The consolidation in the industry is expected to continue during the coming years. Speciality paper capacity in Europe is expected to gradually decrease due to capacity closures by the bigger players and by closing down of entire operations by the smaller players. The profitability and demand outlook for speciality papers is in general terms more favourable than for standard papers in Europe.

| Key figures  | 2008  | 2007  | Change [%] |
|--|-------|-------|------------|
| Sales, EUR million                                       | 622   | 657   | -5.3       |
| EBITDA, EUR million                                      | 45    | 1     | 400        |
| EBITDA, excl. non-recurring items, EUR million           | 23    | 11    | 109.1      |
| Operating result, EUR million                            | -59   | -36   |            |
| Operating result, %                                      | -9.5  | -5.5  |            |
| Operating result, excl. non-recurring items EUR million  | -15   | -30   |            |
| Operating result, excl. non-recurring items, %           | -2.4  | -4.6  |            |
| Return on capital employed, %                            | -14.3 | -9.1  |            |
| Return on capital employed, excl. non-recurring items, % | -3.4  | -7.2  |            |
| Deliveries, 1,000 tonnes                                 | 680   | 718   | -5.3       |
| Production, 1,000 tonnes                                 | 705   | 743   | -5.1       |
| Personnel, average                                       | 2,016 | 2,160 | -6.7       |

# Market Pulp and Energy

M-real's Market Pulp and Energy reporting unit mainly includes pulp sales to external parties. Additionally, a minor part of the unit consists of energy sales from the pulp mills or through M-real's energy holdings.

M-real has agreed on long-term pulp supplies to Sappi in connection with the Graphic Papers divestment closed at year-end 2008 and a large part of the external pulp sales are to Sappi Europe.

## Markets

Pulp producers' inventories increased in 2008 due to new capacity and weakening demand. As a result, pulp prices declined in the latter half of 2008. The market pulp trade is denominated by US dollar. Thus, in euro terms the strengthening of US dollar in late 2008 reduced the profitability impact of lower prices.

## Financial performance

Relatively Market Pulp and Energy's 2008 profitability weakened from the previous year due to increased wood costs and production curtailments. Despite the success of the Uruguay pulp mill, the absolute profit improvement remained modest.

## Outlook

Market pulp producers' inventories are likely to remain high at least in early part of 2009 which maintains pressure on prices. Wood price increase has come to an end and it seems likely that wood prices will decline in 2009.

| Key figures  | 2008  | 2007  | Change [%] |
|--|-------|-------|------------|
| Sales, EUR million                                       | 644   | 596   | 8.1        |
| EBITDA, EUR million                                      | 148   | 54    | 174.1      |
| EBITDA, excl. non-recurring items, EUR million           | 73    | 55    | 32.7       |
| Operating result, EUR million                            | 106   | 25    | 324        |
| Operating result, %                                      | 16.5  | 4.2   |            |
| Operating result, excl. non-recurring items EUR million  | 32    | 26    | 23.1       |
| Operating result, excl. non-recurring items, %           | 5     | 4.4   |            |
| Return on capital employed, %                            | 12.6  | 3.1   |            |
| Return on capital employed, excl. non-recurring items, % | 3.6   | 3.2   |            |
| Deliveries, 1,000 tonnes                                 | 1,115 | 997   | 11.8       |
| Production, 1,000 tonnes                                 | 905   | 1,219 |            |



CORPORATE  
RESPONSIBILITY  
AND OPERATING  
ENVIRONMENT



# Corporate responsibility

M-real is committed to promoting sustainable development through its business activities, to continuously improving its operations and to conducting its business in a responsible manner. The values of the Metsäliitto Group – responsible profitability, reliability, cooperation and renewal – lay the foundation for M-real's operations.

M-real has endorsed the Metsäliitto Group's Commitment to Corporate Responsibility statement, which defines the principles of corporate responsibility implemented throughout the Group. The statement is based on the UN's Global Compact initiative, which is aimed at advancing responsible corporate citizenship with respect to human rights, labour, the environment and anti-corruption. M-real is thus committed to promoting the principles of the Global Compact initiative in its own operations.

M-real follows the Metsäliitto Group's Code of Conduct which is designed to ensure Group-wide adherence to approved practices and common ethical principles. The leading principles of the Code of Conduct include compliance with the principles of corporate responsibility, performing one's duties in the best possible manner, anti-corruption, open communications, appropriate action in case of conflicting interests and fair competition.

## Products

M-real's production processes are based on the economic use of resources and on minimising the environmental impact of the products throughout their life cycle. The company's core competence lies in its profound knowledge of the properties of different wood fibres and the compatibility of pulps with specific end uses.

M-real paperboards derive their strength and stiffness from high-strength softwood pulp. The mechanical pulp and bleached chemi-thermo-mechanical pulp (BCTMP) used for the middle layer of folding boxboards give the products their characteristic high bulk. These properties enable M-real to deliver the required packaging performance with products that are lighter than competing products, thus reducing the amount of raw materials consumed, the environmental impact of production and transportation, and the amount of waste produced.

The performance attributes of white top liners, used as the surface layer for corrugated board, are superior to those of numerous competing grades, enabling sufficient strength to be achieved using comparatively lightweight board. Due to the excellent printing surface of liners, corrugated packaging can be used for transport as well as retail, thus reducing duplicate packaging and use of packaging material.

M-real's uniform, quality-consistent boards perform smoothly and reliably on printing and converting machines and packaging lines. This reduces waste, both of the packaging material and the packaged product. Paperboards made of primary wood fibre are safe for use even in demanding applications, such as food packaging.

M-real's office papers meet today's office needs: they are designed for two-sided printing and copying, which reduces paper consumption, and are precision-dimensioned and dust-free, thus reducing wear and extending the service life of copiers and printers.

M-real office papers are made from primary wood fibre originating from sus-

tainably managed forests or from premium quality recovered fibre from office paper and other high-quality recycled paper grades. For some office papers, a mix of both primary and recycled fibre is used. Office paper is wrap-protected at the mill to protect the sheets from damage during transport and storage. The paper itself, the wrapping material and the boxes are all recyclable.

M-real also produces a wide range of speciality papers. M-real produces coated fine and magazine papers for Sappi under long-term agreements. In addition, M-real sells pulp and small amounts of energy to external parties. The production of these products also complies with M-real's energy- and resource-saving methods and principle of continuous improvement.

## Research and development

M-real's R&D has focused on renewing product concepts and improving efficiency. As distinguished from traditional product development, the primary aim of which is to launch new products, product concept renewal aims for more versatile change. The purpose of redefining product concepts is to offer customers an even more versatile product range, while also improving product availability and shortening delivery times. Both the products and the delivery chain are thus streamlined and efficiency benefits are gained throughout the value chain – from paper production through to storage and production at the customer end. Product concept renewal during the review year gave rise to the LITE4U cartonboard concept, and for papers, the Galerie Customer Programme. Product development efforts



included the new folding board Carta Elegia as part of the LITE4U concept.

During the year under review, production of recovered fibre based office paper, previously based at the New Thames mill was transferred to the Alizay mill, a move that entailed a series of development measures and investments.

Extensive product development programme was planned and implemented in the speciality paper business during the year. Development areas included high quality graphic speciality papers, self-copying papers, digital printing papers and security papers.

Efficiency improvement projects were implemented mainly as mill projects, the objective of which was to achieve efficiency benefits as well as direct cost savings, particularly in raw materials and energy.

Technology improvements in the bleached chemi-thermo-mechanical pulp process resulted a new technology for process chemicals recovery and increasing M-real's competitiveness in the field of chemi-thermo-mechanical pulp technology. Furthermore, building of a new demonstration unit began in autumn 2008.

M-real participated also during the review year in research cooperation with Forestcluster Ltd. Forestcluster's long-term programmes are aimed at creating capabilities for renewing existing business activities.

M-real's R&D expenses were approximately EUR 10 million in 2008, representing around 0.3 per cent of sales.

### **Product and chemical safety**

M-real actively follows the preparation of new legislation on product and chemical safety and strives to identify and take into account product and chemical safety risks at the product development stage. Trained specialists

are responsible for providing information on new research results and future requirements.

In accordance with its product safety policy, M-real ensures that the packaging papers and boards it manufactures are safe for people and for the environment when used as intended.

The manufacture of packaging materials is part of the food products manufacturing chain. As such, all M-real board and paper mills operating in the Consumer Packaging business area are certified in compliance with the international ISO 22000 food safety management standard. These mills only use raw materials approved by the relevant authorities for use in papers and boards which come into contact with foods. As a minimum requirement, all raw materials used are approved in accordance with regulations of the German Federal Institute for Risk Assessment (BfR) and the U.S. Food and Drug Administration (FDA). Additionally, the conformity with regulations of our finished products is tested by independent laboratories.

When the new EU legislation regarding the registration, evaluation, authorisation and restriction of chemicals (REACH) came into force on 1st June 2007, the responsibility for chemical risk assessment was transferred from the authorities to the industry. M-real has preregistered the materials it manufactures for which REACH preregistration is required. These substances typically include the by-products and intermediate products of the pulp production process, such as tall oil and green liquor, which are not contained in the final board or paper products.

M-real holds regular discussions with its external material suppliers to verify their REACH preregistration and registration status. A database is maintained on the most

important chemicals used in the production process and their key environmental, health and safety information. The database also contains information on the preregistration and registration of materials.

As a significant user of plant-based raw materials, M-real follows research on genetically modified organisms (GMOs) closely. Research within the field of nanomaterials is also followed. M-real does not approve the use of GMO-based raw materials or new nanotechnology-based materials until sufficiently documented experience of their use and reliable research data regarding their safety becomes available.

### **Environmental management**

M-real's environmental policy is based on continuous improvement of its operations and minimisation of the environmental impact of its activities. To these ends, all M-real mills operate a certified ISO 9001 quality management system and an ISO 14001 environmental management system.

M-real has succeeded in continuously reducing its emissions to air, discharges into waterways and noise from mill operations. This has been achieved by applying Best Available Techniques (BAT). Mill water systems have been closed, cleaning methods enhanced and incidental emissions minimised. Landfill waste has been reduced by seeking re-use opportunities for the by-products of production.

Wastewater from board and paper production contains organic material dissolved from the wood raw material, as well as phosphorus and nitrogen, which cause eutrophication of natural water systems. Measures taken to reduce emissions include more effective effluent treatment processes, reduced water

consumption, personnel training for improved management of process disturbances, and reduction of incidental discharges. Highly effective treatment processes have restricted the impact of wastewater emissions within a limited area at the immediate point of discharge.

The most significant atmospheric emissions include fuel-derived sulphur and nitrogen oxides which can cause water and soil acidification, carbon dioxide, the main driver of climate change, and particle emissions, which have a negative impact on air quality.

M-real has reduced its emissions to air by introducing low-sulphur fuels and by replacing fossil fuels with wood-based fuels.

The water consumption of M-real's production processes has been reduced continuously and work to close mill water systems even further is being continued, even though the majority of mills are located in areas of plentiful water supply.

Mill waste levels have been significantly reduced through efficient re-use of co-products. Waste sorting at mills and use as either raw material or for energy production reduces the need for landfill disposal.

Packaging plastics, metals, paper and board are recycled. Process sludge and wood-based waste are used as fuels if they cannot be otherwise utilised. In office paper production, the fibre sludge generated during the recovered fibre deinking process is used in the building products industry and for energy production. Ash from power plants is used in earthworks construction as an alternative to gravel and

other soil resources. Wood ash can also be used as a fertiliser. In forestry, it is used to restore nutrient balance to drained peatlands.

### Wood procurement

M-real is committed to using wood that is sourced responsibly and in compliance with local laws. Wood procurement is conducted by M-real's parent company Metsäliitto Cooperative.

The bulk of M-real's domestic wood raw material comes from the forests of Metsäliitto Cooperative's owner-members. Metsäliitto also procures wood from Austria, Estonia, France, Germany, Latvia, Lithuania, Russia and Sweden. During the year under review, Metsäliitto delivered some 12.3 million cubic metres of wood to M-real's mills (including 30 per cent to Metsä-Botnia's mills).

Metsäliitto is committed to promoting responsible forest management. Wood purchase agreements include precise environmental criteria, including the obligation to ensure forest regeneration measures are implemented in a habitat-sensitive manner after timber harvesting is completed. All wood is sourced from sustainably managed forests and all fellings are conducted in full compliance with local laws and regulations. Some 67 per cent of the wood procured by Metsäliitto for M-real's mills comes from certified forests.

Metsäliitto's wood procurement is governed by its environmental policy regarding wood supply and forestry, as well as the principles of corporate responsibility. These are implemented using certified quality and environmental management systems and an annually updated environmental programme. Metsäliitto operates in full compliance with local laws and government regulations and requires the same commitment of its contractual partners. Wood procurement operations are continuously developed and best practices are applied.

In wood procurement, valuable plant and animal habitats and other sites of importance in terms of forest biodiversity or landscape values are protected. Metsäliitto regularly audits its wood suppliers as well as its own logging sites and the logging sites of its subcontractors to determine whether harvesting has been conducted in compliance with licence conditions. At the same time, attention is paid to the quality of the management of the forest environment and to social dimensions such as the training and occupational safety of employees.

The certified quality and environmental management systems used by Metsäliitto Wood Supply include a wood origin management system. The system enables M-real to know the origin of its wood even if the wood is

| Deliveries of certified wood to M-real mills in 2008 * |          |         |
|--|----------|---------|
|  | PEFC (%) | FSC (%) |
| Germany  | 85       | 0       |
| Austria  | 81       | 0       |
| Finland  | 67       | 1       |
| France   | 49       | 0       |
| Sweden   | 30       | 30      |

\* including 30 per cent of wood delivered to Metsä-Botnia mills

| Wood supply to M-real mills by procurement area |       |
|---|-------|
| 1 000 m <sup>3</sup>                            | 2008  |
| Finland   | 5,043 |
| Sweden  | 2,639 |
| Russia  | 1,246 |
| France  | 1,066 |
| Austria   | 870   |
| Germany   | 460   |
| Latvia  | 425   |
| Estonia   | 230   |
| Lithuania                                       | 169   |
| Uruguay   | 118   |

12,266

not derived from a certified forest. All M-real mills employ a certified Chain of Custody system which enables them to verify the share of certified wood in their products.

M-real strives to increase the share of certified wood in its products and to launch more forest certification labelled products on the market.

### Pulps

During the year under review, M-real used approximately 2 million tonnes of chemical pulp, chemi-thermo-mechanical pulp and recovered fibre. Of these, 1.5 million tonnes were produced at the company's own mills and M-real's share of Metsä-Botnia pulp was 0.8 million tonnes. In addition, 0.1 million tonnes were purchased from external suppliers and 0.4 million tonnes of various pulps were sold to external parties. M-real requires its pulp suppliers to operate in strict compliance with the law and to report annually on the wood origin, the share of certified wood and other key environmental data.

### Energy

During the year under review, M-real's mills used a total of 18.6 TWh of energy generated by fuels. Purchased electricity amounted to 2.3 TWh and purchased heat 0.3 TWh. These collectively amounted to a total energy consumption of 24.7 TWh. Wood-based fuels accounted for 76 per cent of total mill fuel consumption.

M-real strives to reduce the climatic impact of its activities, particularly by enhancing its energy efficiency. Metsäliitto Group's Climate

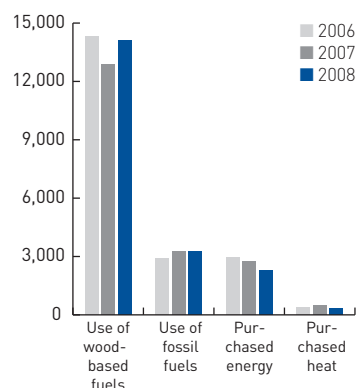
Programme was launched at the start of the year under review. The programme is aimed at collecting information on work that has been or is being carried out to reduce the mills' impact on climate change and defining the Group's common climate objectives and the measures to be taken in order to achieve these goals.

Continuous development and optimisation of energy efficiency is an increasingly central aspect of M-real's operations. To support management in this area, a certified Energy Efficiency System (EES) will be introduced at all mills by the end of 2009.

M-real implemented several energy saving production modifications and investments resulting in a calculated total decline in company CO<sub>2</sub> emissions of 35,628 tonnes.

Use of sorted, non-recyclable retail and industrial waste as fuel alongside wood and peat was begun at the Äänekoski mills' power plant. Preparations are underway for the introduction of a similar partially waste-based power production system at Simpele. Waste re-use in this way reduces the need for landfill disposal and fossil fuel consumption.

**Development of energy usage 2006–2008, GWh**



**Development of energy usage 2006–2008**

|                         | 2008   | 2007   | 2006   |
|-------------------------|--------|--------|--------|
| GWh                     |        |        |        |
| Use of wood-based fuels | 14,098 | 12,886 | 14,327 |
| Use of fossil fuels     | 3,274  | 3,254  | 2,880  |
| Purchased energy        | 2,283  | 2,760  | 2,935  |
| Purchased heat          | 328    | 470    | 361    |

**Sources of total energy**

|               | GWh    | 2008 (%) | 2007 (%) | 2006 (%) |
|---------------|--------|----------|----------|----------|
| Wood-based    | 14,604 | 59       | 54       | 57       |
| Natural gas   | 3,307  | 13       | 14       | 12       |
| Coal          | 2,323  | 9        | 11       | 11       |
| Nuclear power | 2,143  | 9        | 10       | 10       |
| Hydro power   | 1,068  | 4        | 6        | 6        |
| Oil           | 950    | 4        | 4        | 3        |
| Peat          | 307    | 1        | 2        | 1        |

The second trading period of the EU emission trading scheme began in December 2008. The trading scheme covers M-real's operations.

As a result of the company's continuous development of its energy efficiency and increased use of renewable fuels, the CO<sub>2</sub> emissions allowance granted to M-real adequately covered its operational requirements. The indirect and cost-raising effects of emission trading were nevertheless tangible, especially during the first part of the year when the prices of wood-based fuels continued to escalate and the market price of electricity reached record levels. Despite its high degree of energy self-sufficiency, M-real is a major buyer of electricity, and thus the rising energy prices have a significant effect on the company's energy costs.

In 2008, M-real took part for the second time in the investor-financed Carbon Disclosure Project which investigated the preparedness of major public companies for climate change and the financial threats climate change entails.

### Environmental improvements at the mills

The environmental load and environmental risk reduction improvements carried out at M-real's mills during the year focused on rationalising raw materials, water and energy consumption and reducing emissions to air.

A new reject recovery line was commissioned at the Kyro mill, bringing a considerable reduction in wastewater solids levels. The mill's white water circulation capacity was increased, thus cutting wastewater levels and improving the heat economy of the process.

At the Kaskinen mill, improvements focused on chemical dosing control. As a result, the quantity of hydrogen peroxide used in pulp bleaching was reduced by some 5 per cent, and further reductions are believed to be achievable. The use of other chemicals was also rationalised. The commissioning of a new washing liquid concentration and recovery system at the process water evaporation plant achieved a reduction in organic loading of the mill's wastewater.

A new evaporation plant gas scrubber brought on stream at the Husum mill in Sweden has cut the mill's nitrogen oxide

emissions by an estimated 200 tonnes per year. In Austria, a new covered wood chip storage facility built for the Hallein mill has significantly reduced the spread of wood dust to nearby residential areas.

At the Tako, Kyro and Äänekoski mills, considerable energy savings were achieved by replacing the old board and paper machine vacuum systems with new vacuum blowers.

Significant savings were also achieved through optimised pulp refining and refiner blade improvements at the Kaskinen and Joutseno mills and the Tako and the Kemiart Liners mills in Finland, and at the Gohrsmühle mill in Germany.

A series of successful process heat recovery improvements were implemented at the Alizay mill in France and at Husum in Sweden. At Hallein, a new steam turbine was commissioned, boosting the electricity production capacity of the mill's power plant.

At the Reflex mill in Germany, improvements were made to the monitoring of forklift truck handling of chemicals. At Kaskinen, a "green watch" environmental incident notification procedure was introduced among mill staff for improved monitoring and control of environmental risks and emissions.

| Environmental indicators                |           |           |
|---|-----------|-----------|
| Tonnes                                  | 2008      | 2007      |
| <b>Emissions to air</b>                 |           |           |
| Greenhouse effect, CO <sub>2</sub> -eqv | 1,269,651 | 1,117,296 |
| Acidification, SO <sub>2</sub> -eqv     | 7,225     | 6,414     |
| <b>Discharges to water</b>              |           |           |
| COD                                     | 35,042    | 34,694    |
| Eutrophication, P-eqv                   | 210       | 185       |
| <b>Waste</b>                            |           |           |
| Landfill waste                          | 76,229    | 64,843    |

## Personnel

In 2008, M-real's personnel decreased mainly as a result from the Graphic Papers business divestment. At the end of the year the number of personnel was 6,546 (2007: 9,508). M-real's number of personnel incorporates 30 per cent of Metsä-Botnia's employees.

As part of M-real's strategic review and the profit improvement and business concept simplification programme, the Kirkniemi and Kangas mills in Finland and paper mills in the UK, Germany and Switzerland were divested. In Finland, the company closed its Lielähti mill and Kangas mill's paper machine 2 which produced magazine paper. The human resource impact of the closures was 137 persons.

Statutory labour negotiations were conducted in a constructive spirit. Special emphasis was given to the provision of support to employees undergoing of facing potential redundancy by means of M-real's change security programme. Re-allocation training and job-seeking assistance was provided. Supervisors were also trained to operate in personnel reduction situations.

The key challenge of M-real's personnel and management operations during the review period has been to maintain motivation, skills and know-how at the workplace despite the streamlining and efficiency-improvement programmes. The work-based change management approach developed by the Metsäliitto Group was adopted in mills in Finland to assist work communities to adapt to challenging change situations and to give clarification regarding common operations models, work content and division of labour. Cooperative change workshops were held during 2008 at four of M-real's units in Finland, in which some 500 employees participated.

In Finland, a new collective labour agreement was concluded between the Finnish Paper Workers' Union and the Finnish Forest Industry Federation for the years 2008–2010. The agreement supports the development of new, more effective multi-skill based operations models within the units. The development of new operations models and the agreeing on new local pay systems were the key areas of focus of the Finnish mills during the second half of the year.

Management and personnel expertise was developed during the year by means of a number of different training programmes. From M-real, representatives participated in Metsäliitto Group's common management development programme, Challenger. In addition, M-real has developed and implemented in Finland and elsewhere in Europe its own management training programmes in which change management and successor planning are an important aspect. Production personnel competence was developed through multi-skill training and by encouraging employees to complete vocational degrees. Programmes promoting job rotation were implemented in Finland and Sweden.

The first phase of the Metsäliitto Group's common human resources management information system, along with the system's new recruitment tool, was brought on line at several of M-real's units during the year under review. The electronic systems improve the efficiency of human resources management.

### Personnel by country

|                 | Personnel*<br>31.12.2008 | Net employment<br>change 2008 | Average age of<br>employees 2008 |
|-----------------|--------------------------|-------------------------------|----------------------------------|
| Finland         | 2,258                    | -216                          | 45.5                             |
| Germany         | 1,414                    | -51                           | 45.8                             |
| Sweden          | 1,062                    | -74                           | 47.6                             |
| Austria         | 644                      | -44                           | 39.4                             |
| France          | 462                      | 5                             | 41.3                             |
| United Kingdom  | 102                      | -296                          | 43.3                             |
| Other Countries | 604                      | -19                           | 39.4                             |
| <b>Total</b>    | <b>6,546</b>             | <b>-695</b>                   | <b>44.5</b>                      |

\* M-real's number of personnel incorporates 30 per cent of Metsä-Botnia's employees

### Occupational safety and well-being at work

Well-being at work is an integral aspect of M-real's corporate strategy and, together with work safety, is regarded as vital to the company's profitable and successful operations.

Instead of corrective measures, the emphasis is on development and promotion of well-being, health and safety at work, and on early identification and addressing of issues that constitute an endangerment to work capacity and work safety. The objective is to ensure personnel well-being and safety through systematic, proactive measures.

During the year under review, M-real implemented the Metsäliitto Group's common occupational safety and well-being policy, as well as an occupational well-being programme and an accidents, occupational diseases and illness absences monitoring system. The system is used to identify risks related to reduced work capacity, allocate measures to prevent these risks, and to ensure that the workplace implements a return-to-work programme that supports the maintenance of work capacity.

Several successful return-to-work programmes were launched at M-real's Finnish units during the review period as a result of the monitoring system. Supervisors were also trained to interact with and support employees who are experiencing difficulties

copied with work tasks. Occupational safety and well-being was promoted and improved by implementing staff health promotion and rehabilitation programmes and by assessing and developing safe practices.

The occupational safety of M-real's production units was invested in extensively during the year and, as a result, absences due to accidents fell significantly compared to the previous year. Efforts were especially well rewarded at the Tako and Kyro mills. At the Tako mill, the frequency of accidents was more than halved and the number of accidents brought to below a third of the 2006 level. During the same period, the accident frequency at the Kyro mill dropped by a third and accidents were halved. The 2008 objective for the entire Metsäliitto Group was to reduce the accident frequency by 20 per cent on the previous year.

The positive developments at the Tako and Kyro mills have been influenced, for example, by mill safety tours conducted by management, together with mill safety inspection rounds conducted by small work safety groups and pairs, risk assessments, workplace surveys and work station ergonomics inspections, as well as the stricter use of personal protective equipment and increased provision of information. Employees have also been actively encouraged to observe and notify of any incidents or risk factors and to react to them without delay.

### Corporate responsibility reporting

M-real reports openly on the environmental impact of its activities in its Corporate Responsibility Report and mill-specific EMAS (Eco-Management and Audit Scheme) reports. The climatic impact of M-real's individual products is reported in the company's carbon footprint calculations, which the company has been conducting since 2007. M-real has published Paper Profile environmental declarations for all of its products. The declarations are published on the company website at: [www.m-real.com](http://www.m-real.com).

Product-specific carbon footprint calculation was continued during the year under review. The calculations provide interest groups with a clear picture of the climate change impact of M-real's products. The calculation adheres to the Carbon Footprint Framework for Paper and Board Products developed by the Confederation of European Paper Industries (CEPI).

M-real's 2008 Corporate Responsibility Report is published on its website at: [www.m-real.com](http://www.m-real.com). Further information on M-real's corporate responsibility management is provided in Metsäliitto Group's 2008 Annual Report.

| Occupational Safety and Well-being                           |      |      |      |
|--|------|------|------|
|  | 2008 | 2007 | 2006 |
| Sickness absenteeism (%)                                     | 4.7  | 4.4  | 4.4  |
| Work injury absenteeism (%)                                  | 0.2  | 0.2  | 0.2  |
| Lost time accident frequency rate (per million worked hours) | 18.8 | 15.1 | 19.9 |
| Reported near misses (per 100 employees)                     | 15.8 | 20.0 | 17.6 |

# Operating environment

## The operating environment of the paper and board industry is at a turning point

Globally, some 370 million tonnes of paper and board is produced annually. During the last decade, production volumes have grown the fastest in Asia, particularly in China. The trend seems to be that the paper and board production is transferring closer to the fastest growing markets. The global average paper and board consumption per capita is 55 kg.

The paper demand growth in North America and Europe has been low during the past few years. For certain paper grades in North America, a trend-like decrease in demand is visible. In comparison, the demand for board is increasing both in Europe and North America. Globally, the strongest demand growth for paper and board is seen in Asia and eastern Europe.

The demand growth slow down in North America and in the main European markets as well as the production capacity increases clearly exceeding the demand in Asia have augmented the overcapacity in European paper industry. After the turn of the millennium, the profitability of the industry has significantly weakened, mainly due to the decline in paper prices and the heavy cost inflation. In 2006, the overcapacity situation began to improve when capacity closures were started to be implemented on a larger scale. Over 10 per cent of the European paper capacity has been closed so far. Capacity closures are presumed to continue during the next few years provided that the improvement of the market balance is not adequate or long-lasting.

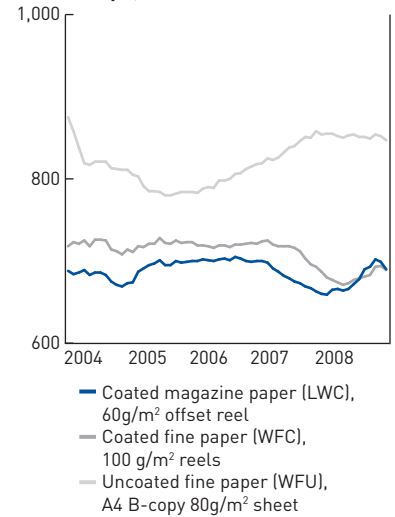
The market balance in Europe for primary fibre board is better compared with the paper grades. The demand for primary fibre board has continued to grow and the industry has not over-invested in new capacity. In addition, during the past few years, some of the weak capacity has been closed. The global competitive position of the European primary fibre board producers is better than that of the paper producers. However, the severe cost inflation has also put pressure on Europe's primary fibre board producers.

The weakening general economy affects the paper demand negatively. The impacts in board demand are traditionally smaller. The implemented capacity closures and the industry's structural changes so far provide a sounder basis for operations also during a downturn. Companies in the industry continue to focus and specialise on certain grades where they intend to improve their market positions.

In all main paper and board grades, there is a clear need for price increases to cover the cost inflation experienced during the past few years and to increase the industry's profitability. Thus, the required basis for new innovations is created which, also in longer term, will improve the competitive edge of the products.

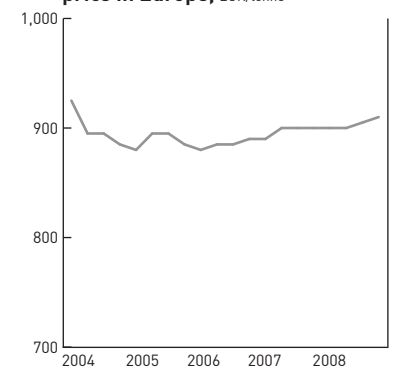
Through print media and fibre packaging, new growth paths can be discovered. Environmental aspects play an increasingly important role in consumer decision-making. The industry will have a clear advantage in the future as the main raw material is fully renewable, the majority of the energy the industry consumes is produced by the industry itself, and the products can be recycled several times before being utilised as energy at the end of their life cycle. The best potential to expanding to new end uses appears to be in the fibre packaging business.

**Paper market prices in Europe, EUR/tonne**



Source: FOEX

**Folding boxboard market price in Europe, EUR/tonne**



Source: M-real

### Production capacities in Europe

| Million tonnes/year | Europe | M-real | M-real's share (%) |
|---------------------|--------|--------|--------------------|
| Folding boxboard    | 2.7    | 0.8    | 30                 |
| Uncoated fine paper | 10.5   | 0.8    | 7                  |

Source: M-real, Pöyry





FINANCIAL STATEMENTS



# Financial statements 2008

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# Report of the Board of Directors 2008

## Market conditions in 2008

Due to the uncertainty of the general economy which started from the financial markets, the demand for consumption and investments reduced considerably. The economic uncertainty seems to continue in 2009 and also has negative effects on the demand situation of the European paper and board industry.

In 2008, M-real aimed for price increases on a wide front. Price increases for folding boxboard and coated papers were implemented successfully. However, for all main products there remains a clear need for price increases to cover the severe cost inflation experienced during the last few years.

At the annual level, the euro continued to strengthen against the U.S. dollar and the British pound. However, at the end of the year, the euro weakened slightly against other main currencies.

Pulp production had to be curtailed due to demand situation and high raw material costs. At the end of the year, paper and board production was also clearly curtailed to respond to the demand situation, which declined more than is usual for normal seasonal fluctuations.

The deliveries of European folding boxboard producers decreased by 4 per cent in

2008, and the deliveries of uncoated fine paper producers by 3 per cent. Overcapacity was also reduced in Europe in all main grades in 2008. The price of folding boxboard increased slightly but the price of uncoated fine paper remained constant. The price of pulp fell during 2008.

## Regrouping in reporting

According to IFRS regulations, Graphic Papers' mills which were divested to Sappi, have been reported in discontinued operations. In income statement, the mills have been reported in one line: Result from discontinued operations.

The remaining ex-Graphic Papers business area mills have been organised as follows:

- Äänekoski paper mill is part of Consumer Packaging business area and Husum paper mill's machine 8 part of Office Papers business area. Both continue production for Sappi under long-term contracts.
- Other Papers business area consists of the Reflex, Gohrsmühle and Hallein mills.

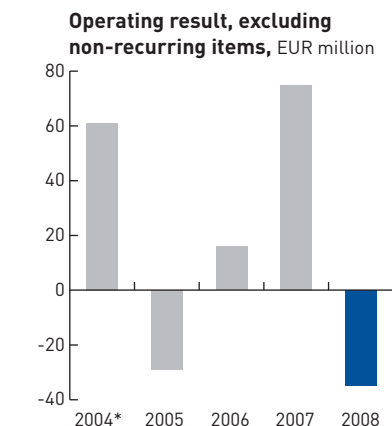
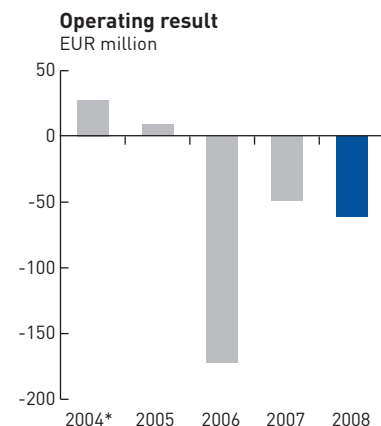
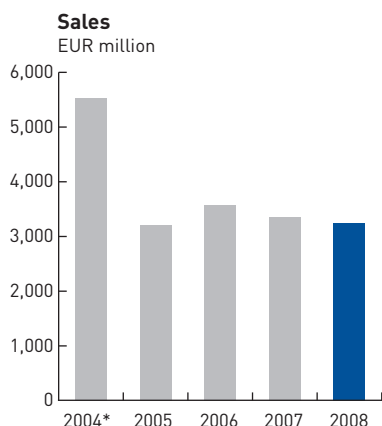
The historical figures were announced on the stock exchange release published on 23 January 2009.

## Result for the review period

M-real's sales totalled EUR 3,236 million (2007: 3,499 and 2006: 3,698). Comparable sales were down 5.9 per cent. The operating result excluding non-recurring items was EUR -35 million (2007: 75 and 2006: 21) and the operating result including non-recurring items was EUR -61 million (2007: -49 and 2006: -172). The result from continuing operations before taxes, excluding non-recurring items, totalled EUR -178 million (2007: -67 and 2006: -87). The result from continuing operations before taxes, including non-recurring items, was EUR -204 million (2007: -191 and 2006: -280).

The operating result was EUR -61 million (2007: -49 and 2006: -172). The non-recurring items recognised in the operating result amounted to EUR -26 million net (2007: -124 and 2006: -193), the most significant being:

- EUR 86 million impairment charges under IAS 36, of which EUR 66 million were allocated to Other Papers, EUR 16 million to Office Papers and EUR 4 million to Consumer Packaging. Of these, EUR 20 million was recognised in goodwill.



\* 2004 does not include the impacts of the Map Merchant and Graphic Papers divestments

- EUR 74 million recognised as realised fair value and capital gains from the sale of Pohjolan Voima shares in the Market Pulp and Energy segment.
- EUR 23 million positive effect in the Other Papers related to the sale of the New Thames mill and being freed from the pension liabilities of industrial operations in the UK, and other liabilities related to the closure of the Sittingbourne mill, as well as the removal of other responsibilities related to the closure of the Sittingbourne mill.
- EUR 14 million cost provision for streamlining M-real's business structure to reflect the divestment of Graphic Papers business in Other operations.
- EUR 13 million cost for the Pont Sainte Maxence (PSM) mill divested in June 2006 for a guarantee issued to the mill's energy supplier and for the write-down of receivables from PSM in Other operations.
- EUR 10 million cost provision and write-down for the closure of New Thames mill's cut-size operations in Office Papers.

Non-recurring items in 2007 totalled EUR -124 million, the most significant being:

- EUR 182 million net impairment loss, consisting of an impairment loss of EUR 185 million from the goodwill of Office Papers, and a EUR 3 million reversal of an impairment loss from the fixed assets of the Kyro paper mill in Consumer Packaging.
- EUR 135 million capital gain on the sale of Metsä-Botnia's shares in Other operations.
- EUR 16 million cost provision for finalising the closure of the Wifsta mill in Office Papers.
- EUR 16 million impairment loss due to the valuation of assets held for sale at the expected selling price in compliance with IFRS 5 in Other operations.

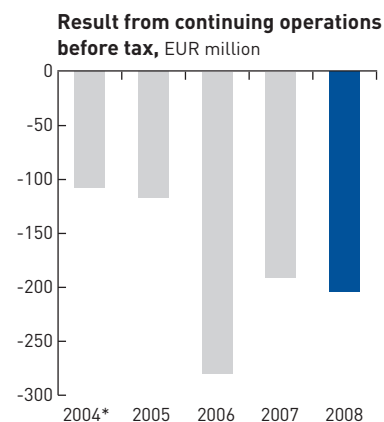
Compared with the previous year, the operating result, excluding non-recurring items, was weakened by increased wood raw material and energy costs, the stronger euro against the US dollar and British pound, and the considerable decrease in the demand in late 2008. The result was improved by implemented cost saving actions and price increases as well as the start up of the Metsä-Botnia Uruguay pulp mill in November 2007.

The total delivery volume of paper businesses in 2008 was 1,761,000 tonnes (2007: 1,911,000 and 2006: 2,205,000). Production was curtailed by 201,000 tonnes (2007: 100,000 and 2006: 124,000) in line with demand. The deliveries by Consumer Packaging amounted to 1,345,000 tonnes (2007: 1,386,000 and 2006: 1,334,000) and production curtailments were 73,000 tonnes (2007: 66,000 and 2006: 60,000).

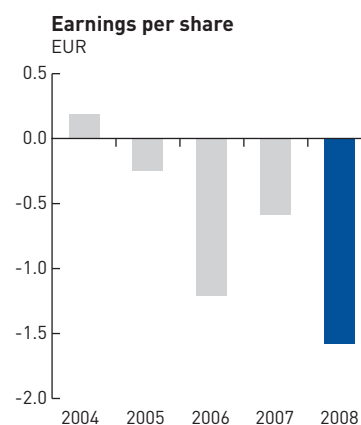
Financial income and expenses over the period totalled EUR -142 million (-139). Foreign exchange gains and losses from accounts receivables, accounts payable, financial income and expenses and the valuation of currency hedging were EUR 13 million (1). Net interest and other financial expenses amounted to EUR -155 million (-140). Other financial expenses include EUR 0 million of valuation gains on interest rate derivatives (valuation gains: 6).

In the review year, the result from continuing operations before taxes was EUR -204 million (2007: -191 and 2006: -280). The result from continuing operations before taxes, excluding non-recurring items, totalled EUR -178 million (2007: -67 and 2006: -87). Income taxes, including the change in deferred tax liabilities, were EUR 34 million (2007: 23 and 2006: 10).

Earnings per share were EUR -1.58 (2007: -0.59 and 2006: -1.21). Earnings per share from continuing operations excluding non-recurring items were EUR -0.48 (2007: -0.17 and 2006: -0.24). Return on equity was -10.4 per cent (2007: -8.5 and 2006: -14.8), and -9.0 per cent (2007: -2.8 and 2006: -6.6) excluding



\* 2004 does not include the impacts of the Map Merchant and Graphic Papers divestments



non-recurring items. Return on capital employed was -1.3 per cent (2007: -0.8 and 2006: -5.5); excluding non-recurring items -0.5 per cent (2007: 2.8 and 2006: 0.0).

### Personnel

The number of personnel in continuing operations was 6,546 on 31 December 2008 (2007: 7,241 and 2006: 9,314), of which 2,258 (31.12.2007 2,474 and 31.12.2006 3,110) worked in Finland. M-real's number of personnel incorporates 30 per cent of Metsä-Botnia's personnel. In 2008, salaries and wages totalled EUR 293 million (2007: 368 and 2006 414).

### Investments

Gross investments in 2008 totalled EUR 128 million (2007: 259 and 2006: 428), including a EUR 29 million share of Metsä-Botnia's investments (2007: 122 and 2006: 222). Metsä-Botnia's investment share is based on M-real's 30 per cent share of ownership (2007: 30 per cent and 2006: 39 per cent).

### Structural change

M-real's profit improvement and complexity reduction programme, launched in November 2007, was implemented according to the tar-

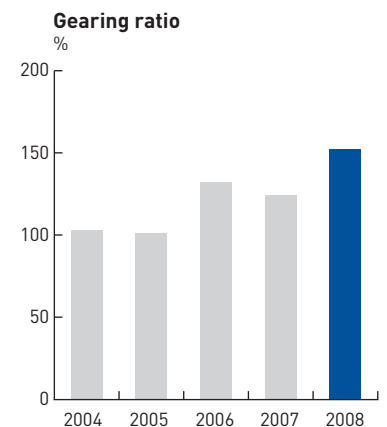
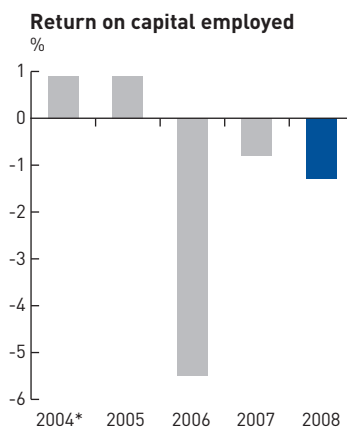
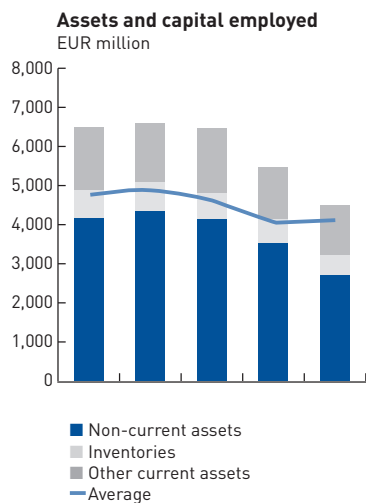
gets. As part of the programme, the Lielaiti BCTMP mill and coated magazine PM2 of the Kangas were closed in early 2008. The Publishing and Commercial Printing business areas were combined under the Graphic Papers business area. At the same time, projects were launched to simplify the coated magazine paper business concept and to streamline the sales and marketing organisation. The total annual profit improvement target excluding the divested Graphic Papers business was EUR 105 million. The full impact on result will be achieved by the end of 2010.

In February 2008, M-real published a target of a minimum of EUR 200 million from asset divestments, which should be achieved by the end of the first quarter of 2009. The target was clearly exceeded after the closing of the sale of Graphic Papers business. In addition, the programme included the sale of the New Thames mill and the 100,000 Pohjolan Voima's B2 shares. The positive cash effect of the New Thames mill sale, including the pension liabilities of the industrial operations in the UK, was approximately EUR 82 million. A profit of approximately EUR 24 million was booked from the transaction. The positive cash effect from the sale of 100,000 Pohjolan

Voima B2 shares was EUR 80 million and the non-recurring effect on result EUR 74 million.

As announced in June 2008, the sale of the Reflex mill to Arjowiggins was cancelled. The European Commission granted a conditional approval for the sale, but the conditions made the transaction impossible to carry out in practice.

In December 2008, M-real's sale of Graphic Papers business to the South African Sappi Limited was closed. The total value of the divestment was EUR 750 million. The transaction consideration consisted of EUR 480 million in cash and assumed debt, a EUR 220 million vendor loan note from Sappi to M-real and EUR 50 million of newly issued shares in Sappi. M-real's net debt decreased by about EUR 630 million at the closing of the transaction. The sale comprised the Kirkniemi and Kangas mills in Finland, the Stockstadt mill in Germany and the Biberist mill in Switzerland, with a total capacity of 1.9 million tonnes. As part of the transaction, M-real and Sappi entered also into a long-term agreement on the supply of pulp and BCTMP and other smaller services and supplies. Of the Graphic Papers Business Area's units, the paper mills in Hallein, Gohrsmühle, Reflex and Äänekoski, as well as



\* 2004 does not include the impacts of the Map Merchant and Graphic Papers divestments

the Husum mill's paper machine 8 remained in M-real's ownership. The Äänekoski paper mill and Husum mill's PM8 continue production for Sappi under a long-term contract.

In September 2008, M-real announced to be planning the discontinuation of the standard coated fine paper production at the Hallein and Gohrsmühle mills based on earlier examined strategic options. Both mills have been loss-making for a long period of time.

### Research and development

M-real's R&D has focused on renewing product concepts and improving efficiency in 2008. Product concept renewal during the review year gave rise to the LITE4U carton-board concept, and for papers, the Galerie Customer Programme.

M-real's research and development expenses were EUR 10 million in 2008, approximately 0.3 per cent of sales (2007: 14 and 0.4 per cent, 2006: 18 and 0.5 per cent).

### Environment

M-real's environmental policy is based on continuous improvement of its operations and minimisation of the environmental impact of its activities. To these ends, all M-real mills

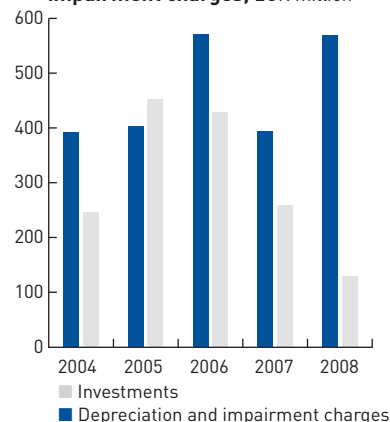
operate a certified ISO 9001 quality management system and an ISO 14001 environmental management system.

M-real strives to reduce the climatic impact of its activities, particularly by enhancing its energy efficiency. Metsäliitto Group's Climate Programme was launched at the start of the year under review. The programme is aimed at collecting information on work that has been or is being carried out to reduce the mills' impact on climate change. M-real implemented several energy saving production modifications and investments resulting in a calculated total decline in company CO<sub>2</sub> emissions of 35,628 tonnes. To support management in this area, a certified Energy Efficiency System (EES) will be introduced at all mills by the end of 2009.

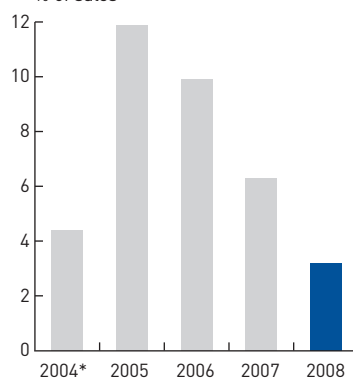
M-real has succeeded in continuously reducing its emissions to air, discharges into waterways and noise from mill operations. This has been achieved by applying Best Available Techniques (BAT). Mill water systems have been closed, cleaning methods enhanced and incidental emissions minimised.

The most significant atmospheric emissions include fuel-derived sulphur and nitrogen oxides which can cause water and soil acidification, carbon dioxide, the main driver

**Investments, depreciation and impairment charges, EUR million**

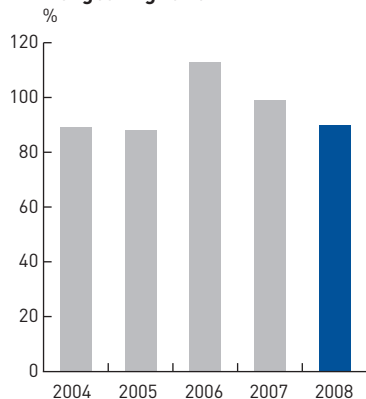


**Investments, continuing operations, % of sales**

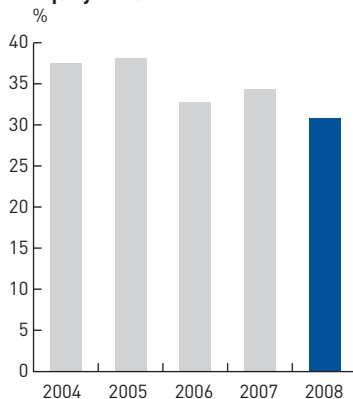


\* 2004 does not include the impacts of the Map Merchant and Graphic Papers divestments

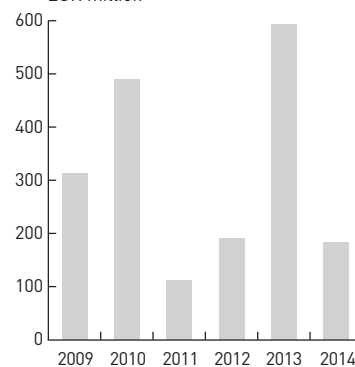
**Net gearing ratio**



**Equity ratio**



**Repayment of long term loan**  
EUR million



of climate change, and particle emissions, which have a negative impact on air quality. M-real has reduced its emissions to air by introducing low-sulphur fuels and by replacing fossil fuels with wood-based fuels.

The water consumption of M-real's production processes has been reduced continuously and work to close mill water systems even further is being continued, even though the majority of mills are located in areas of plentiful water supply.

Mill waste levels have been significantly reduced through efficient re-use of co-products. Waste sorting at mills and use as either raw material or for energy production reduces the need for landfill disposal. Packaging plastics, metals, paper and board are recycled. Process sludge and wood-based waste are used as fuels if they cannot be otherwise utilised. In office paper production, the fibre sludge generated during the recovered fibre deinking process is used in the building products industry and for energy production. Ash from power plants is used in earthworks construction as an alternative to gravel and other soil resources. Wood ash can also be used as a fertiliser. In forestry, it is used to restore nutrient balance to drained peat lands.

Authorised persons at M-real's production units were trained during the year under review to ensure that the requirements of the REACH regulation are satisfied. The by-products and intermediate products which the REACH registration obligations concern, have also been identified at M-real's production units. Indeed, with the entry into force of REACH, dialogue with chemical suppliers has assumed a more central role.

M-real is a major user of plant-based raw materials, so it follows research on genetically modified organisms (GMOs) closely. Research within the field of nanomaterials is also followed. M-real does not approve of

the use of GMO-based raw materials or new nanotechnology-based materials until there is enough experience available on their use as well as high-quality research data.

The number of old environmental liabilities has decreased due to the rehabilitation measures of contaminated land areas carried out in recent years. At the present time, significant known old environmental obligations concern only the closed Wifsta mill's, Sweden, landfill site decommissioned by M-real. Other known liabilities are the landfill sites of Niemen Saha in Tampere, Finland, and of Silverdalen mill, Sweden. Provisions made for meeting environmental obligations were approximately EUR 5 million at the end of the year.

M-real's environmental expenses in 2008 were EUR 57 million (65).

### Wood supply

M-real's parent company Metsäliitto Cooperative is responsible for M-real's wood supply. Metsäliitto and M-real are committed to using wood that is sourced responsibly and in compliance with local laws.

The bulk of M-real's domestic wood raw material comes from the forests of Metsäliitto Cooperative's owner-members. Metsäliitto also procures wood from Austria, Latvia, Lithuania, France, Sweden, Germany, Russia and Estonia. During the year under review, Metsäliitto delivered some 12.3 million cubic metres of wood to M-real's mills (including 30 per cent to Metsä-Botnia's mills). M-real knows the origin of the wood it procures whether it comes from a certified forest or not, and ensures the legality of the loggings.

During the year under review, approximately 67 per cent of the wood procured by Metsäliitto for M-real's mills comes from certified forests. M-real strives to increase the share of certified wood in its products and to launch more forest certification labelled products on the market.

The certified quality and environmental management systems used by Metsäliitto Wood Supply include a wood origin management system. The system enables M-real to know the origin of its wood even if the wood is not derived from a certified forest. All M-real mills employ a certified Chain of Custody system which enables them to verify the share of certified wood in their products.

### Financing

At year-end of 2008, M-real's equity ratio was 30.8 per cent (31 December 2007: 34.4 and 31 December 2006: 32.8) and the gearing ratio 152 per cent (2007: 124 and 2006: 132) and the net gearing was 90 (2007: 99 and 2006: 113). Some of M-real's financing agreements set a 120 per cent limit on the company's net gearing ratio and a 30 per cent limit on the equity ratio. Calculated as defined in the loan agreements, the net gearing ratio at the end of the year was approximately 74 per cent (86) and the equity ratio some 36 per cent (40).

Interest-bearing net liabilities totalled EUR 1,254 million at the end the year (31 December 2007: 1,867 and 31 December 2006: 2,403). Foreign-currency-denominated loans accounted for 12 per cent, 95 per cent were floating-rate and the rest were fixed-rate. At the end of 2008, the average interest rate on loans was 7.0 per cent and the average maturity of long-term loans 2.9 years. The interest rate maturity of loans was 3.4 months at the end of the year. During the year, the interest rate maturity has varied between 3 and 6 months.

Cash flow from operations amounted to EUR 118 million (2007: 325). Working capital was down by EUR 7 million (down 42).

At year-end, an average of 4.6 months of the net foreign currency exposure was hedged. The level of hedging varied between 4 and 6 months during the period. Approximately 88 per cent of non-euro-denominated equity was hedged at the end of the review period.



Liquidity is at a good level. The approximately EUR 400 million cash settlement in December from the divestment to Sappi improved M-real's liquidity and financing position considerably. Liquidity at the end of the period was EUR 1,454 million, of which EUR 904 million consisted of committed long-term credit facilities and EUR 550 million of liquid assets and investments. The company had also interest-bearing receivables worth EUR 303 million. In addition, to meet its short-term financing needs, the company had at its disposal non-binding domestic and foreign commercial paper programmes and credit facilities amounting to some EUR 550 million.

## Risks

M-real assesses its strategic, financial and liability risks at least twice a year. In 2008, the following risks and uncertainty factors were identified which, if they are realised, may affect M-real's financial performance and capacity to act:

### Global economic recession

In the main market areas, paper and board demand follows the general economic development. Due to the economic crisis resulting/ translating from financing markets, the paper and board demand was rapidly decreased at the end of 2008. This affects M-real's profitability directly. The development of demand during the beginning of 2009 is highly uncertain.

### Competitive environment

The balance between demand and supply affects the price level of paper and paperboard products. During the past two years, the market balance has improved considerably thanks to capacity cuts, and several price increases have been implemented. The possible decline of demand may, if continued, have unfavourable effects on this balance. The business cycles unfavourable to M-real, or,

the capacity increases by competitors may decrease prices. On the other hand, potential capacity closures by competitors could improve market dynamics.

### Credit and other counterparty risks

The management of the credit risks involved in commercial activities is the responsibility of M-real's business areas and centralised credit control. The credit control together with business areas defines the internal credit limits and terms of payment for different customers. Part of the credit risks are transferred further to credit insurance companies by means of credit insurance contracts. The global financing crisis has also affected the financial standing of largest credit insurance companies and their risk tolerance. As a result from this, M-real's client credit risk has increased considerably during the past few months. The client credit risk is aimed to be reduced by improving and intensifying internal credit control and its processes.

The main principles for the company's credit control are defined in the credit policy approved by the company's management. Counterparty-specific, approved maximum amounts are also applied to money market investments, derivatives and borrowings in order to ensure creditworthiness and to reduce risk concentrations.

### Changes in consumer habits

In the future, changes in the new electronic communications technology, marketing channels and other consumer habits may change the demand for M-real's paperboard and paper products.

### Price risks of production input costs

A radical and unforeseen rise in the price of production inputs important for M-real's operations, such as wood raw material, energy or chemicals, may reduce profitability and thus

the realisation of the savings objectives set. M-real attempts to hedge against this risk by entering into various derivative contracts for different time periods. The cost inflation in current economic situation seems to be, at least temporarily, at a considerably lower level compared to previous years.

### Liability risks

M-real's business operations involve various types of liability risks, such as general operational liability risks, environmental risks, product liability risks, etc. Attempts are made to manage these risks by improving business processes, practices, quality requirements and the transparency of operations. Part of the above-mentioned risks have been transferred to insurance companies by means of insurance contracts.

### Business interruption risks

Major accidents, natural catastrophes, serious malfunctions in critical information systems, labour disputes and delivery problems of the most important raw material suppliers, for example, may interrupt M-real's business operations and, in extreme cases, cause loss of customers. Comprehensive continuity and recovery plans have been drawn up in the business areas for reducing these risks. In addition, some of the mill operation interruption risks have selectively been transferred to insurance companies.

### Personnel

M-real has paid special attention to ensuring the availability of personnel by means of various development programmes and special measures. M-real attempts to prepare for a generational shift and other risks related to the availability of personnel by means of career planning and job rotation.

### Financial risks

The main financial risks involved in business operations relate mainly to currencies, interest rates, liquidity and counterparty risks and the use of derivative instruments.

The financial risks are managed in accordance with the treasury policy approved by M-real's Board of Directors. The aim is to hedge against significant financial risks, balance the cash flow and give the business units time to adjust their operations to changing conditions. M-real's financial risks and their management is described in more detail on pages 54–57 of this annual report.

### Preparing for and transferring risks

Identified risks are prepared for based on information and knowledge of the company itself, its partners or external experts have at their disposal. M-real cooperates actively with insurance companies related to risk management, for example, by regularly executing risk evaluations on different business areas. Part of the risks are borne by the company itself and part of them are selectively transferred by means of, for example, insurance contracts, derivative contracts and terms and conditions otherwise included in contracts, to be borne by insurance companies, banks and other counterparties. The transfer of risks by means of insurance contracts is primarily covered by global insurance policies addressing the most common loss risks, including:

- Property and business interruption insurance
- General third-party and product liability insurance
- Liability insurance for Directors and Officers
- Credit insurance
- Marine cargo insurance.

### Shares

In 2008, the highest price of M-real's B shares on the NASDAQ OMX Helsinki Ltd was EUR 3.28, the lowest EUR 0.67, and the average price EUR 1.59. At year-end, the price of the B share was EUR 0.69.

The trading volume of B shares was EUR 1,004 million, or 217 per cent of the share capital. The market value of the A and B shares totalled EUR 232 million at the year-end. The company has a total of 328,165,612 shares, which are divided into 36,339,550 Series A shares and 291,826,062 Series B shares. The total number of voting rights, conferred by shares, is 1,018,617,062.

At year-end, Metsäliitto Cooperative owned 38.6 per cent of M-real Corporation's shares, and the voting rights conferred by these shares was 60.5 per cent. International investors' holdings were 25 per cent. Finnish households owned approximately 16 per cent of the shares. M-real CEO, Deputy to the CEO and the Board of Directors owned approximately 0.1 per cent of the shares at year-end 2008.

On 9 January, Norges Bank's (Central Bank of Norway) holding in M-real increased

to 5.3 per cent of the share capital and 1.7 per cent of the voting rights.

On 2 May, Hermes Focus Asset Management Europe Ltd's holding in M-real decreased to 4.9 per cent of the share capital and 2.3 per cent of the voting rights.

On 29 September, Financier de l'Echiquier SA's holding in M-real increased to 5.1 per cent of the share capital and 1.6 per cent of the voting rights.

The Annual General Meeting on 13 March 2008 resolved to delete from the company's Articles of Association the stipulation on the minimum and maximum share capital, the record date provisions of book-entry system and the section concerning the par value of the company's shares.

### Distributable funds and dividend

The distributable funds of the parent company as of 31 December 2008 were EUR -303,901,093.04 of which the result for the financial year is EUR -535,312,028.39.

In its meeting on 5 February 2008, the Board of Directors decided to propose to the Annual General Meeting, to be held on 12 March 2009 that no dividend is paid for the financial year 2008. For 2007, paid dividend per share was EUR 0.06, in total EUR 19.7 million.

### Board of Directors and Auditors

The Annual General Meeting in March elected as members of M-real's Board of Directors Heikki Asunmaa, Counsellor of Forest Economy; Martti Asunta, M. Sc. (Forestry); Kari Jordan,

President and CEO of Metsäliitto Group; Erkki Karmila, LL.M.; Kai Korhonen, M. Sc. (Technology); Runar Lillandt, Counsellor of Agriculture; Juha Niemelä, Honorary Counsellor; and Antti Tanskanen, Minister. The term of office of the members of the Board of Directors expires at the end of the next Annual General Meeting. At its organising meeting following the Annual General Meeting, the Board of Directors elected Kari Jordan as its Chairman and Martti Asunta as its Vice Chairman.

The Annual General Meeting elected as M-real's auditor Authorized Public Accountants PricewaterhouseCoopers Oy. The term of office of the auditor expires at the end of the next Annual General Meeting.

#### **Events after the review period**

The new management and reporting structure including the Consumer Packaging, Office Papers and Other Papers business areas as well as the Market Pulp and Energy reporting segment was announced on 5 January 2009.

M-real announced on 8 January 2009 beginning of statutory negotiations concerning 1,500 people at mill operations in Finland.

M-real announced on 14 January 2009 of statutory negotiations at the Hallein mill, Austria, concerning 480 people and of plans to discontinue paper production at the end of April. At Gohrsmühle, Germany, standard fine paper production will be discontinued during April while the production of uncoated fine

paper reels and folio sheets will be expanded. The future options for Hallein pulp mill are under consideration. Also the strategic review related to paper businesses continues.

Standard & Poor's downgraded M-real's B- rating to CCC+. The outlook of the rating remains negative. Downgrade has an annual impact of approximately EUR 2 million on annual financing costs.

On 5 February 2008, M-real launched a new profit improvement programme with an annual target of EUR 80 million. The programme targets at savings in the business areas and streamlining the support functions to reflect the new company structure after the divestment of Graphic Papers. The full annual effect of the programme will be visible from 2011. The majority of the profit improvement measures are expected to be implemented in 2009, and the profit impact is estimated to be EUR 20-25 million in 2009. The related non-recurring costs booked during 2009 are expected to be about EUR 18 million. At the same time, M-real will also implement a separate EUR 60 million programme to boost the 2009 cash flow including e.g. reduction of operating net working capital and cuts in investments.

#### **Near-term outlook**

The demand for M-real's main products in Europe is expected to improve during the first quarter compared with the exceptionally low demand in late last year. The demand appears, however, to remain at a lower level compared

with the beginning of last year. The general uncertainty of the economy poses challenges to the short-term forecasting.

The price increases for folding boxboard implemented in late 2008 are visible in the average prices during the early part of this year. Folding boxboard prices are targeted to be increased later this year when market situation so enables. Despite the weakening demand for coated papers, the prices are targeted to be increased. For uncoated fine papers the need for price increases is great, however, due to the market situation their implementation is deferred to a later date. In the short term the aim is to maintain the current price level of uncoated fine papers.

Cost inflation is expected to ease considerably during 2009. Currently, it seems that the impact of the new profit improvement programme together with the earlier implemented measures will clearly exceed the 2009 cost inflation.

With the above factors taken in account, M-real's operating result for first quarter of 2009, excluding non-recurring items, is expected to improve seasonally from the fourth quarter of 2008 but to remain clearly negative.

# Consolidated income statement

| EUR million  | Note | 1.1.-31.12.2008 | 1.1.-31.12.2007 |
|--|------|-----------------|-----------------|
| <b>Continuing operations</b>   |      |                 |                 |
| <b>Sales</b>   | 3    | <b>3,236</b>    | <b>3,499</b>    |
| Change in stocks of finished goods and work in progress                                      | 6    | -2              | 48              |
| Other operating income   | 5    | 182             | 195             |
| Materials and services   | 6    | -2,155          | -2,317          |
| Employee costs   | 6    | -441            | -534            |
| Depreciation, amortization and impairment charges  | 3, 7 | -315            | -447            |
| Other operating expenses   | 6    | -566            | -493            |
| <b>Operating result</b>  |      | <b>-61</b>      | <b>-49</b>      |
| Share of profit from associated companies  | 13   | -1              | -3              |
| Net exchange gains/losses  | 8    | 13              | 1               |
| Interest and other financial expenses, net   | 8    | -155            | -140            |
| <b>Result from continuing operations before tax</b>  |      | <b>-204</b>     | <b>-191</b>     |
| Income taxes   | 9    | 34              | 23              |
| <b>Result for the period from continuing operations</b>                                      |      | <b>-170</b>     | <b>-168</b>     |
| Result for the period from discontinued operations   | 4    | -338            | -27             |
| <b>Result for the period</b>   |      | <b>-508</b>     | <b>-195</b>     |
| <b>Attributable to:</b>  |      |                 |                 |
| Shareholders of parent company   |      | <b>-517</b>     | <b>-194</b>     |
| Minority interest  |      | 9               | -1              |
|  |      | -508            | -195            |
| <b>Earnings per share for result attributable to the shareholders of parent company, EUR</b> |      |                 |                 |
|  | 10   |                 |                 |
| From continuing operations   |      | -0,55           | -0,51           |
| From discontinued operations   |      | -1,03           | -0,08           |
| <b>Total</b>   |      | <b>-1,58</b>    | <b>-0,59</b>    |

# Consolidated balance sheet

| EUR million  | Note   | 31.12.2008   | 31.12.2007   |
|--|--------|--------------|--------------|
| <b>ASSETS</b>  |        |              |              |
| <b>Non-current assets</b>                                    |        |              |              |
| Goodwill   | 11     | 51           | 172          |
| Other intangible assets                                      | 11     | 51           | 38           |
| Tangible assets  | 11, 33 | 1,808        | 2,820        |
| Biological assets  | 12     | 57           | 47           |
| Investments in associated companies                          | 13     | 63           | 64           |
| Available for sale investments                               | 14, 23 | 440          | 343          |
| Non-current financial assets                                 | 15, 23 | 232          | 24           |
| Deferred tax receivables                                     | 16     | 5            | 4            |
|  |        | <b>2,707</b> | <b>3,512</b> |
| <b>Current assets</b>  |        |              |              |
| Inventories  | 17     | 505          | 619          |
| Accounts receivables and other receivables                   | 18, 23 | 615          | 886          |
| Current income tax receivables                               |        | 44           | 44           |
| Derivate financial instruments                               | 26     | 84           | 40           |
| Cash and cash equivalent                                     | 19, 23 | 550          | 380          |
|  |        | <b>1,798</b> | <b>1,969</b> |
| <b>Total assets</b>  |        | <b>4,505</b> | <b>5,481</b> |
| <b>SHAREHOLDERS' EQUITY AND LIABILITIES</b>                  |        |              |              |
| <b>Equity attributable to shareholders of parent company</b> |        |              |              |
| Share capital  | 20     | 558          | 558          |
| Share premium account  |        | 667          | 667          |
| Translation differences                                      |        | -9           | -11          |
| Fair value and other reserves                                |        | 259          | 225          |
| Retained earnings  |        | -146         | 391          |
|  |        | 1,329        | 1,830        |
| <b>Minority interest</b>                                     |        | 57           | 52           |
| <b>Total shareholders' equity</b>                            |        | <b>1,386</b> | <b>1,882</b> |
| <b>Non-current liabilities</b>                               |        |              |              |
| Deferred tax liabilities                                     | 16     | 232          | 290          |
| Post employment benefit obligations                          | 21     | 98           | 159          |
| Provisions   | 22, 33 | 99           | 72           |
| Borrowings   | 23     | 1,568        | 1,883        |
| Other liabilities  | 24     | 18           | 38           |
|  |        | <b>2,015</b> | <b>2,442</b> |
| <b>Current liabilities</b>                                   |        |              |              |
| Current borrowings   | 23     | 538          | 453          |
| Accounts payable and other liabilities                       | 25     | 489          | 663          |
| Current income tax liabilities                               |        | 8            | 16           |
| Derivative financial instruments                             | 26     | 69           | 25           |
|  |        | <b>1,104</b> | <b>1,157</b> |
| <b>Total liabilities</b>                                     |        | <b>3,119</b> | <b>3,599</b> |
| <b>Total shareholders' equity and liabilities</b>            |        | <b>4,505</b> | <b>5,481</b> |

# Consolidated statement of changes in shareholders' equity

|   | Equity attributable to shareholders of parent company |                       |                         |                               |                   |              | Minority interest | Total        |
|---|---|-----------------------|-------------------------|-------------------------------|-------------------|--------------|-------------------|--------------|
|   | Share capital   | Share premium account | Translation differences | Fair value and other reserves | Retained earnings | Total        |                   |              |
| EUR million   |   |                       |                         |                               |                   |              |                   |              |
| <b>Shareholders' equity according to IFRS, 1 Jan. 2007</b>      | <b>558</b>  | <b>667</b>            | <b>3</b>                | <b>222</b>                    | <b>605</b>        | <b>2,055</b> | <b>63</b>         | <b>2,118</b> |
| Translation differences   |   |                       | -34                     |                               |                   | -34          | -3                | -37          |
| Net investment hedge  |   |                       | 28                      |                               |                   | 28           |                   | 28           |
| Available for sale investments                                  |   |                       |                         |                               |                   |              |                   |              |
| recorded in equity  |   |                       |                         | 5                             |                   | 5            |                   | 5            |
| transferred to other operating income                           |   |                       |                         | -5                            |                   | -5           |                   | -5           |
| Currency flow hedges  |   |                       |                         |                               |                   |              |                   |              |
| recorded in equity  |   |                       |                         | 8                             |                   | 8            |                   | 8            |
| transferred to income statement's sales                         |   |                       |                         | -22                           |                   | -22          |                   | -22          |
| Interest flow hedges  |   |                       |                         |                               |                   |              |                   |              |
| recorded in equity  |   |                       |                         | 0                             |                   | 0            |                   | 0            |
| Commodity hedges  |   |                       |                         |                               |                   |              |                   |              |
| recorded in equity  |   |                       |                         | 9                             |                   | 9            |                   | 9            |
| transferred to income statement's purchases                     |   |                       |                         | 9                             |                   | 9            |                   | 9            |
| Tax on equity components  |   |                       | -8                      | -1                            |                   | -9           |                   | -9           |
| Net expenses recognised directly in equity                      |   |                       | -14                     | 3                             |                   | -11          | -3                | -14          |
| Loss for the period   |   |                       |                         |                               |                   | -194         | -1                | -195         |
| Total recognised income and expenses for the period             |   |                       | -14                     | 3                             |                   | -194         | -4                | -209         |
| Related party transactions                                      |   |                       |                         |                               |                   |              |                   |              |
| Changes in minority interest during the period                  |   |                       |                         |                               |                   |              |                   |              |
| The sale of Metsä-Botnia shares (9%)                            |   |                       |                         |                               |                   |              | -11               |              |
| Metsä-Botnia restructuring in Uruguay                           |   |                       |                         |                               |                   |              | 5                 |              |
| Total   |   |                       |                         |                               |                   |              | -6                | -6           |
| Dividends paid  |   |                       |                         |                               |                   | -20          | -1                | -21          |
| Related party transactions                                      |   |                       |                         |                               |                   | -20          | -7                | -27          |
| <b>Shareholders' equity according to IFRS December 31, 2007</b> | <b>558</b>  | <b>667</b>            | <b>-11</b>              | <b>225</b>                    | <b>391</b>        | <b>1,830</b> | <b>52</b>         | <b>1,882</b> |
| Shareholders' equity according to IFRS, 1 Jan. 2008             | 558   | 667                   | -11                     | 225                           | 391               | 1,830        | 52                | 1,882        |
| Translation differences   |   |                       | -17                     |                               |                   | -17          | 2                 | -15          |
| Net investment hedge  |   |                       | 26                      |                               |                   | 26           |                   | 26           |
| Available for sale investments                                  |   |                       |                         |                               |                   |              |                   |              |
| recorded in equity  |   |                       |                         | 115                           |                   | 115          |                   | 115          |
| transferred to other operating income                           |   |                       |                         | -28                           |                   | -28          |                   | -28          |
| Currency flow hedges  |   |                       |                         |                               |                   |              |                   |              |
| recorded in equity  |   |                       |                         | -21                           |                   | -21          |                   | -21          |
| transferred to income statement's sales                         |   |                       |                         | 3                             |                   | 3            |                   | 3            |
| Interest flow hedges  |   |                       |                         |                               |                   |              |                   |              |
| recorded in equity  |   |                       |                         | -4                            |                   | -4           |                   | -4           |
| transferred to income statement's financial items               |   |                       |                         | -1                            |                   | -1           |                   | -1           |
| Commodity hedges  |   |                       |                         |                               |                   |              |                   |              |
| recorded in equity  |   |                       |                         | -17                           |                   | -17          |                   | -17          |
| transferred to income statement's purchases                     |   |                       |                         | -1                            |                   | -1           |                   | -1           |
| Tax on equity components  |   |                       | -7                      | -12                           |                   | -19          |                   | -19          |
| Net expenses recognised directly in equity                      |   |                       | 2                       | 34                            |                   | 36           | 2                 | 38           |
| Loss for the period   |   |                       |                         |                               |                   | -517         | 9                 | -508         |
| Total recognised income and expenses for the period             |   |                       | 2                       | 34                            |                   | -481         | 11                | -470         |
| Related party transactions                                      |   |                       |                         |                               |                   |              |                   |              |
| Changes in minority interest during the period                  |   |                       |                         |                               |                   |              |                   |              |
| Metsä-Botnia restructuring in Uruguay                           |   |                       |                         |                               |                   |              | -6                | -6           |
| Total   |   |                       |                         |                               |                   |              | -6                | -6           |
| Dividends paid  |   |                       |                         |                               |                   | -20          | 0                 | -20          |
| Related party transactions                                      |   |                       |                         |                               |                   | -20          | -6                | -26          |
| <b>Shareholders' equity according to IFRS December 31, 2008</b> | <b>558</b>  | <b>667</b>            | <b>-9</b>               | <b>259</b>                    | <b>-146</b>       | <b>1,329</b> | <b>57</b>         | <b>1,386</b> |

# Consolidated cash flow statement

| EUR million  | 2008       | 2007        |
|--|------------|-------------|
| Cash flow from operating activities                      |            |             |
| Result for the period                                    | -508       | -195        |
| Adjustments to the result, total                         | 619        | 479         |
| Interest received  | 16         | 14          |
| Interest paid  | -189       | -166        |
| Dividends received                                       | 1          | 1           |
| Other financial items, net                               | -21        | -9          |
| Income taxes paid  | -22        | -38         |
| Change in working capital                                | 7          | 42          |
| <b>Net cash flow from operating activities</b>           | <b>-97</b> | <b>127</b>  |
| Cash flow arising from investing activities              |            |             |
| Acquisition of shares in associated companies            | 0          | -1          |
| Acquisition of other shares                              | 0          | 0           |
| Capital expenditure                                      | -128       | -258        |
| Proceeds from disposal of subsidiary shares, net of cash | 386        | 350         |
| Proceeds from disposal of shares in associated companies | 0          | 239         |
| Proceeds from disposal of other shares                   | 80         | 0           |
| Proceeds from sale of fixed assets                       | 8          | 33          |
| Proceeds from long-term receivables                      | 9          | 6           |
| Increase in long-term receivables                        | 0          | 0           |
| <b>Net cash flow arising from investing activities</b>   | <b>355</b> | <b>369</b>  |
| Cash flow arising from financing activities              |            |             |
| Share issue, minority interest                           | 2          | 6           |
| Proceeds from non-current liabilities                    | 46         | 96          |
| Payment of non-current liabilities                       | -301       | -443        |
| Proceeds from current liabilities, net                   | 202        | -30         |
| Change in current interest-bearing receivables, net      | -18        | 95          |
| Dividends paid   | -20        | -20         |
| <b>Net cash flow arising from financing activities</b>   | <b>-89</b> | <b>-296</b> |
| <b>Change in cash and cash equivalents</b>               | <b>169</b> | <b>200</b>  |
| Cash and Cash Equivalents at beginning of period         | 380        | 182         |
| Translation adjustments                                  | 1          | -2          |
| Changes in Cash and Cash Equivalents                     | 169        | 200         |
| <b>Cash and Cash Equivalents at end of period</b>        | <b>550</b> | <b>380</b>  |
| Notes to the consolidated cash flow statement            |            |             |
| Adjustments to the result                                |            |             |
| Taxes  | -45        | -11         |
| Depreciation, amortization and impairment charges        | 569        | 567         |
| Share of results in associated companies                 | 1          | 3           |
| Gains and losses on sale of fixed assets and investments | -67        | -230        |
| Finance costs, net                                       | 154        | 165         |
| Provisions   | 7          | -15         |
|  | 619        | 479         |
| Change in working capital                                |            |             |
| Inventories  | -20        | -47         |
| Accounts receivables and other receivables               | 6          | 4           |
| Accounts payable and other liabilities                   | 21         | 85          |
|  | 7          | 42          |

The notes are an integral part of these financial statements.

# Notes to the accounts

## 1. Accounting policies

The principal accounting policies to be adopted in the preparation of the consolidated financial statements are as follows.

### Main operations

M-real Corporation is a Finnish public listed company that is domiciled in Helsinki. M-real Corporation and its subsidiaries comprise a forest industry group having manufacturing operations in five countries in Europe. Europe is also the company's main market area, but its products are sold worldwide. M-real's main product areas are folding boxboard, coated and uncoated fine papers. The Group's operations are organized into three business segments: Consumer Packaging, Office Papers, Other Papers and the reporting structure includes also the Market Pulp and Energy segment. The Group's other operations are the head office along with support functions.

### Accounting policies and measurement bases

M-real Corporation's consolidated financial statements have been prepared in accordance with International Financial Reporting Standards (IFRS). The Group consolidated financial statements were authorized for issue by the Board of Directors on 5 February 2009.

The financial statements have been prepared based on historical costs, except for biological assets, derivative contracts and certain other financial assets and liabilities that have been measured at fair value.

### Use of estimates in the financial statements

The preparation of financial statements in accordance with IFRS calls for the use of estimates and assumptions. These estimates and assumptions affect the value of balance sheet items at the closing date, the disclosure of contingent assets and liabilities and the

amounts of revenue and expenses during the reporting period. The estimates are based on management's best assessment at the balance sheet date, but actual amounts may differ from the estimates made.

### Impairment of non-current assets

The Group tests goodwill and intangible assets with indefinite useful lives at least once a year for impairment. Other non-current assets are tested when there are indications that the value has been impaired. The value in use approach has been adopted in impairment testing. The estimated discounted future cash flows can vary from actual cash flows due to long useful lives of assets, changes in estimated prices of product and product costs and changes in the discount rates. These could lead to significant impairment charges.

### Employee benefits

The Group operates in different countries a mixture of both defined benefit and defined contribution plans. Several statistical and other actuarial assumptions are used in calculating the expense and liability related to the plans. Among these assumptions there is the discount rate, expected return on plan assets, changes in future compensation and withdrawal. Statistical information may differ materially from actual results due to changes in economic conditions and changes in service period of plan participants among others. Changes in actuarial assumptions may have significant effect on Group's profit or loss, but the effect of these changes is recorded for employees' remaining average period of service.

### Environmental provisions

Group's operations are mainly based on own pulp and paper production. A significant amount of wood, chemicals, water and energy is used in processes.

Group's objective is to operate in compliance with regulations related to environmental is-

ssues and to reduce among others emissions to air and to water. The Group has recorded provisions for normal environmental liabilities. Unexpected events which may happen during production processes and waste treatment may cause substantial losses and additional costs.

### Income taxes

The Group reviews at the end of each reporting period whether it is probable that sufficient taxable profit will be available against which a deductible temporary differences, deferred tax assets, can be utilized. The actual outcome may differ from the factors used in estimates. This can lead to significant recognition of tax assets as tax expense in the income statement.

## PRINCIPLES OF CONSOLIDATION

### Subsidiaries

The consolidated financial statements include the accounts of the parent company M-real Corporation and all those subsidiaries in which the parent company controls at the end of the year, directly or indirectly, over 50 per cent of the voting rights or it otherwise exercises control of the company.

The financial period of all companies ended on 31 December 2008. Subsidiaries acquired or established during the financial period have been consolidated from the date of their acquisition. Companies in which a controlling interest has been given up during the financial year are included in the consolidated financial statements up to the time of sale.

The financial statements of subsidiaries have been translated, as necessary, to be in line with the accounting policies applied in the Group's financial statements.

Intra-Group shareholdings have been eliminated using the purchase method. The acquisition cost in excess of a subsidiary's equity at the time of purchase is allocated to the subsidiary's property, plant and equipment



if its carrying value is lower than the fair value. The portion allocated to property, plant and equipment is depreciated according to the plan for the category of property, plant and equipment in question. The unallocated portion is stated as goodwill on the assets side of the balance sheet.

All intra-Group transactions, unrealized margins on internal deliveries, internal receivables and liabilities as well as internal distribution of profits have been eliminated.

Minority interests have been separated out from Group profit attributable to shareholders of the parent and from shareholders' equity and presented as a separate item under equity.

#### **Associated companies**

Associated companies are companies in which M-real Corporation, either directly or indirectly, has a 20-50 per cent holding of the voting rights or a significant influence but over which it does not have control. Associated companies are included in the consolidated financial statements using the equity method. M-real's share of the results of associated companies is stated in the income statement on the line "Share of Profits from Associated Companies." The Group's portion of the net assets of associates, together with the goodwill having arisen on the acquisition less accumulated impairment losses, is presented in the balance sheet on the line "investments in associated companies". Equity accounting is discontinued when the carrying amount of the investment in associated company has decreased to zero, unless the Group has incurred or guaranteed obligations in respect of the associated company.

#### **Joint ventures**

Joint ventures are entities in which a company enters into a contractual arrangement whereby it shares control over the finances and operations together with other parties. The Group's holdings in joint ventures are

consolidated using the proportionate method line by line. Accordingly, M-real's consolidated financial statements include an amount of the joint ventures' assets, liabilities, revenue and expenses corresponding to the company's holding in them. Oy Metsä-Botnia Ab, Äänevoima Oy and Ääneverkko Oy have been consolidated on a proportionate basis line by line.

#### **Transactions in foreign currency**

M-real's operating currency is the euro. Transactions denominated in foreign currency are translated into euros using the exchange rate on the transaction date. Receivables and liabilities in foreign currencies are translated into operating currency using the exchange rates prevailing at the balance sheet date. Exchange gains and losses arising from such translations are recorded under "Financial income and expenses" with the exception of liabilities classified as hedges for net investment in a foreign entity, for which the currency gains and losses are entered for the part of hedge proven effective in the translation differences in shareholders' equity.

The income statements of Group companies whose reporting currencies are other than euro are translated into euros using average exchange rates for the reporting period, and their balance sheets at the exchange rates prevailing at the balance sheet date. Translation differences arising on translation and on applying the purchase method of consolidation are entered in shareholders' equity. In conjunction with divestments of subsidiaries, either by selling or by dissolving, translation differences accumulated by the time of divestment are entered in the income statement as part of the gain or loss from the divestment. In conjunction with the transition to IFRS, translation differences arising prior to 1 January 2004 are entered in retained earnings and are no longer shown in the income statement when the subsidiary is subsequently sold.

#### **Financial assets**

Financial assets have been classified according to the IAS standards as follows: 1) Financial assets at fair value through profit or loss, 2) Held-to-maturity investments, 3) Loans and other receivables and 4) Available-for-sale financial assets. Categorisation depends on the purpose for which the assets were acquired and is made at the time they were originally recorded. Financial asset purchases and sales are recorded at the settlement date.

Investments acquired for trading have been classified as financial assets at fair value through profit or loss. These may include, for example, short-term and long-term money market deposits, commercial papers and bonds. Financial assets held for trading have been recognized at fair value based on price quotations in the market. Unrealised and realised gains and losses due to changes in fair value are recognized immediately in the income statement during the financial period in which they are incurred.

Held-to-maturity investments include those investments which the Group has full intention and ability to retain until the date of their maturity. Loans and other receivables comprise external and Metsäliitto Group's internal loan receivables. Financial assets designated in these categories are carried at amortised cost using the effective interest method.

Available for sale financial assets consist of listed companies and other companies. The fair values of listed companies are based on public quotation for shares at the Balance sheet date. The most important shareholding of not quoted companies consists of three percentage stake in Finnish energy company Pohjolan Voima Oy. The ownership in Pohjolan Voima Oy is fair valued quarterly using discounted cash flow method. The changes in fair value are recorded in fair value reserve in equity and transferred from shareholders' equity to profit

and loss account when the investment is sold or its value is impaired so that an impairment shall be charged for the investment. Other shares in not quoted companies, where the fair value cannot be measured reliably are carried at cost less any impairment losses.

An impairment of financial assets must be charged, if the book value of the financial asset exceeds the amount of money obtainable for it, the assessment of which is based on, for example, the debtor's financial difficulties, neglect of payment or disappearance of an active market for the item in question.

Cash and cash equivalents comprise cash in hand, deposits held at call with banks and other short-term highly liquid investments. Cash and cash equivalents includes items with original maturities of three months or less.

### Financial liabilities

All the Group's financial liabilities are included under "Other liabilities" and loans are not classified as "Financial liabilities at fair value through profit or loss". Financial liabilities entered in the accounts are valued at cost equal to the fair value of the equivalent. Transaction costs are included in the original carrying value of all financial liabilities. All financial liabilities are later carried at amortized cost using the effective interest method.

### Derivative financial instruments and hedge accounting

Derivative financial instruments are initially recognized in the balance sheet at cost and thereafter during their term-to-maturity are revalued at their fair value. Gains and losses resulting from recognition at fair value are treated in accounting as required with regard to the intended use of the derivative in question. Derivatives are initially classified either as 1) Hedges of the exposure to changes in fair value of receivables, liabilities or firm

commitments, 2) Hedges of the cash flow from a highly probable forecast transaction, 3) Hedges of a net investment in a foreign entity, 4) Derivatives to which it has been decided not to apply hedge accounting or 5) Derivatives used for trading. Derivatives that do not qualify for hedge accounting are classified as financial assets or financial liabilities at fair value through profit or loss.

When applying hedge accounting, at the inception of a hedging relationship the Group has documented the relationship between the hedged item and the hedging instruments as well as the hedging strategy observed. To meet the requirements of hedge accounting, the Group has also continuously carried out effectiveness testing to verify that changes in the fair value of the hedging instrument for each hedging relationship cover effectively enough, with respect to the hedged risk, any changes in the fair value of the hedged item.

The fair value of derivatives is disclosed in current non-interest-bearing receivables or liabilities. The fair values of derivatives classified in accordance with the applied accounting practice are presented in Notes to the accounts no. 26. The maturity analysis of cash flow hedge accounting is presented in Notes to the accounts no. 27.

### Currency hedging

To hedge its foreign currency exposure, the Group has partly applied hedge accounting in accordance with IAS 39 as so-called cash flow hedge. A separately defined portion of the highly probable forecast cash flow of sales in USD, GBP and SEK is the object of hedge accounting. A change in the fair value of a derivative hedge (currency forward contracts) proven effective is entered directly in shareholders' equity in the fair value reserve, and only after the realisation of the forecasted sales transaction it is entered in the income statement as an adjustment of the hedged sales. Changes in the fair value of other currency derivatives

to hedge foreign currency exposure are recognized under financial items in the income statement. The fair values of forward foreign exchange contracts are based on forward prices prevailing at the balance sheet date, and currency options are stated at market rates in accordance with the Black&Scholes model.

The hedging of a net investment in a foreign entity is dealt with in the books like cash flow hedge. Changes in the fair value of a derivative and loan hedge proven effective are recognized directly against the translation differences accumulated in shareholders' equity. The ineffective portion of the hedge as well as the effect of the interest rate element of forward exchange contracts are recorded in financial income and expenses in the income statement.

### Interest hedging

To hedge the fair value of separately defined loans with derivatives contracts (interest rate swaps and currency swaps), the Group has applied hedge accounting in accordance with IAS 39 as so-called fair value hedge. Changes in the fair value of both defined loans and derivative contracts that meet the criteria for effective hedge accounting are recognized in financial income and expenses through profit and loss. The fair value of loans is calculated in respect of interest rate risk and currency risk elements, but any changes in the company's credit risk premium have not been taken into account.

Moreover, to hedge its interest rate exposure, the Group has partly applied hedge accounting in accordance with IAS 39 to hedging of contractual cash flows of floating interest rates of loans as so-called cash flow hedge. A change in the fair value of derivative contracts (interest rate swaps) is entered directly in shareholders' equity in fair value reserve.

All other interest rate derivatives, to which hedge accounting is not applied, are stated at their fair value, and changes in fair

value are recognized under financial items in the income statement. The fair values of forward rate agreements, interest rate futures and options are based on quoted market rates at the balance sheet date, and interest rate swaps and currency swaps are measured at the present value of future cash flows, with the calculation based on market interest rate yield curve.

### **Commodity risk hedging**

To hedge its electricity price risk exposure, the Group has partly applied hedge accounting in accordance with IAS 39 as so-called cash flow hedge. A separately defined portion of the highly probable forecast cash flow of electricity purchases in Finland and Sweden is the object of hedge accounting. A change in the fair value of a derivative hedge (forward electricity contracts) proven effective is entered directly in shareholders' equity in fair value reserve, and only after the realisation of the forecast electricity purchases it is entered in the income statement as an adjustment of the hedged purchases. The ineffective part of electricity derivatives classified to hedge accounting and other electricity, oil and pulp derivatives hedging commodity price risk are recognized at market rates at the balance sheet date, and changes in fair value are entered in the income statement under "Other income and expenses".

Embedded derivatives are valued at fair value, and changes in fair value are entered under financial items in the income statement. The amount of embedded derivatives at the M-real Group is insignificant.

### **Segment reporting**

The Group's primary segment reporting is based on business segments and secondary segment reporting on geographical segments. Business segments are defined in accordance with the Group's management organization.

Transactions between segments are

based on market prices. All sales and other transactions between segments are eliminated on consolidation. The same accounting policies are applied in segment reporting as for the Group as a whole.

The result reported for the segments is operating profit (profit before financial income and expenses). The assets of a segment include all the assets of the units belonging to the segment, except for assets related to financing and taxes. Goodwill arising on the acquisition of subsidiaries is allocated to the business segments in accordance with the matching principle. Segment liabilities include all the operating liabilities of the units belonging to the segment (all liabilities excluding liabilities relating to financing and taxes).

### **Non-current assets held for sale and discontinued operations**

An asset item/operation is classified as held for sale when the amount corresponding to its carrying value will be generated primarily from sale of the asset item.

Asset items classified as held for sale are measured at the lower of their carrying amount and fair value less costs to sell. Asset items classified as held for sale are not depreciated or amortized.

A discontinued operation is one which the Group has disposed of or that is classified as held for sale and represents a separate major line of business or geographical area of operations. The profit or loss from discontinued operations after tax is shown as a separate item in the consolidated income statement.

### **Recognition of income**

Sales are calculated after deducting indirect sales taxes, trade discounts and other items adjusting sales. Revenue from the sale of goods is recognized as income when the significant risks and benefits associated with ownership of the products have passed to the purchaser and the seller no longer has an actual right

of possession or control over the products. Revenue from the sale of services is recorded when the services have been rendered.

### **Delivery and handling costs**

Costs arising from the delivery and handling of goods are recorded in operating expenses in the income statement.

### **Research and development expenditure**

Research and development expenditure is recognized as an expense at the time it is incurred. Development expenditure is capitalized if it meets the criteria for capitalization. To date, M-real does not have capitalized R&D expenditure.

### **Borrowing costs**

Borrowing costs are generally recognized as an expense in the period in which they are incurred. When an item of property, plant and equipment is involved in a major and long-term investment project, the borrowing costs directly due to the acquisition and construction of the asset are included in the asset's cost. Transaction expenses directly due to obtaining loans are deducted from the original cost of said loan and periodized as interest expense using the effective interest rate method.

### **Income taxes**

Tax expense in the income statement is comprised of the current tax and deferred taxes. Income taxes are recorded on an accrual basis for the taxable income of each reporting unit, applying the tax rate in force in each country at that time. Taxes are adjusted for any taxes for previous periods.

Deferred taxes and tax assets are calculated on all the temporary differences between the accounting value and the tax base. The largest temporary differences arise from depreciation on property plant and equipment. The temporary differences arise also from measurement at fair value of the balance

sheets of acquired companies at the time of purchase, measurement of available for sale financial assets and derivative instruments at fair value, defined-benefit pension plans and unused tax losses also.

Deferred taxes have been calculated by applying the tax rates in force by the balance sheet date. Tax assets are recognized to the extent that it is probable that taxable profit will be available against which a deductible temporary difference can be utilized.

## INTANGIBLE ASSETS

### Goodwill

Goodwill is the portion of the cost of an acquired subsidiary, associated company or joint venture which exceeds the fair value of its net identifiable assets at the time of purchase.

Goodwill is not amortized but is tested annually to determine any impairment. Goodwill is measured at cost less accumulated impairment losses. An impairment loss is recorded as an expense in the income statement in the reporting period during which the impairment has been determined. Goodwill is allocated to cash-generating units for the purpose of impairment testing. An impairment loss is recognised when the recoverable amount of the cash-generating unit is less than the carrying amount of that unit. The impairment loss is allocated first to any goodwill allocated to that unit and then to the other assets of the unit on a pro-rata basis based on the carrying amount of each asset in the unit. An impairment loss recognised for goodwill is not reversed in subsequent periods.

The gain or loss on disposal of an entity includes the carrying amount of goodwill allocated to that entity.

### Computer software

Expenditure on developing and building significant new computer software programs are recognized in the balance sheet as an intangible asset and amortized over its useful life, which is not to exceed five years. Direct expenses to be capitalized include consultancy and expert advisory fees paid to outside parties, software licences obtained for the application, staff costs to the extent that they can be allocated directly to the project as well as other direct costs. Maintenance and operating expenditure related to computer software and EDP applications is recorded as an expense in the reporting period in which it has been incurred.

### Other intangible assets

The cost of patents, licences and trademarks having a finite useful life is capitalized in the balance sheet under intangible assets and amortized on a straight-line basis over their useful lives in 5-10 years.

### Emission rights

Allowances received by the governments free of charge have initially been recognised as intangible assets and the corresponding government grant as advance payment in liabilities based on fair value at the date of initial recognition. Allowances are measured at its cost or at their fair value if less. Allowances are not amortized. The emissions produced are recognised as cost and as liability together with the corresponding government grant as income both based on the value at the date of initial recognition. So rights consumed that are within the original range have no positive or negative effect on profit for the period. The costs of purchasing additional rights to cover excess emissions or the sale of unused rights have effect on profit.

### Property, plant and equipment

Property, plant and equipment is measured at original cost. The property, plant and equipment of acquired subsidiaries is measured at fair value at the time of the purchase. Property, plant and equipment is presented in the balance sheet at cost less accumulated depreciation and impairment losses. For investments in property, plant and equipment requiring a long construction time, the interest incurred during construction is capitalized in the balance sheet as part of the asset for the time that is necessary for bringing the asset to working condition for its intended use.

Property, plant and equipment is depreciated on a straight-line basis over the following expected useful lives:

|                                     |             |
|-------------------------------------|-------------|
| Buildings and constructions         | 20-40 years |
| Heavy power plant machinery         | 20-40 years |
| Other heavy machinery               | 15-20 years |
| Lightweight machinery and equipment | 5-15 years  |

Land and water areas are not depreciated. If the significant parts of an item of property, plant and equipment have useful lives of differing length, each part is depreciated separately.

The estimated economic lives are reviewed at each balance sheet date and if they differ significantly from previous estimates, the depreciation periods are altered accordingly.

Expenditures arising from large-sized modernization and improvement projects are capitalized in the balance sheet if it is probable that the economic benefit resulting from the projects will exceed the estimated revenue originally obtainable from the asset item that is to be modernized. Other expenditure related to repair and maintenance is expensed in the period in which it is incurred.

Gains and losses arising on the sale and decommissioning of items of property, plant and equipment are calculated as the difference between the net revenue obtained and the carrying amount. Capital gains and losses are included in operating profit in the income statement.

When a non-current item of property, plant and equipment is classified as held for sale, the recording of depreciation on said asset is discontinued. A non-current asset held for sale is measured at the lower of the carrying amount or the fair value less the expenses necessary to make the sale

#### **Government grants**

Government grants received for the purpose of purchasing property, plant and equipment and similar are entered as deferred income in balance sheet liabilities and recognized in other operating income during the actual useful life of the asset. Other grants are recorded as other operating income in the income statement for the financial periods during which they are matched with the corresponding expenses.

#### **Leases**

Leases on property, plant and equipment for which the Group assumes substantially all the risks and rewards incident to ownership of the asset are classified as finance lease agreements. A finance lease agreement is recognized in the balance sheet at an amount equal at the inception of the lease to the fair value of the leased property or, if lower, at the present value of the minimum lease payments. The corresponding lease payment liability is recorded in interest-bearing liabilities under other non-current liabilities. An asset obtained on a finance lease is depreciated over the useful life of the asset or, if shorter,

the lease term. Lease payments are split between financial expenses and a reduction in the lease liabilities.

Lease agreements in which the risks and rewards incident to ownership remain with the lessor are treated as other lease agreements (operating leases). Lease payments under an operating lease are recognized as an expense in the income statement on a straight-line basis over the lease term.

#### **Impairments**

Asset carrying values are measured at the end of each reporting period to determine any impairment. To facilitate impairment testing, the Group's assets are divided into identifiable smaller units that are substantially independent of the cash flows generated by other units. The carrying values of these cash-generating identifiable assets are always tested when there are indications that the value of the asset has been impaired, and any impairments are recorded as an expense. Nonetheless, those cash-generating units to which goodwill has been allocated are subjected to an impairment test annually.

The recoverable amount of an asset is the higher of its net selling price or fair value. Value in use is determined by discounting estimated future net cash flows.

An impairment loss recognized on an item of property, plant and equipment in prior periods is reversed if, and only if, there has been a change in the estimates used to determine the asset's recoverable amount since the last impairment loss was recognized. Following such a reversal, the value of the asset item must not exceed the carrying amount which it had, less depreciation, prior to the recording of the impairment loss.

An impairment loss recognized for goodwill is not reversed in subsequent periods.

#### **Biological assets**

Biological assets (living trees) are measured at fair value less the estimated expenses of making a sale. The fair value of a stand of trees, excluding young seedlings, is based on the present value of expected cash flows (revenue and expenses). The calculations take into account the future growth of the stand as well as the environmental protection-related limits on the forests. The calculation of income from fellings and silvicultural costs is based on the prevailing price level as well as the company's view of the future trend in prices and costs. Changes in the fair value of a stand of trees are included in operating profit during the financial period.

#### **Inventories**

Inventories are measured at the lower of cost and net realizable value. The cost of finished and semi-finished products comprises raw materials, direct labour expenses, other direct expenses as well as an appropriate share of fixed and variable production overheads. The normal capacity of the production facilities is used as the divisor in allocating overheads to the different production units.

The value of inventories is determined using the FIFO (first-in, first-out) method or, alternatively, the weighted average cost method. Net realizable value is the estimated selling price that is obtainable less the costs of completion and the costs necessary to make the sale.

#### **Accounts receivables**

Accounts receivables are measured at the expected net realizable value, which is the original invoicing value less estimated impairment provisions on the receivables. Impairment test

is carried for all receivables at bankruptcy or overdue over 180 days, when there is a justifiable reason to assume that the Group will not receive payment for the invoiced amount according to the original terms.

### Provisions

A provision is recognized in the balance sheet when the Group has a legal or constructive obligation as a result of a past event and it is probable that settlement of the obligation will require a financial payment or cause a financial loss, and a reliable estimate can be made of the amount of the obligation. If some or all of the expenditure required to settle a provision is expected to be reimbursed by another party, the reimbursement is recorded in the balance sheet as a separate asset, but only if it is virtually certain that reimbursement will be received.

### Restructuring

A restructuring provision is recorded for the financial period when the Group has incurred a legal or constructive obligation to make a payment. Termination payments are recorded when a detailed plan has been made of the restructuring and the main points of the plan have been communicated to the employees who are affected by the arrangement.

### Environmental obligations

Costs arising from environmental remediation which do not increase present or future revenue are recorded as annual expenses. Environmental liabilities are recorded in accordance with present environmental protection laws and regulations when it is probable that the obligation which has arisen and its amount can be estimated reasonably.

## EMPLOYEE BENEFITS

### Pension benefits

The Group has, in different countries, pension plans that comply with each country's local regulations and practices. Most of the pension plans are defined-contribution plans. The Group also has defined-benefit pension plans. They define pension security benefits, unemployment compensation and any post-employment benefits. The pension plans are funded by employer and employee contributions to pension insurance companies or a pension foundation on the basis of actuarial pension liability calculations. Under defined-benefit plans, the employer is generally responsible for ensuring that the former and present employees belonging to the plan receive the benefits defined in the plan's statutes.

In defined-benefit plans, the pension liability is stated as the present value of future pension contributions at the balance sheet date less the fair value of plan assets at the balance sheet date and adjusted for actuarial gains and losses as well as for past service costs. The pension liability is calculated by independent actuaries. Pension liabilities are recorded as pension obligations under balance sheet non-interest-bearing liabilities.

Pension expenditure is recorded in the income statement as an expense, periodizing it over employee's period of service. Actuarial gains and losses, to the extent they exceed the corridor set, are recorded for employees' remaining average period of service.

For defined-contribution pension plans, pension contributions are paid to insurance companies based on the work performed during the employee's period of service, after which the Group no longer has other pension obligations. The Group's payments into defined-contribution plans are recorded as an expense in the period during which the obligation was incurred.

### Share-based payment

A share based incentive program has been established for company's top executives. This compensation plan is recognised as equity-settled or cash-settled share-based payment transactions depending on the settlement. The possible reward of the incentive program from the year 2008 is based on Group's cash flow and return on capital employed and is paid partly in M-real's B shares and partially in money. Shares are valued using market value on the grant date.

### Earnings per share

Undiluted earnings per share are calculated using the weighted average number of shares during the reporting period. In calculating earnings per share adjusted for the effect of dilution, the average number of shares is adjusted for the dilution effect of any equity instruments that have been issued. In calculating earnings per share, earnings are taken to be the reported earnings attributable to the parent company's shareholders. Earnings, both undiluted and adjusted for the effect of dilution, are calculated separately for continuing and discontinued operations.

### Dividends payable

Dividends payable by the company are recorded as a decrease in equity in the period during which shareholders, in a general meeting, have approved the dividend for payment.

### Comparative figures

Where necessary, comparative figures have been classified to conform to changes in presentation in the current year. In June 2008 the Group announced that the shares in Finnish energy company Pohjolan Voima Oy have been fair valued. Comparative information has been restated. In September 2008 the Group announced the sale the Graphic Papers business. Graphic Papers business has been classified as discontinued operation. The post-

tax result and the loss on disposal have been shown as a separate item in the consolidated income statement after the result from continuing operations.

### **New and amended standards and interpretation that are effective in 2008, but not relevant to the group's financial statements**

**IAS 39 (Amendment) and IFRS 7 (Amendment), 'Reclassification of financial assets'**. The amendment permits an entity to reclassify non-derivative financial assets out of the held for trading category and from the available-for-sale category in particular circumstances and with certain criteria. In case of reclassification additional disclosures are required. The amendment is effective from 1 July 2008. The group has not applied the treatment allowed by the amendment during the financial year.

The IASB has published the following standards and interpretations whose application will be mandatory in 2009 or later. The group has not early adopted these standards, but will adopt them in later periods.

The following standards and interpretations will be adopted by the group in 2009:

**IAS 1 (Revised), 'Presentation of Financial Statements'**. The revised standard is aimed at improving users' ability to analyse and compare the information given in financial statements by separating changes in equity of an entity arising from transactions with owners from other changes in equity. Non-owner changed in equity will be presented in the statement of comprehensive income.

**Amendment to IAS 23, 'Borrowing Costs'**. The amended standard requires an entity to capitalise borrowing costs directly attributable to a qualifying asset as part of the cost of that asset. The option of immediately expensing

those borrowing costs will be removed. The amendment does not change the accounting policy applied by the group and therefore, does not have any impact on the group's financial statements.

**Amendment to IFRS 2, 'Share-based payment'**, clarifies that only service conditions and performance conditions are vesting conditions. All other features need to be included in the grant date fair value and do not impact the number of awards expected to vest or the valuation subsequent to grant date. The amendment also specifies that all cancellations, whether by the entity or by other parties, should receive the same accounting treatment. The amendment is not expected to have an impact on the group's financial statements.

**IFRS 8, 'Operating Segments'**. The new standard replaces IAS 14. The new standard requires a 'management approach', under which segment information is presented on the same basis as that used for internal reporting purposes. The segments reported by the group will also in the future be the same as the business segments under IAS 14, but the manner in which the segments are reported, will change slightly to be consistent with the internal reporting.

**IFRIC 11, 'IFRS 2 – Group and treasury share transactions'**. The interpretation provides guidance on whether share-based transactions involving treasury shares or involving group entities should be accounted for as equity settled or cash-settled share-based payment transactions in the stand-alone accounts of the parent and group companies. The interpretation will not have a material impact on the group's financial statements.

**IFRIC 13, 'Customer Loyalty Programmes'**. The interpretation clarifies that where goods or services are sold together with a custo-

mer loyalty incentive, the arrangement is a multiple-element arrangement and the consideration receivable from the customer is allocated between the components of the arrangement using fair values. IFRIC 13 will not have an effect on the group's financial statements as none of the group's companies operate loyalty programmes.

**IFRIC 14, 'IAS 19 – The Limit on a Defined Benefit Asset, Minimum Funding Requirements and their Interaction'**. The interpretation is applied to post-employment defined benefit plans and other long-term defined benefit plans under IAS 19, if the plan includes minimum funding requirements. The interpretation also clarifies the criteria for recognition of an asset on future refunds or reductions in future contributions. The management assesses that the interpretation will have an effect on the accounting for some of the defined benefit plans of the group, but the impact on the on the group's financial statements will most likely not be material.

**IFRIC 16, 'Hedges of a Net Investment in a Foreign Operation'**. IFRIC 16 clarifies the accounting treatment in respect of a hedge of a net investment in a foreign operation. This includes the fact that net investment hedging relates to differences in functional currency not presentation currency. In addition hedging instruments may be held anywhere in the group. The requirements of IAS 21, 'The effects of changes in foreign exchange rates', do apply to the hedged item. Management assesses that the interpretation will increase the group's possibilities to apply hedge accounting, but the impact on the on the group's financial statements will most likely not be material.\*

IASB published changes to 34 standards in May 2008 as part of the annual Improvements to IFRSs project. The following presentation includes those changes, that the group will

adopt in 2009 and where the management assesses that the change may have an impact on the group's financial statements:

**IAS 1 (Amendment), 'Presentation of financial statements'**. The amendment clarifies that some rather than all financial assets classified as held for trading in accordance with IAS 39 are current assets. Management assesses that the amendment will not have a material impact on the financial statements of the group.\*

**IAS 19 (Amendment), 'Employee benefits'**. The amendment clarifies among others things that a plan amendment that results in a change in the extent to which benefit promises are affected by future salary increases is a curtailment, while an amendment that changes benefits attributable to past service gives rise to a negative past service cost if it results in a reduction in the present value of the defined benefit obligation. Management assesses that the amendment will not have a material impact on the financial statements of the group.\*

**IAS 23 (Amendment), 'Borrowing costs'**. The definition of borrowing costs has been amended so that interest expense is calculated using the effective interest method defined in IAS 39. Management assesses that the amendment will not have a material impact on the financial statements of the group.\*

**IAS 27 (Amendment), 'Consolidated and separate financial statements'**. Where an investment in a subsidiary that is accounted for under IAS 39, 'Financial instruments: recognition and measurement', is classified as held for sale under IFRS 5, 'Non-current assets held-for-sale and discontinued operations', IAS 39 would continue to be applied. Management assesses that the amendment will not have a material impact on the financial statements of the group.\*

Management assesses that the amendment will not have a material impact on the financial statements of the group.\*

**IAS 28 (Amendment), 'Investments in associates'** (and consequential amendments to IAS 32, 'Financial Instruments: Presentation', and IFRS 7, 'Financial instruments: Disclosures'). An investment in an associate is treated as a single asset for the purposes of impairment testing. Any impairment loss is not allocated to specific assets included within the investment, for example, goodwill. Reversals of impairment are recorded as an adjustment to the investment balance to the extent that the recoverable amount of the associate increases. Management assesses that the amendment will not have a material impact on the financial statements of the group.\*

**IAS 36 (Amendment), 'Impairment of assets'**. Where fair value less costs to sell is calculated on the basis of discounted cash flows, disclosures equivalent to those for value-in-use calculation should be made. The change to the standard will increase the amount of information presented on impairment testing in the notes to the financial statements of the group.\*

**IAS 39 (Amendment), 'Financial instruments: Recognition and measurement'**. The amendment clarifies among other things the classification of derivative instruments where there is a change in the hedge accounting, the definition of financial asset or financial liability at fair value through profit or loss and requires use of a revised effective interest rate to remeasure the carrying amount of a debt

instrument on cessation of fair value hedge accounting. Management assesses that the amendment will not have a material impact on the financial statements of the group.\*

**IAS 41 (Amendment), 'Agriculture'**. The amended standard requires the use of a market-based discount rate where fair value calculations are based on discounted cash flows and removes the prohibition on taking into account biological transformation when calculating fair value. Management assesses that the amendment will not have a material impact on the financial statements of the group.\*

The following new standards and interpretations effective in 2010 are not relevant to the financial statements of the group:

**IFRS 1 (Amendment) 'First time adoption of IFRS', and IAS 27 'Consolidated and separate financial statements'**. The amended standard allows first-time adopters to use a deemed cost of either fair value or the carrying amount under previous accounting practice to measure the initial cost of investments in subsidiaries, jointly controlled entities and associates in the separate financial statements. The amendment also removes the definition of the cost method from IAS 27 and replaces it with a requirement to present dividends as income in the separate financial statements of the investor. The amendment does not have an impact on the group's financial statements, and the group companies are not applying IFRS in their stand alone financial statements.\*



**IFRIC 13, 'Customer Loyalty Programmes'.**

IFRIC 13 clarifies that where goods or services are sold together with a customer loyalty incentive, the arrangement is a multiple-element arrangement and the consideration receivable from the customer is allocated between the components of the arrangement using fair values. IFRIC 13 is not relevant to the group's operations because none of the group's companies operate any loyalty programmes.

The following standards and interpretations published by the IASB will be adopted by the group in 2010:

**IFRS 3 (Revised), 'Business combinations'.**

The revised standard continues to apply the acquisition method to business combinations, with some significant changes. For example, all payments to purchase a business are to be recorded at fair value at the acquisition date, with some contingent payments subsequently remeasured at fair value through income. Goodwill may be calculated based on the parent's share of net assets or it may include goodwill related to the minority interest. All transaction costs will be expensed. Management is assessing the impact of this revision on the financial statements of the group. \*

**IAS 27 (Revised), 'Consolidated and separate financial statements'.**

The revised standard requires the effects of all transactions with non-controlling interests to be recorded in equity if there is no change in control. They will no longer result in goodwill or gains and

losses. The standard also specifies the accounting when control is lost. Any remaining interest in the entity is remeasured to fair value and a gain or loss is recognised in profit or loss. Management is assessing the impact of this revision on the financial statements of the group. \*

**IAS 39 (amendment), 'Financial instruments: Recognition and measurement – Eligible Hedged Items'.**

The amendment prohibits designating inflation as a hedgeable component of a fixed rate debt. It also prohibits including time value in the one-sided hedged risk when designating options as hedges. This amendment does not have an impact on the group's financial statements. \*

**IFRS 5 (Amendment), 'Non-current assets held-for-sale and discontinued operations'.**

(and consequential amendment to IFRS 1, 'First-time adoption'). The amendment is part of the IASB's annual improvements project published in May 2008. The amendment clarifies that all of a subsidiary's assets and liabilities are classified as held for sale if a partial disposal sale plan results in loss of control. Relevant disclosure should be made for this subsidiary if the definition of a discontinued operation is met. A consequential amendment to IFRS 1 states that these amendments are applied prospectively from the date of transition to IFRSs. Management is assessing the impact of this revision on the financial statements of the group. \*

**IFRIC 17, 'Distributions of non-cash assets to owners'.**

The interpretation clarifies how an entity should measure distributions of assets other than cash made as a dividend to its owners. This amendment does not have an impact on the group's financial statements. \*

The following new standards and interpretations effective in 2010 are not relevant to the financial statements of the group:

**IFRIC 12, 'Service Concession Arrangements'.**

The interpretation applies to contractual arrangements whereby a private sector operator participates in the development, financing, operation and maintenance of infrastructure for public sector services. \*

\* The standard/ interpretation is still subject to endorsement by the European Union.

## 2. Management of financial risks

The financial risks associated with business operations are managed in accordance with the financial policy endorsed by the Board of Directors and the senior management of the company. The policy defines focal instructions on the management of foreign currency, interest rate, liquidity and counterparty risks and for the use of derivative financial instruments. Correspondingly, commodity risks are managed according to the company's commodity risk policy. The purpose is to protect the company against major financial and commodity risks, to balance the cash flow and to allow the business units time to adjust their operations to changing conditions.

Metsä Group Financial Services Oy (Metsä Finance) is specialised in finance and functions as the Group's internal bank. M-real's holding in Metsä Finance is 51 per cent and Metsäliitto Cooperative's holding is 49 per cent. Financial operations have been centralised to Metsä Finance, which is in charge of managing the Group companies' financial positions according to the strategy and financial policy, providing necessary financial services within the Metsäliitto Group and acting as an advisor in financial matters.

### Foreign currency risk

The Group's foreign currency exposure consists of the risks associated with foreign currency flows, translation risk of net investments in foreign entities and economic currency exposure. Most of the Group's costs are incurred in the euro zone and to some extent in Sweden, but a significant part of the sales is in other currencies. Sales revenue may therefore vary because of changes in exchange rates, while production costs remain unchanged. Product prices are also often quoted in currencies other than the home currency. In the foreign

currency transaction exposure, which consists of foreign currency denominated sales revenue and costs, are included foreign currency denominated sales receivables, accounts payable, received orders and a certain part of the forecast net currency cash flow.

The main currencies of the Group's foreign currency transaction exposure are the US dollar, the British pound and the Swedish krona. A strengthening of the dollar and the pound has a positive impact on the financial result and a weakening a negative impact. A weakening of the Swedish krona has a positive impact on the result. Other significant currencies are AUD, CAD, CHF, DKK and NOK. The hedging policy is to keep an amount corresponding to three months' cash flows of all contractual or estimated currency flows consistently hedged. The hedging level can, however vary between 0–12 months as the financial policy has defined separate risk mandates for deviating from the norm hedging. The Board of Directors decides on significant changes in the hedging level if they see a reason to deviate from the norm set out in the financial policy. The amount of currency-specific hedging depends on current exchange rates and market expectations, on the interest rate differences between the currencies and the significance of the exchange rate risk for the financial result. The transaction exposure is mainly hedged by forward transactions but also by the use of foreign currency loans and currency options.

Hedge accounting in accordance with IAS 39 is applied partially to the hedging of the currency transaction exposure, which allows fair value changes of hedges designated to hedge accounting to be entered directly in shareholders' equity in fair value reserve. At the end of the reporting period the foreign exchange transaction exposure had been hedged 4.6 months on average. During the reporting period, the hedging level has varied between 4 and 6 months. The dollar's hedging level was

4.0 months, of which the portion of hedge accounting was 1.5 months. The Swedish krona's hedging level was 5.3 months, of which the portion of hedge accounting was 4.7 months. The pound's hedging level was 4.7 months, of which the portion of hedge accounting was 1.4 months. Hedges allocated to hedge accounting have been used to hedge the portion of highly probable forecast sales of the currency transaction exposure.

The translation risk of a net investment in a foreign entity is generated from the consolidation of the equity of subsidiaries and associated companies outside the euro area into euros in the consolidated financial statements. According to the financial policy, 50–100 per cent of equity should be hedged. The translation risk of equity has been hedged through the use of forward transactions and foreign currency loans and the position has been kept hedged in all the main currencies. Hedge accounting in accordance with IAS is applied to the hedging of the equity exposure. This allows the exchange gains and losses of effective hedging to be entered into the equity offsetting translation differences. During the reporting period on average 97 per cent of the equity position was hedged and at the end of the reporting period 88 per cent.

The Group applies the Value-at-Risk method to assess the risk of its open foreign currency positions. The VaR is calculated on the deviation from the three-month foreign currency exposure hedge norm defined in the financial policy. A 99 per cent confidence level on one month period is applied to the VaR risk figure, i.e., the VaR indicates that with a 1 per cent probability the market value of the open foreign currency position depreciates more than the amount of the risk figure in a month. The risk mandates regarding hedging decisions have been defined by restricting the company management's powers by linking them to maximum currency-specific hedging level changes and to a VaR limit.

Possible strategic decisions which exceed the policy risk limits are made by the Board of Directors. The limit set for the M-real Group's foreign currency risk is EUR 15 million and the VaR is at the end of the reporting period EUR 12.7 million. Average during the period has been EUR 8.6 million. The risk figure has been relatively high, as the hedging levels of the major currencies have from time to time been higher than the three-month hedging norm. The Value-at-Risk method is also used to assess the market risk of Metsä Finance's trading operations. Trading volume has been relatively low during the reporting year: Metsä Finance's average VaR (of one day at 99 per cent) was only EUR 0.18 million in 2008. The volumes and fair values of derivatives used in the management of foreign currency risks are presented in Notes no. 28.

### Interest rate risks

The interest rate risk is related mainly to the interest bearing receivables and loans and currency hedging. The most significant currencies in risk management are the euro, the US dollar, the British pound and the Swedish krona. The objective of the interest rate risk policy is to minimise the negative impact of interest rate changes on the result and the financial position, and to optimise financing costs within the framework of risk limits. The effect of interest rate changes on financial costs depends on the average interest fixing time of interest bearing assets and liabilities, which is measured in the Group by duration. As duration diminishes the rise of interest rates affects more quickly the interest expenses of financial liabilities. The maturity of the loan portfolio can be influenced, e.g., by adjusting between floating-rate and fixed-rate loans and by using interest rate derivatives. The Group uses in its interest rate risk management interest rate swaps, interest rate futures and interest rate options.

The average interest duration norm based on the Group's financial policy is 6 months. The duration can, however, deviate from the hedging policy norm so that the decision of a deviation exceeding four months has to be made by the Board of Directors. The average duration of loans was 3.4 months at the end of the year. During the reporting period duration has varied between 3 and 6 months. At the end of 2008, an increase of one per cent in interest rates would increase interest rate costs of the next 12 months by EUR 8.3 million.

The Group is exposed to a risk of change in the value of derivatives due to a change in market prices when using interest rate derivatives, since according to IAS 39 derivatives must be valued to their fair value in the balance sheet. However, the partial application of hedge accounting will balance the effects of changes in the market value of derivatives on the financial result. The Group is applying fair value hedge accounting in accordance with IAS 39 to fixed-rate loans which have been converted by interest rate and currency swaps to floating-rate financing. In addition, the Group is applying cash flow hedge accounting in accordance with IAS 39 to the major part of the interest rate swaps, by which floating-rate financing has been converted to fixed-rate financing. The gross nominal volume of interest rate derivatives at the time of financial statements (including currency swap contracts) is EUR 1,412 million, of which the portion of reversed contracts is EUR 487 million. Of the derivatives portfolio, EUR 746 million is allocated to hedge accounting, and the portion of derivatives recognized in the balance sheet through profit or loss is EUR 179 million. The maturity of interest rate swap and currency swap contracts varies between 1–6 years.

### Commodity risk

In the hedging of commodity risks the Group applies risk management policies defined separately for each selected commodity.

According to the policy, the management of commodity risks with regard to derivatives is accomplished by Metsä Finance based on the strategy approved by Board of Directors of M-real. So far the commodity hedging policy is applied to the management of the price risks of electricity and natural gas. Also transactions related to Emission rights are managed by Metsä Finance.

M-real's target in managing the electricity price risk is to balance the effect of changes in the price of electricity on the Group's result and financial position. The main principle is to hedge the electricity purchase exposure, which consists of the difference of factory-specific electricity consumption estimates and power plant production shares in the possession of the Group. With regard to the Finnish and Swedish electricity procurement, the hedge strategy is implemented in cooperation with M-real Energy through Metsä Finance. The Central European energy unit will implement the hedging of Central Europe's electricity price risks according to instructions of M-real Energy either by physical contracts or by financial contracts through Metsä Finance. M-real hedges the electricity price risk actively by setting the hedging norm at 85, 55 and 25 per cent share of the estimated net position during the first, second and third successive 12-month periods. Hedge accounting in accordance with IAS 39 has been applied partially to electricity hedging. Consequently the fair value of hedges allocated to hedge accounting is entered in equity in fair value reserve and only after the realisation of electricity purchases in the income statement as an adjustment of the purchases.

Approximately a third of M-real's mills' use of fuel is based on natural gas. The hedging of natural gas price risks has been done with physical, fixed-price contracts. In Finland only the oil-related portion of the contract has been fixed. The prices of natural gas have typically been fixed to Fuel-Oil and/or Gas-Oil prices.

In addition, the prices of gas supply to Finland have been fixed to the development of coal import price and the energy price index. The premise of natural gas price risk hedging is, however, to hedge only the oil-related part of the contract by using oil derivatives and fixed-priced physical supply contracts. The hedging strategy is based on a risk policy according to which M-real Energy makes the hedging decisions, and the Group Board of Directors makes significant strategic decisions.

Approximately 70 per cent of electricity hedges have been carried out by using physical supply contracts and 30 per cent as so-called financial hedges by using electricity derivatives. At the end of the year, about 80 per cent of financial hedges have been designated to hedge accounting. All natural gas price risk hedges have so far been implemented by using physical supply contracts.

The continuous hedging of the Group companies' pulp price risk has not been seen as justified in the framework of the current operative model. However, pulp derivatives are used selectively to hedge individual commercial positions generated in the Group companies. The volumes and fair values of derivatives used in the management of commodity risks are presented in Notes no. 28.

### Liquidity risk

Liquidity risk is defined as the risk that funds and available funding become insufficient to meet business needs, or that extra costs are incurred in arranging the necessary financing. Liquidity risk is monitored by estimating the need for liquidity needs 12–24 months ahead and ensuring that the total liquidity available will cover a main part of this need. According to the financial policy, the liquidity reserve must at all times cover 80–100 per cent of the Group's liquidity requirement for the first 12 months and 50–100 per cent of the following 12–24 months liquidity requirement. The objective is that at the most 20 per cent of the

Group's loans, including committed credit facilities, are allowed to mature within the next 12 months and at least 35 per cent of the total debt must have a maturity in excess of four years. Another target is to avoid keeping extra liquidity as liquid funds and instead maintain a liquidity reserve as committed credit facilities outside the balance sheet.

The cornerstone of liquidity risk management is to manage the Group's operative decisions in such a way that targets concerning indebtedness and sufficient liquidity reserve can be secured in all economic conditions. Liquidity risk is also managed by diversifying the use of capital and money markets to decrease dependency on any single financing source. The optimisation of the maturity structure of loans is also emphasized in financial decisions. The Group has been able to significantly stabilise the maturity structure of long-term loans by Eurobond issues in 2006 and divestments during 2007 and 2008.

Liquidity is on a good level. At the end of 2008 liquidity was improved by the sales of Graphic Papers business to Sappi Limited. The available liquidity was EUR 1,454 million at the end of the reporting period, of which 904 million was committed credit facilities and 550 million liquid funds and investments. In addition the Group had other interest-bearing receivables EUR 303 million, of which 220 million notes issued by Sappi Ltd are tradable at the secondary market. The Group had also at its disposal short-term, uncommitted commercial paper programmes and credit lines amounting to around EUR 550 million. At the end of 2008, the liquidity reserve covers fully the forecasted financing need of 2009 and also the major part of financing need of 2010. On the longer term the re-financing need is crucially affected by the cash flow development, possible future divestments and the repayment schedule of Sappi Ltd loan receivable. 31 per cent of long-term loans and committed facilities fall due in a 12

month period and 34 per cent have a maturity of over four years. The average maturity of long-term loans is 2.9 years. The share of short-term financing of the Group's interest bearing liabilities is 10.5 per cent.

### Counterparty risk

Financial instruments carry the risk that the Group may incur losses should the counterparty be unable to meet its commitments. Such risk is managed by entering into financial transactions only with most creditworthy counterparties and within pre-determined limits. During the reporting period, credit risks of financial instruments did not result in any losses. The financial counterparty risk is limited by the fact that the liquidity reserve is partially maintained in the form of committed credit facilities. Cash at bank and in hand, and other investments have been spread to several banks and commercial papers of several institutions. Counterparty limits have been adjusted towards the end of the year 2008 by taking into account the influence of the finance crisis to the financial position of the used counterparties. Derivatives trading is regulated by the standardised ISDA contracts made with the counterparties.

The Group's sales receivables carry a counterparty risk that the Group may incur losses should the counterparty be unable to meet its commitments. Credit risk attached to sales receivables is managed on the basis of the credit risk management policies approved by operative management. Accounts receivable performance is followed monthly by Corporate Risk Management Team and Corporate Credit Committee. Credit quality of customers is assessed at regular intervals based on the customers' financial statements, payment behaviour, credit agencies and credit ratings agencies. Individual credit limits are reviewed at least annually. From time to time, as deemed necessary by management, Letters of Credits, bank and parent company

guarantees and Credit insurance are used to mitigate credit risk. Credit limits are approved according to credit risk management policy with approval limits of varying values across the Group. The Corporate Credit Committee reviews and sets all major credit limits which are not supported by credit insurance and/or other security.

During 2007 M-real adopted a regular impairment tests for customer accounts receivable are carried out, with material credit loss impairment booked when a customer enters legal bankruptcy, or becomes past due for more than 6 months (180 days) without a valid payment plan or other valid reasons. The portion of overdue client receivables of all sales receivables is at the time of financial statements 14.8 per cent, of which 0.3 per cent is overdue between 90–180 days and 0.5 per cent over 180 days. The specification of doubtful receivables is in Notes no. 18.

The geographical structure of the accounts receivable is diversified and is reflecting the external sales structure presented in the Segment information. Largest sources of credit risk exist in Great Britain, Germany, Italy, France and Spain. The share of largest individual customer (individual companies or groups of companies under common ownership) credit risk exposure of M-real at the end of 2008 represented 16 per cent of total accounts receivable. 31 per cent of accounts receivable was owed by ten customer groups (individual companies or groups of companies under common ownership).

The final weeks of the year saw a substantial increase in overdue payments. Despite heightened collection activity, it is expected that the percentage of late payments will continue at a higher level than in previous years due to the recessions affecting the majority of our markets and challenging corporate finance environment.

While it is group policy to purchase credit insurance for substantially all of our trade

receivables, the credit insurance market has appetite for approving credit limits diminished substantially during the final quarter of the year. It is expected that the percentage of customers which cannot be covered with credit insurance will increase further in 2009. M-real's internal analysis of customer credit risk is however well placed to manage those credit risks where insurance cover is not available.

Receivables will be reducing by 31 per cent following disposal of the four mills to Sappi. From 1 January, sales agreement with Sappi for the remaining four coated paper mills will increase M-real's concentration of credit risk.

#### Managing the capital structure

In managing the capital structure, the Group aims at maintaining an efficient capital structure that ensures the Group's operational conditions in financial and capital markets in all circumstances despite the fluctuations typical to the sector. The company has a credit

rating for long-term financing. In the Group's operative business, central target values, which correspond to standard requirements set by financing and capital markets, have been defined for the capital structure. No target level has been defined for the credit rating. The Group's capital structure is regularly assessed by the Group's Board of Directors and its Audit Committee. The Group monitors the development of its capital structure through a key ratio that describes net gearing. The calculation formula of the key ratio is presented in the Annual Report on page 89.

The objective of the Group is to maintain the net gearing ratio at the maximum level of 100 per cent on average when counted over the trade cycle.

The key ratios describing the capital structure and the capital amounts used for the calculation of the key ratio were on 31.12.2008 and 31.12.2007 the following:

| EUR million   | 2008  | 2007  |
|---|-------|-------|
| Net gearing ratio, %                                  | 90    | 99    |
| Interest-bearing liabilities                          | 2,106 | 2,336 |
| ./. Liquid funds                                      | 550   | 380   |
| ./. Interest-bearing current receivables              | 302   | 89    |
| Total   | 1,254 | 1,867 |
| Equity attributable to shareholders of parent company | 1,329 | 1,830 |
| + Minority interest                                   | 57    | 52    |
| Total   | 1,386 | 1,882 |

In the company's certain loan contracts, a minimum limit of 30 per cent has been set for the Group's equity ratio and a maximum limit of 120 per cent for the Group's net gearing ratio. With regard to defining the equity, the calculation formula of key ratios as defined in the loan contracts deviates from the calculation formulas presented in the Annual Report. The capital structure's key ratios calculated according to what is specified in the loan contracts were on 31.12.2008 and 31.12.2007 approximately the following:

|                      | 2008 | 2007 |
|----------------------|------|------|
| Equity ratio, %      | 36   | 40   |
| Net gearing ratio, % | 74   | 86   |

### Hedging of foreign exchange transaction exposure 31 Dec. 2008

|  | Annual transaction exposure |     |        |     |     |     |            |             | 2008  | 2007  |
|--|-----------------------------|-----|--------|-----|-----|-----|------------|-------------|-------|-------|
|  | USD                         | GBP | SEK    | NOK | DKK | AUD | Other long | Other short | Total | Total |
| Transaction exposure, net (mill. currency units) | 545                         | 178 | -4,147 | 197 | 224 | 50  |            |             |       |       |
| Transaction exposure, net (EUR million)          | 392                         | 187 | -382   | 20  | 30  | 25  | 37         | -12         | 1,084 | 1,304 |
| Transaction exposure hedging (EUR million)       | -129                        | -74 | 168    | -4  | -9  | -7  | -13        | 18          | -422  | -587  |
| Hedging at the end of the year (months)          | 4.0                         | 4.7 | 5.3    | 2.2 | 3.7 | 3.3 | 4.4        | 17.5        | 4.6   | 5.4   |
| Average hedging in 2008 (months)                 | 6.3                         | 4.6 | 5.7    | 2.8 | 3.1 | 3.3 | 3.0        | 7.7         | 5.3   | 6.2   |

### Hedging of net investments in a foreign entity 31 Dec. 2008

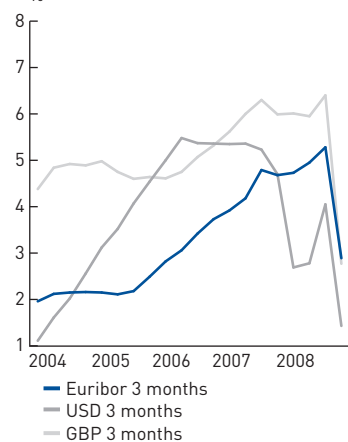
|  | Equity exposure |     |       |     |        | 2008  | 2007  |
|--|-----------------|-----|-------|-----|--------|-------|-------|
|  | USD             | GBP | SEK   | CHF | Others | Total | Total |
| Equity exposure (mill. currency units) | 271             | 15  | 2,899 | -1  |        |       |       |
| Equity exposure (EUR million)          | 195             | 16  | 267   | -1  | 7      | 484   | 557   |
| Equity hedging (EUR million)           | -170            | -16 | -237  | 0   | -2     | -426  | -552  |
| Hedging at the end of the year, (%)    | 87              | 101 | 89    | 0   | 35     | 88    | 99    |
| Average hedging in 2008, (%)           | 96              | 99  | 99    | 100 | 33     | 97    | 97    |

### Interest rate risk / duration and re-pricing structure of loans (incl. Interest rate derivatives)

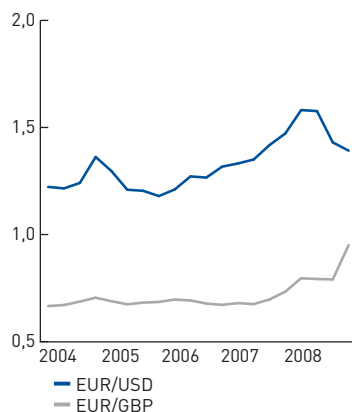
| 31.12.2008                |                   |                           |  | Re-pricing structure of interest rates of loans |          |           |      |      |      |         |                           | 31.12.2007        |                           |  |  |
|---------------------------|-------------------|---------------------------|--|---|----------|-----------|------|------|------|---------|---------------------------|-------------------|---------------------------|--|--|
| Loan amount (EUR million) | Duration (months) | Average interest rate (%) | Interest rate sensitivity *) (EUR million) | 1-4/2009  | 5-8/2009 | 9-12/2009 | 2010 | 2011 | 2012 | -->2012 | Loan amount (EUR million) | Duration (months) | Average interest rate (%) | Interest rate sensitivity *) (EUR million) |  |
| 2 106                     | 3,4               | 7,0                       | 8,3  | 1 500   | 401      | 96        | 34   | 35   | 3    | 37      | 2 336                     | 5,8               | 7,4                       | 9,2  |  |

\*) Interest rate sensitivity is an estimate of the effect of an interest rate change of one percent in one direction on net interest cost based on year end exposure.

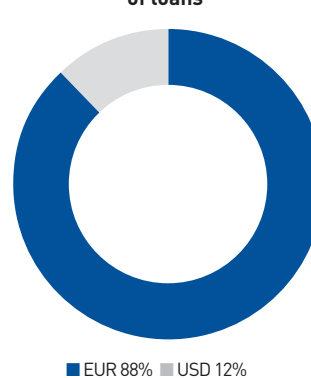
**Interest rate trends,**  
%



**Exchange rate trends**  
EUR



**Currency breakdown of loans**



**Foreign currency breakdown of currency exposure**



**Market risk sensitivity at 31 Dec. 2008**

|   | 31.12.2008                                 |  |  |   |   |
|---|--|--|--|---|---|
|   | Impact on financial assets and liabilities | Impact on equity exposure and annual transaction exposure 31.12.2008 |  |   |   |
|   |  | Impact on net equity of foreign entities                             | Impact on net equity of foreign entities incl. hedging | Impact on annual transaction exposure (cash flow) | Impact on annual transaction exposure (cash flow) incl. hedging |
| EUR million   |  |  |  |   |   |
| <b>Interest rate risk (100 bp rise in interest rates)</b> |  |  |  |   |   |
| Effect on profit  | 1.2  |  |  | -8.3  | -6.4  |
| Effect on other change in equity                          | 0.7  |  |  |   |   |
| <b>Commodity risk (electricity price + 20%)</b>           |  |  |  |   |   |
| Effect on profit  | -0.9                                       |  |  | -10.2   | 1.9   |
| Effect on other change in equity                          | 13.0                                       |  |  |   |   |
| <b>FX risk (USD - 10%)</b>                                |  |  |  |   |   |
| Effect on profit  | 1.4  |  |  | -39.2   | -26.3   |
| Effect on other change in equity                          | 22.2                                       | -19.5  | -2.5   |   |   |
| <b>FX risk (GBP - 10%)</b>                                |  |  |  |   |   |
| Effect on profit  | 1.7  |  |  | -18.7   | -11.3   |
| Effect on other change in equity                          | 3.8  | -1.6   | 0.0  |   |   |
| <b>FX risk (SEK - 10%)</b>                                |  |  |  |   |   |
| Effect on profit  | 3.1  |  |  | 38.2  | 21.3  |
| Effect on other change in equity                          | 8.7  | -26.7  | -2.9   |   |   |

Items with + sign = positive effect = increase of assets / decrease of liabilities / increase of cash flow  
 Items with - sign = negative effect = decrease of assets / increase of liabilities / decrease of cash flow

|   | 31.12.2007                                 |  |  |   |   |
|---|--|--|--|---|---|
|   | Impact on financial assets and liabilities | Impact on equity exposure and annual transaction exposure 31.12.2007 |  |   |   |
|   |  | Impact on net equity of foreign entities                             | Impact on net equity of foreign entities incl. hedging | Impact on annual transaction exposure (cash flow) | Impact on annual transaction exposure (cash flow) incl. hedging |
| EUR million   |  |  |  |   |   |
| <b>Interest rate risk (100 bp rise in interest rates)</b> |  |  |  |   |   |
| Effect on profit  | 3.8  |  |  | -9.2  | -2.9  |
| Effect on other change in equity                          | 2.5  |  |  |   |   |
| <b>Commodity risk (electricity price + 20%)</b>           |  |  |  |   |   |
| Effect on profit  | 0.8  |  |  | -9.0  | 10.4  |
| Effect on other change in equity                          | 18.6                                       |  |  |   |   |
| <b>FX risk (USD - 10%)</b>                                |  |  |  |   |   |
| Effect on profit  | -1.3                                       |  |  | -28.2   | -7.8  |
| Effect on other change in equity                          | 26.6                                       | -14.4  | 0.0  |   |   |
| <b>FX risk (GBP - 10%)</b>                                |  |  |  |   |   |
| Effect on profit  | 2.6  |  |  | -32.1   | -23.1   |
| Effect on other change in equity                          | 5.6  | -5.0   | 0.1  |   |   |
| <b>FX risk (SEK - 10%)</b>                                |  |  |  |   |   |
| Effect on profit  | -3.6                                       |  |  | 46.4  | 24.0  |
| Effect on other change in equity                          | 14.7                                       | -28.3  | 0.1  |   |   |

IFRS 7 requires an entity to disclose a sensitivity analysis for each type of market risk to which the entity is exposed at the reporting date, showing how profit or loss and equity would have been affected by changes in the relevant risk variable that were reasonably possible at that date.

The Group has recognized interest rates, electricity prices and foreign exchange rates as its key market risks and has set 100 basis points (1 per cent) interest rate rise, 20 per cent rise in electricity price and 10 per cent weakening of USD, GBP and SEK as reasonably possible risk variables. These currencies represent about 89 per cent of Group's annual transaction exposure. The nature of the market price risk is relatively linear so that the size of effects of opposite market price changes do not essentially differ from the presented figures.

The market risk scenarios has been calculated by using regular principles of calculating market values of financial instruments described in the Group Accounting policies. Figures at the reporting date reflect quite well the average market risk conditions throughout the reporting period. Additionally, the Group is presenting figures describing the effects of the risk variables to its equity exposure and annual transaction exposure (cash flow) to present a broader picture about market risks of interest rates, electricity prices and foreign exchange rates. Annual cash flows are based on estimates, but not existing commercial contracts.

### 3. Segment information

The accounting principles for the segment information are equal to those of the Group. The segment information is presented based on business segments and geographical segments. The business segments form the Groups primary segments and the geographical segments the secondary segments. The business segments are based on the Group organisational structure. All inter-segment sales are based on market prices and eliminated in consolidation.

Segment assets and liabilities are capital items directly used by the segments in their business operations or items that based on reasonable ground can be allocated to the segments. Unallocated capital items consist of tax and financial items and other common group items. Investments consist of additions of tangible and intangible assets used over a longer period than one year.

| Business segments      | Geographical segments: |                 |
|------------------------|------------------------|-----------------|
| Consumer Packaging     | Finland                | Poland          |
| Office Papers          | Germany                | Belgium         |
| Other Papers           | Great Britain          | Austria         |
| Market Pulp and Energy | France                 | Switzerland     |
|                        | Italy                  | Other Europe    |
|                        | Spain                  | USA             |
|                        | Sweden                 | Uruguay         |
|                        | Netherlands            | Asia            |
|                        | Russia                 | Other countries |

**Consumer Packaging** business area is an innovative supplier of high-performance primary fibre-based paperboards, speciality papers and related packaging services. It serves carton printers, converters, brand owners and merchants for end-uses such as beautycare, cigarettes, consumer durables, foods, healthcare, graphics and wallcoverings.

**Office Papers** business area is one of the Europe's leading office paper producers. It produces, markets and sells a range of high quality uncoated fine papers for use in offices and homes. Office Papers' products are used for printing and copying, as well as for forms, envelopes, manuals and various business communications.

**Other Papers** business area is a leading European speciality paper producer. The core of the business area is formed by the Zanders mills, Reflex and Gohrsmühle, in Germany. M-real's speciality papers are used e.g. for brochures, direct mail, annual reports, catalogues, art books, posters, calendars and labels. The customers are printers, publishers, advertising agencies and paper merchants. In addition to the Zanders mills Other Papers business area includes the Hallein mill in Austria.

**Market Pulp and Energy** reporting unit includes mainly pulp sales to external parties. Additionally, a minor part of the entity consists of energy sales from the pulp mills or through M-real's energy holdings.

Segment sales from external customers by geographical area are based on the geographical location of the customer and segment assets and capital expenditure by geographical location of the assets.

#### Sales by business segment

| EUR million            | 2008     |          |       | 2007     |          |       |
|------------------------|----------|----------|-------|----------|----------|-------|
|                        | External | Internal | Total | External | Internal | Total |
| Consumer Packaging     | 1,056    | 5        | 1,061 | 1,056    | 13       | 1,069 |
| Office Papers          | 803      | 1        | 804   | 882      | 6        | 888   |
| Other Papers           | 619      | 3        | 622   | 646      | 11       | 657   |
| Market Pulp and Energy | 644      | 0        | 644   | 596      | 0        | 596   |
| Other operations       | 114      | 209      | 323   | 319      | 144      | 464   |
| Elimination            |          | -218     | -218  |          | -175     | -175  |
| Continuing operations  | 3,236    | 0        | 3,236 | 3,499    | 0        | 3,499 |



**Operating profit and return on capital employed by business segment**

| EUR million                                | 2008             |                               | 2007             |                               |
|--|------------------|-------------------------------|------------------|-------------------------------|
|  | Operating result | Return on capital employed, % | Operating result | Return on capital employed, % |
| Consumer Packaging                         | 24               | 3.2                           | 61               | 7.8                           |
| Office Papers                              | -53              | -7.4                          | -196             | -21.0                         |
| Other Papers                               | -59              | -14.3                         | -36              | -9.1                          |
| Market Pulp and Energy                     | 106              | 12.6                          | 25               | 3.1                           |
| Other operations                           | -79              |                               | 97               |                               |
| Group                                      | -61              | -1.3                          | -49              | -0.8                          |
| Share of results from associated companies | -1               |                               | -3               |                               |
| Finance costs, net                         | -142             |                               | -139             |                               |
| Income taxes                               | 34               |                               | 23               |                               |
| Discontinued operations                    | -338             |                               | -27              |                               |
| Result for the period                      | -508             |                               | -195             |                               |

Market Pulp and Energy's 2008 operating result includes realised fair value and capital gain on the sale of Pohjolan Voima shares, EUR 74 million.

**Assets, liabilities and goodwill by business segment**

| EUR million                         | Assets |       | Liabilities |       | Goodwill |      |
|-------------------------------------|--------|-------|-------------|-------|----------|------|
|                                     | 2008   | 2007  | 2008        | 2007  | 2008     | 2007 |
| Consumer Packaging                  | 984    | 1,004 | 182         | 181   | 10       | 10   |
| Office Papers                       | 684    | 1,006 | 128         | 198   | 8        | 8    |
| Other Papers                        | 669    | 627   | 253         | 229   | 33       | 53   |
| Market Pulp and Energy              | 965    | 801   | 66          | 48    |          |      |
| Other operations                    | 329    | 616   | 197         | 273   |          |      |
| Elimination                         | -48    | -141  | -48         | -141  |          |      |
| Unallocated                         | 922    | 358   | 2,341       | 2,572 |          |      |
| Continuing operations               | 4,505  | 4,271 | 3,119       | 3,360 | 51       | 71   |
| Discontinued operations             |        | 1,210 |             | 239   |          | 101  |
| Group incl. discontinued operations | 4,505  | 5,481 | 3,119       | 3,599 | 51       | 172  |

**Capital expenditure, depreciation and impairment charges by business segment**

| EUR million                         | Capital expenditure |      | Depreciation |      | Impairment charges |      |
|-------------------------------------|---------------------|------|--------------|------|--------------------|------|
|                                     | 2008                | 2007 | 2008         | 2007 | 2008               | 2007 |
| Consumer Packaging                  | 25                  | 37   | 80           | 93   | 4                  | -4   |
| Office Papers                       | 33                  | 22   | 72           | 77   | 16                 | 185  |
| Other Papers                        | 20                  | 20   | 38           | 40   | 66                 | -3   |
| Market Pulp and Energy              | 20                  | 9    | 42           | 29   | 0                  | 0    |
| Other operations                    | 7                   | 120  | -3           | 14   | 0                  | 0    |
| Assets classified as held for sale  |                     |      |              |      |                    | 16   |
| Continuing operations               | 105                 | 208  | 229          | 253  | 86                 | 194  |
| Discontinued operations             | 23                  | 51   | 60           | 120  | 194                | 0    |
| Group incl. discontinued operations | 128                 | 259  | 289          | 373  | 280                | 194  |

Segment assets include goodwill, other intangible assets, tangible assets, biological assets, investments in associated companies, inventories, accounts receivables and prepayments and accrued income (excl. interest and income tax items). Segment liabilities include non-interest-bearing liabilities (excl. interest and income tax items). Capital employed is segment assets less segment liabilities. The formula for calculation of return on capital employed:  
Segment:

Operating profit/Capital employed (average) \*100 Group:

Profit from continuing operations before tax + interest expenses, net exchange gains/losses and other financial expenses/

Total assets /. non-interest-bearing liabilities (average)\*100

## Geographical segments

| EUR million   | External sales<br>by destination |       | Total external assets<br>by country |       | Capital expenditure<br>by country |      |
|---|----------------------------------|-------|-------------------------------------|-------|-----------------------------------|------|
|   | 2008                             | 2007  | 2008                                | 2007  | 2008                              | 2007 |
| Germany   | 440                              | 437   | 320                                 | 273   | 4                                 | 9    |
| Finland   | 439                              | 489   | 2,801                               | 2,403 | 35                                | 52   |
| Great Britain   | 372                              | 426   | 42                                  | 151   | 2                                 | 2    |
| France  | 234                              | 257   | 201                                 | 221   | 17                                | 5    |
| Italy   | 156                              | 166   | 1                                   | 0     | 0                                 | 0    |
| USA   | 155                              | 179   | 3                                   | 8     | 0                                 | 0    |
| Sweden  | 136                              | 121   | 519                                 | 600   | 20                                | 19   |
| Russia  | 109                              | 105   | 21                                  | 56    |                                   | 1    |
| Spain   | 93                               | 131   | 1                                   | 1     |                                   | 0    |
| Poland  | 82                               | 99    | 2                                   | 3     |                                   | 0    |
| Netherlands   | 77                               | 112   | 7                                   | 5     |                                   | 0    |
| Austria   | 73                               | 72    | 177                                 | 250   | 5                                 | 9    |
| Belgium   | 64                               | 73    | 1                                   | 1     |                                   | 1    |
| Switzerland   | 39                               | 49    | 6                                   | 3     |                                   | 0    |
| Other Europe  | 327                              | 356   | 3                                   | 2     | 0                                 | 0    |
| Uruguay   | 17                               | 2     | 394                                 | 291   | 22                                | 110  |
| Asia  | 290                              | 272   | 6                                   | 3     |                                   | 0    |
| Other countries   | 133                              | 153   | 0                                   | 0     |                                   | 0    |
| Continuing operations                                   | 3,236                            | 3,499 | 4,505                               | 4,271 | 105                               | 208  |
| Discontinued operations                                 |                                  | 941   |                                     | 1,210 | 23                                | 51   |
| Group incl. discontinued operations as reported in 2007 | 3,236                            | 4,440 | 4,505                               | 5,481 | 128                               | 259  |

## Personnel by business segment, average

|                                     | 2008  | 2007   |
|-------------------------------------|-------|--------|
| Consumer Packaging                  | 1,664 | 1,902  |
| Office Papers                       | 1,561 | 1,931  |
| Other Papers                        | 2,016 | 2,160  |
| Market Pulp and Energy              | 569   | 550    |
| Other operations                    | 1,039 | 1,724  |
| Continuing operations               | 6,849 | 8,267  |
| Discontinued operations             | 2,238 | 4,408  |
| Group incl. discontinued operations | 9,087 | 12,675 |

## Personnel at year-end by country

|                                     | 2008  | 2007  |
|-------------------------------------|-------|-------|
| Finland                             | 2,258 | 2,474 |
| Germany                             | 1,414 | 1,465 |
| Sweden                              | 1,062 | 1,136 |
| Austria                             | 644   | 688   |
| France                              | 462   | 457   |
| Uruguay                             | 164   | 180   |
| Great Britain                       | 102   | 397   |
| The Netherlands                     | 60    | 48    |
| Belgium                             | 35    | 27    |
| Poland                              | 33    | 32    |
| Hungary                             | 23    | 30    |
| Switzerland                         | 7     | 7     |
| Other countries                     | 282   | 300   |
| Continuing operations               | 6,546 | 7,241 |
| Discontinued operations             |       | 2,267 |
| Group incl. discontinued operations | 6,546 | 9,508 |

## 4. Discontinued operations and assets classified as held for sale

M-real disposed in February 2008 the New Thames's office paper mill located in Great Britain. In relation to the sale, a separate agreement was made on the UK industrial operation's pension liabilities. The combined positive result effect was some EUR 24 million.

| <b>New Thames, disposed assets</b>         |            |
|--|------------|
| EUR million                                |            |
| Other intangible assets                    | 0          |
| Tangible assets                            | 67         |
| Non-current financial assets               | 7          |
| Inventories                                | 16         |
| Accounts receivables and other receivables | 39         |
| Liquid assets                              | 2          |
| <b>Total assets</b>                        | <b>131</b> |
| Deferred tax liabilities                   | 0          |
| Provisions                                 | 0          |
| Borrowings                                 | 8          |
| Accounts payable and other liabilities     | 71         |
| <b>Total liabilities</b>                   | <b>79</b>  |
| <b>Net assets</b>                          | <b>52</b>  |
| Selling price                              | 76         |
| Profit on disposal                         | 24         |
| Cash and cash equivalents received         | 57         |
| Cash and cash equivalents in subsidiaries  | -2         |
| Net cash flow arising on disposal          | 55         |
| <b>New Thames, result for the period</b>   |            |
| 1.1.-31.12.2007                            |            |
| EUR million                                |            |
| Income                                     | 160        |
| Expenses                                   | -160       |
| Result before tax                          | 0          |
| Income taxes                               | 0          |
| Result for the period                      | 0          |

M-real disposed Map Merchant operations in October 2007. The Map Merchant Group has been accounted as a discontinued operation and its post-tax profit and profit on disposal have been recognised as a separate item after continuing operations. The profit on disposal was EUR 77 million before tax including currency differences as well as other items. In 2008 the adjustment on the sale price had a negative effect of EUR 26 million on the result of discontinued operations.

M-real announced in September 2008 the sale of the Graphic Papers business. The deal was materialized in December 2008. The disposed Graphic Papers had mills in Finland, Germany and Switzerland. Graphic Papers has been accounted as a discontinued operation and its post-tax profit and profit on disposal have been recognised as a separate item after continued operations.

Graphic Papers business area produced coated and uncoated graphic papers and related services for publishing, commercial printing and communication purposes. Customers included leading publishers, printers and advertising agencies around the world served either directly or via paper merchant partners.

| <b>Graphic Papers, disposed assets</b> |     |
|--|-----|
| EUR million                            |     |
| Goodwill                               | 0   |
| Other intangible assets                | 8   |
| Tangible assets                        | 612 |
| Non-current financial assets           | 6   |
| Deferred tax receivables               | 0   |

| EUR million                                |            |
|--|------------|
| Inventories                                | 119        |
| Accounts receivables and other receivables | 227        |
| Cash and cash equivalent                   | 5          |
| <b>Total assets</b>                        | <b>977</b> |
| Deferred tax liabilities                   | 23         |
| Post employment benefit obligations        | 37         |
| Provisions                                 | 4          |
| Borrowings                                 | 129        |
| Accounts payable and other liabilities     | 180        |
| <b>Total liabilities</b>                   | <b>373</b> |
| Minority interest                          | 4          |
| <b>Net assets</b>                          | <b>600</b> |
| Exchange differences and other items       | -3         |
| Selling price                              | 671        |
| Internal debt                              | -75        |
| <b>Debt free selling price</b>             | <b>596</b> |
| Loss on disposal before tax                | -1         |
| Income taxes                               | 0          |
| Loss on disposal after tax                 | -1         |
| Impairment losses                          |            |
| Goodwill                                   | 101        |
| Other intangible assets                    | 2          |
| Tangible assets                            | 91         |
|  | 194        |
| Income taxes on impairment losses          | 0          |
|  | 194        |
| Debt free selling price of which           | 596        |
| Loan receivables                           | 220        |
| Shares in Sappi Limited                    | 50         |
| cash and cash equivalents received         | 326        |
| Cash and cash equivalents in subsidiaries  | -5         |
| Net cash flow arising on disposal          | 321        |

| <b>Graphic Papers, result for the period</b> |                 |                 |
|--|-----------------|-----------------|
| EUR million                                  | 1.1.-31.12.2008 | 1.1.-31.12.2007 |
| Income                                       | 1,281           | 1,333           |
| Expenses                                     | -1,330          | -1,415          |
| Result before tax                            | -49             | -82             |
| Impairment losses                            | -194            |                 |
| Costs linked to disposal                     | -70             |                 |
| Income taxes                                 | 2               | 0               |
| Result for the period                        | -311            | -82             |
| Loss on disposal                             | -1              |                 |
|  | -312            | -82             |

| <b>Graphic Papers' cash flows for the period</b> |                 |                 |
|--|-----------------|-----------------|
| EUR million                                      | 1.1.-31.12.2008 | 1.1.-31.12.2007 |
| Cash flow arising from operating activities      | -1              | 71              |
| Cash flow arising from investing activities      | -23             | -48             |
| Cash flow arising from financing activities      | 31              | -46             |
| <b>Total cash flows</b>                          | <b>7</b>        | <b>-23</b>      |
| Discontinued operations, result                  |                 |                 |
| Map Merchant                                     | -26             | 55              |
| Graphic Papers                                   | -312            | -82             |
| Income statement, total                          | -338            | -27             |

## 5. Other operating income

| EUR million                       | 2008 | 2007 |
|-----------------------------------|------|------|
| Gains on disposal of fixed assets | 90   | 156  |
| Rental income                     | 2    | 2    |
| Service revenue                   | 23   | 19   |
| Government grants                 | 30   | 5    |
| Other allowances and subsidies    | 1    | 3    |
| Other operating income            | 36   | 10   |
| Total                             | 182  | 195  |

Sale of Pohjolan Voima shares increased in 2008 by EUR 74 million gains on disposal. In 2007 9 percentage stake of Metsä-Botnia increased by EUR 135 million gains on disposal. Government grants concern the subsidies of training, healthcare and r&d expenses, energy subsidies and the carbon dioxide emission permits in accordance with the EU emission trading scheme.

## 6. Operating expenses

| EUR million  | 2008  | 2007  |
|--|-------|-------|
| Change in stock of finished goods and work in progress | -2    | 48    |
| Materials and services                                 |       |       |
| Purchases during the financial period                  | 1,927 | 2,101 |
| Change in inventories                                  | 4     | -22   |
| External services                                      | 224   | 238   |
|  | 2,155 | 2,317 |
| Employee costs   |       |       |
| Wages and salaries                                     |       |       |
| Salaries of boards and managing directors              | 5     | 5     |
| Other wages and salaries                               | 288   | 363   |
|  | 293   | 368   |
| Social security costs                                  |       |       |
| Pension costs  |       |       |
| Defined contribution plans                             | 7     | 5     |
| Defined benefit plans                                  | 29    | 30    |
| Other employee costs                                   | 112   | 131   |
|  | 148   | 166   |
| Employee costs, total                                  | 441   | 534   |
| Other operating expenses                               |       |       |
| Rents  | 18    | 20    |
| Losses on fixed assets disposal                        | 3     | 4     |
| Other operating expenses                               | 545   | 469   |
| Total  | 566   | 493   |

The research and development costs in continuing operations during the financial period 2008 were 10 EUR million (14).

### Main auditors fees

The fees paid to PricewaterhouseCoopers are shown in the table below. The audit fees are paid for the audit of the annual and quarterly financial statements for the group reporting purposes as well as the audit of the local statutory financial statements. Tax consultancy fees are the fees paid for tax consultancy services and the like. Disposal of Graphic Papers business increased audit and other fees.

| EUR million     | 2008 | 2007 |
|-----------------|------|------|
| Audit fees      | 2    | 2    |
| Tax consultancy | 0    | 0    |
| Other fees      | 2    | 1    |
| Total           | 4    | 3    |

### Remuneration paid to the members of the board of Directors and the Management Team

In 2008 the members of the parent company's Board of Directors were paid fees totalling EUR 516 475 (2007 EUR 490 400).

Salaries and emoluments paid to Management Team were EUR 2,298,507.75 (2,134,439.33). CEO Mikko Helander's salary including benefits was 548,426.08 (448,070.00)

According to the M-real's pay scheme, CEO can be paid a performance-related reward amounting to not more than 6 months' salary. In addition to salaries and bonuses executives are also entitled to participate in the company's share based incentive program. Currently 8 executives are included in the program. The expenses recognised for share based payments were EUR 0 million (0) (note 31).

### Pension commitments to management

Management pension commitments exist only for the Group's German companies, for which the items have been charged to earnings and entered as a liability in the balance sheet. The Group has no off balance-sheet pension liabilities on behalf of management.

The CEO of the parent company has the right to retire on a pension at the age of 62 years. The cost of lowering the retirement age or supplementing statutory pension security are generally covered by voluntary pension insurance. The expenses of the Management Team member's defined pension plans were EUR 0.1 million (2007 EUR 0.5 million) and the expenses of their defined contribution plans were EUR 0.6 million (EUR 0.6 million).

In the event that the CEO is dismissed, or in situation where control of the Company changes, he has the right to receive compensation corresponding to 18 months' salary. The period of notice is 6 months.

The parent company has no commitments on behalf of persons belonging to the above-mentioned bodies or those who have previously belonged to them.

At 31 December 2008, the Company's CEO, the Deputy to CEO or the members of the Board had no loans outstanding from the Company or its subsidiaries.

## 7. Depreciation, amortization and impairment charges

| EUR million  | 2008 | 2007 |
|--|------|------|
| Depreciation   |      |      |
| Other intangible assets  | 13   | 16   |
| Buildings  | 22   | 39   |
| Machinery and equipment  | 188  | 194  |
| Other tangible assets  | 6    | 4    |
| Continuing operations  | 229  | 253  |
| Discontinued operations  | 60   | 120  |
| Total  | 289  | 373  |
| Impairment charges   |      |      |
| Goodwill   | 20   | 201  |
| Land   | 33   |      |
| Buildings  | 15   |      |
| Machinery and equipment  | 18   | -7   |
| Continuing operations  | 86   | 194  |
| Discontinued operations  | 194  | 0    |
| Total  | 280  | 194  |
| Depreciation and impairment charges continuing operations, total | 315  | 447  |
| Goodwill impairments by segment                                  |      |      |
| Consumer Packaging   | 4    | 0    |
| Office Papers  | 7    | 185  |
| Other Papers   | 9    | 0    |
| Assets classified as held for sale                               | 0    | 16   |
| Other operations   | 0    | 0    |
| Continuing operations  | 20   | 201  |
| Discontinued operations  | 101  | 0    |
| Total  | 121  | 201  |
| Other impairments by segment                                     |      |      |
| Consumer Packaging   | 0    | -4   |
| Office Papers  | 9    |      |
| Other Papers   | 57   | -3   |
| Continuing operations  | 66   | -7   |
| Discontinued operations  | 93   | 0    |
| Total  | 159  | -7   |

In 2008 impairment charges were made at Hallein mill (EUR 9 million on goodwill and EUR 57 other impairment) in Austria and at Husum mill in Sweden (7 and 9 million). An impairment of EUR 194 million was recognised in disposed Graphic Papers business. In Kyro Paper and in Sittingbourne mill the impairment charges made in 2006 were reversed in 2007.

### Impairment of Assets

M-real carries out a full impairment test at least once a year, during the last quarter based on the situation of 30 September. In addition, a sensitivity analysis is made each quarter. Should the sensitivity analysis indicate impairment, a full test will be initiated. The Audit Committee reviews the sensitivity analyses or impairment testing results quarterly.

The testing of 2008 was carried out taking into account the impacts of Graphic Papers transaction.

### Testing principles

The accounting values of asset items or so-called cash-generating units are evaluated for possible value depreciation. If there are indications of the value depreciation of an asset item or a cash-generating unit, or if the unit's accounting value includes or has been targeted by

goodwill, it is evaluated how much money the asset item or cash-generating unit can accumulate. The sum that can be accumulated is the utility value based on the cash flow against the asset item or cash-generating unit, or its net sales price.

The cash flow that the cash-generating units under testing can accumulate is based on five-year forecasts and the evenly-growing cash flow that follows them.

The essential testing assumptions are evaluations by M-real management, or forecasts by Pöyry Forest Industry Consulting Oy. The most crucial factors impacting the forecasts are the development of the average price of paper or board products, delivery volumes, exchange rates and capacity utilisation rate, the cost development of essential raw materials, such as wood, pulp, chemicals and energy, and the development of personnel costs and other fixed costs. Moreover, the implementation of savings and rationalisation measures has a major impact on the forecasted cash flow against the item or unit.

M-real's share in the cash flow and accounting value that Metsä-Botnia can accumulate is allocated to cash-generating units in the proportion of their pulp purchases.

For the situation on 30 September 2008 and for previous goodwill value depreciation testing we have used 2 per cent as the growth factor for cash flow after the five-year forecast period; the percentage corresponds to the long-term implemented growth of said cash-generating units and business areas. The average value for the five-year forecast period has been used as the initial value for the essential assumptions (prices, volumes, variable costs) concerning the cash flows following the forecast period, and the value for the fifth year of the forecast period has been used for fixed costs.

The Weighted Average Cost of Capital (WACC) concerning M-real's equity and liabilities has been used as the discounting factor for the cash flow. Both the cash flows against the item or unit and the discounting interest have been calculated after taxes, which means that the established discounted cash flows and utility values are before taxes, as set out in IAS 36. For testing carried out concerning the situation on 30 September 2008, the WACC after taxes has been 8.10 per cent.

The goodwill impairment test results are evaluated by comparing the recoverable amount (V) with the carrying amount of the CGU (B) as follows:

|   | Ratio  |   | Estimate            |
|---|--------|---|---------------------|
| V | <      | B | Impairment          |
| V | 0-20%  | > | Slightly above      |
| V | 20-50% | > | Clearly above       |
| V | 50%-   | > | Substantially above |

The most important CGUs of M-real Group, the goodwill allocated to them <sup>1)</sup> as well as their testing result as of 30 September 2008:

|                                      | Goodwill | Test result         |
|--------------------------------------|----------|---------------------|
| Folding boxboard mills               | 7        | Substantially above |
| Kemiart Liners                       | 3        | Substantially above |
| Kyro Paper                           | 0        | Clearly above       |
| Simpele Paper                        | 0        | Clearly above       |
| Office Papers                        | 8        | Substantially above |
| Husum PM8 & Äänekoski Paper          | 0        | Impairment          |
| Zanders                              | 33       | Clearly above       |
| Hallein                              | 0        | Impairment          |
| Market Pulp and Energy               | 0        | Substantially above |
| Mylykoski Paper Oy 35% <sup>2)</sup> | 15       | Clearly above       |
| M-real Group total <sup>2)</sup>     | 66       |                     |

<sup>1)</sup> EUR million.

<sup>2)</sup> The amount includes the goodwill from M-real's holding in Mylykoski Paper, which is shown in "Investments in associated companies" in the balance sheet

In the following CGUs a reasonably possible change in a key assumption results in a situation where the carrying amount of the CGU exceeds the recoverable amount. Assumptions to which the recoverable amount of the CGU is most sensitive are listed in the table. When assessing the magnitude of the required change in a key assumption, possible multiplicative effects on other assumptions affecting the recoverable amount or simultaneous changes in other assumptions have not been taken into account:

| Cash Generating Unit (CGU)  | (1)<br>V - B1 | (2)<br>Key<br>assumption   | (3)<br>Required change in<br>order for V to equal B                          |
|-----------------------------|---------------|--|--|
| Hallein                     | 0             | - net selling price  | - No change required   |
| Husum PM8 & Äänekoski Paper | 0             | - Increasing average price during the 5-year projection period.<br><br>- WACC based on interest rates at the time of testing<br><br>- Completion of efficiency improvement programmes in all mills | - No change required<br><br>- No change required<br><br>- No change required |

<sup>1)</sup> EUR million

## 8. Financial income and expenses

| EUR million   | 2008 | 2007 |
|---|------|------|
| Exchange differences  |      |      |
| Commercial items  | 2    | -8   |
| Hedging / hedge accounting not applied  | 14   | 16   |
| The ineffectiveness from hedges of net investment in foreign operations                                     | -1   | 1    |
| Other items   | -2   | -8   |
|   | 13   | 1    |
| Valuation of financial assets and liabilities   |      |      |
| Gains and losses on financial assets or liabilities at fair value through profit or loss (held for trading) | 2    | 0    |
| Impairment losses from financial assets   | 0    | 0    |
| Gains and losses on derivatives / hedge accounting not applied  | -6   | 0    |
| Gains and losses on hedging instrument in fair value hedges   | 72   | 10   |
| Gains and losses on hedged item in fair value hedges  | -66  | -4   |
| Total   | 2    | 6    |
| Interest income   | 17   | 12   |
| Interest expenses   | -165 | -147 |
| Dividend income   | 0    | 0    |
| Other financial expenses  | -9   | -11  |
|   | -157 | -146 |
| Financial income and expenses, net  | -155 | -140 |

## 9. Income taxes

| EUR million                                      | 2008 | 2007 |
|--|------|------|
| Income taxes for the financial period            | 11   | 33   |
| Income taxes for previous periods                | 2    | 0    |
| Change in deferred taxes                         | -47  | -56  |
| Other  | 0    | 0    |
| Total  | -34  | -23  |
| Income tax reconciliation                        |      |      |
| Result before taxes                              | -204 | -191 |
| Computed tax at Finnish statutory rate of 26%    | -53  | -50  |
| Difference between Finnish and foreign rates     | -1   | 2    |
| Tax exempt income                                | -15  | -35  |
| Non-deductible expenses                          | 13   | 56   |
| Previous years tax losses used during the period | -26  | -5   |
| Tax losses with no tax benefit                   | 45   | 10   |
| Income taxes for previous periods                | 3    | -1   |
| Other  | 0    | 0    |
| Income tax expense                               | -34  | -23  |
| Effective tax rate, %                            | 16.7 | 12.0 |

## 10. Earnings per share

| EUR million                                      | 2008    | 2007    |
|--|---------|---------|
| Result for the period                            |         |         |
| from continuing operations                       | -170    | -168    |
| from discontinued operations                     | -338    | -27     |
| Total  | -508    | -195    |
| Adjusted number of shares (average) in thousands | 328,166 | 328,166 |
| Earnings per share, EUR                          |         |         |
| from continuing operations                       | -0.55   | -0.51   |
| from discontinued operations                     | -1.03   | -0.08   |
| Total  | -1.58   | -0.59   |

## 11. Intangible and tangible assets

| <b>Intangible assets</b>                            |          |                         |                          |       |
|---|----------|-------------------------|--------------------------|-------|
| EUR million   | Goodwill | Other Intangible assets | Construction in progress | Total |
| Acquisition costs, 1 Jan 2008                       | 172      | 216                     | 0                        | 388   |
| Translation differences                             | 0        | -1                      | 0                        | -1    |
| Increase  | 0        | 43                      | 0                        | 43    |
| Decrease  | 0        | -69                     | 0                        | -69   |
| Transfers between items                             | 0        | 8                       | 0                        | 8     |
| Acquisition costs, 31 Dec 2008                      | 172      | 197                     | 0                        | 369   |
| Accumulated depreciation, 1 Jan 2008                | 0        | -178                    |                          | -178  |
| Translation differences                             | 0        | 0                       |                          | 0     |
| Accumulated depreciation on deduction and transfers | 0        | 45                      |                          | 45    |
| Depreciation for the period                         | 0        | -13                     |                          | -13   |
| Impairment charges                                  | -121     | 0                       |                          | -121  |
| Accumulated depreciation, 31 Dec. 2008              | -121     | -146                    |                          | -267  |
| Book value, 1 Jan. 2008                             | 172      | 38                      | 0                        | 210   |
| Book value, 31 Dec. 2008                            | 51       | 51                      | 0                        | 102   |

In 2008 impairment charges were made in Graphic Papers Business EUR 101 million, Consumer Packaging EUR 4 million, Office Papers EUR 7 million and in Other Papers EUR 9 million.

|   |      |      |    |      |
|---|------|------|----|------|
| Acquisition costs, 1 Jan. 2007                      | 376  | 230  | 1  | 607  |
| Translation differences                             | 0    | 0    | 0  | 0    |
| Increase  | 0    | 12   | 0  | 12   |
| Decrease  | -19  | -27  |    | -46  |
| Transfers between items                             | 0    | 1    | -1 | 0    |
| Acquisition costs, 31 Dec. 2007                     | 357  | 216  | 0  | 573  |
| Accumulated depreciation, 1 Jan. 2007               | 0    | -169 |    | -169 |
| Translation differences                             | 0    | 0    |    | 0    |
| Accumulated depreciation on deduction and transfers | 0    | 8    |    | 8    |
| Depreciation for the period                         | 0    | -17  |    | -17  |
| Impairment charges                                  | -185 | 0    |    | -185 |
| Accumulated depreciation, 31 Dec. 2007              | -185 | -178 |    | -363 |
| Book value, 1 Jan. 2007                             | 376  | 61   | 1  | 438  |
| Book value, 31 Dec. 2007                            | 172  | 38   | 0  | 210  |

In addition the goodwill included in assets classified as held for sale was impaired by EUR 16 million.

The carrying value of emission rights included in intangible assets was on 31 December EUR 17 million (0) and the fair value EUR 17 million (0).

### Tangible assets

| EUR million  | Land and water areas | Buildings | Machinery and equipment | Other tangible assets | Construction in progress | Total  |
|--|----------------------|-----------|-------------------------|-----------------------|--------------------------|--------|
| Acquisition costs, 1 Jan 2008                                | 181                  | 1,290     | 5,570                   | 165                   | 251                      | 7,457  |
| Translation difference                                       | 1                    | -20       | -142                    | -3                    | -1                       | -165   |
| Increase   | 10                   | 6         | 108                     | 6                     | 26                       | 156    |
| Decrease   | -80                  | -282      | -1,547                  | -82                   | -14                      | -2,005 |
| Transfers between items                                      | 1                    | 54        | 169                     | 1                     | -234                     | -9     |
| Acquisition costs, 31 Dec 2008                               | 113                  | 1,048     | 4,158                   | 87                    | 28                       | 5,434  |
| Accumulated depreciation, 1 Jan 2008                         | -3                   | -703      | -3,827                  | -104                  | 0                        | -4,637 |
| Translation difference                                       | 0                    | 16        | 107                     | 3                     |                          | 126    |
| Accumulated depreciation on deduction and transfers          | 2                    | 123       | 975                     | 56                    |                          | 1,156  |
| Depreciation for the period                                  | 0                    | -22       | -178                    | -5                    |                          | -205   |
| Impairment charges and reversed impairment charges           | -33                  | -15       | -18                     | 0                     |                          | -66    |
| Accumulated depreciation and impairment charges, 31 Dec 2008 | -34                  | -601      | -2,941                  | -50                   |                          | -3,626 |
| Book value, 1 Jan 2008                                       | 178                  | 587       | 1,743                   | 61                    | 251                      | 2,820  |
| Book value, 31 Dec 2008                                      | 79                   | 447       | 1,217                   | 37                    | 28                       | 1,808  |

In 2008 impairment charges were made at Hallein mill in Austria (EUR 57 million) and at Husum mill in Sweden (EUR 9 million).

Tangible assets include assets acquired under finance lease agreements:

|                          | Buildings | Machinery and equipment | Total |
|--------------------------|-----------|-------------------------|-------|
| Acquisition costs        | 0         | 40                      | 40    |
| Accumulated depreciation | 0         | -16                     | -16   |
| Book value, 1 Jan. 2008  | 0         | 93                      | 93    |
| Book value, 31 Dec. 2008 | 0         | 24                      | 24    |

Additions include assets of EUR 0 million (2) acquired under finance lease agreements.

| EUR million   | Land and water areas | Buildings | Machinery and equipment | Other tangible assets | Construction in progress | Total  |
|---|----------------------|-----------|-------------------------|-----------------------|--------------------------|--------|
| Acquisition costs, 1 Jan. 2007                                | 208                  | 1,356     | 5,883                   | 169                   | 233                      | 7,849  |
| Translation difference  | -6                   | -12       | -68                     | -1                    | -20                      | -107   |
| Increase  | 6                    | 9         | 93                      | 4                     | 137                      | 249    |
| Decrease  | -27                  | -73       | -370                    | -12                   | -52                      | -534   |
| Transfers between items                                       | 0                    | 10        | 32                      | 5                     | -47                      | 0      |
| Acquisition costs, 31 Dec. 2007                               | 181                  | 1,290     | 5,570                   | 165                   | 251                      | 7,457  |
| Accumulated depreciation, 1 Jan. 2007                         | -5                   | -686      | -3,896                  | -106                  | 0                        | -4,693 |
| Translation difference  | 0                    | 7         | 46                      | 1                     |                          | 54     |
| Accumulated depreciation on deduction and transfers           | 2                    | 30        | 306                     | 10                    |                          | 348    |
| Depreciation for the period                                   | 0                    | -54       | -290                    | -9                    |                          | -353   |
| Impairment charges and reversed impairment charges            | 0                    | 0         | 7                       | 0                     |                          | 7      |
| Accumulated depreciation and impairment charges, 31 Dec. 2007 | -3                   | -703      | -3,827                  | -104                  |                          | -4,637 |
| Book value, 1 Jan. 2007                                       | 203                  | 670       | 1,987                   | 63                    | 233                      | 3,156  |
| Book value, 31 Dec. 2007                                      | 178                  | 587       | 1,743                   | 61                    | 251                      | 2,820  |

In Kyro Paper and in Sittingbourne mill the impairment charges made in 2006 were reversed in 2007.

Tangible assets include assets acquired under finance lease agreements

|                          | Buildings | Machinery and equipment | Total |
|--------------------------|-----------|-------------------------|-------|
| Acquisition costs        | 0         | 204                     | 204   |
| Accumulated depreciation | 0         | -111                    | -111  |
| Book value, 1 Jan. 2007  | 0         | 112                     | 112   |
| Book value, 31 Dec. 2007 | 0         | 93                      | 93    |

The capitalization of financial expenses in 2008 was EUR 3 million (4.1). The average interest rate in 2007 was 6.23 per cent, which represent the costs of the loan used to finance the projects.



## 12. Biological assets

Biological assets, forest assets, have been recognised at fair value. The change in fair value will be recognised yearly as income/cost in income statement. M-real has forest assets in Finland and in Uruguay.

| EUR million  | 2008 | 2007 |
|--|------|------|
| At 1 Jan.  | 47   | 52   |
| Purchases during the period                          | 11   | 13   |
| Sales during the period                              | 0    | -12  |
| Harvested during the period                          | -10  | -4   |
| Gains and losses arising from changes in fair values | 6    | 2    |
| Translation differences                              | 3    | -4   |
| At 31 Dec.   | 57   | 47   |

## 13. Investments in associated companies

| EUR million                              | 2008 | 2007 |
|--|------|------|
| At 1 Jan.                                | 64   | 69   |
| Share of results in associated companies | -1   | -3   |
| Dividend received                        | 0    | -2   |
| Increases                                |      | 0    |
| Decreases                                | 0    | 0    |
| Translation differences                  | 0    | 0    |
| At 31 Dec.                               | 63   | 64   |

Unamortized amount of goodwill for associated companies at 31 Dec. 2008 was EUR 15 million (15).

### Biggest associated companies

|                       | Country | Assets | Liabilities | Sales | Gain/loss | Ownership, % |
|-----------------------|---------|--------|-------------|-------|-----------|--------------|
| Kirkniemen Kartano Oy | Finland | 7      | 2           | 0     | 0         | 48           |
| Mytlykoski Paper Oy   | Finland | 218    | 150         | 326   | -4        | 35           |
| Plastirol Oy          | Finland | 21     | 6           | 24    | 2         | 39           |
| Other                 |         | 4      | 2           | 16    | 0         |              |
| Total                 |         | 250    | 160         | 366   | -2        |              |

None of the associated companies were listed.

### Transaction and balances with associated companies

| EUR million             | 2008 | 2007 |
|-------------------------|------|------|
| Sales                   | 0    | 0    |
| Purchases               | 4    | 4    |
| Interest income         | 0    | 0    |
| Interest expenses       | 0    | 0    |
| Receivables             |      |      |
| Non-current receivables | 0    | 0    |
| Current receivables     | 7    | 7    |
| Liabilities             |      |      |
| Current liabilities     | 2    | 3    |

## 14. Available for sale investments

| Financial assets at fair value through profit or loss (non-current) |      |      |
|---|------|------|
| EUR million   | 2008 | 2007 |
| At 1 Jan.   | 17   | 17   |
| Decreases   | -17  | 0    |
| At 31 Dec.  | 0    | 17   |
| Available for sale financial assets                                 |      |      |
| Shares in other companies   |      |      |
| Listed companies  | 32   | 1    |
| Other   | 408  | 325  |
|   | 440  | 326  |
| Total   | 440  | 343  |

Financial assets at fair value through profit or loss are mainly listed bonds, classified entirely as held for trading.

Available for sale financial assets consist of listed companies and other companies. The fair value of listed companies are based on public quotation for shares at the Balance sheet date. The most significant ownership of listed companies is some 3 percentage stake of South African company Sappi Limited, which M-real received as a part of the Graphic papers business disposal. The fair value of these shares at the Balance sheet date was EUR 32.1 million. The most important shareholding of not quoted companies consists of three percentage stake in Finnish energy company Pohjolan Voima Oy. The Group has right for some 7 percentage proportion in Olkiluoto nuclear power plant (Pohjolan Voima's B-shares), some 7 percentage proportion in Meripori coal-fired power plant (C2-shares) and some one percentage proportion in PVO-Vesivoima Oy's hydroelectric power (A-shares). Group also has some 2 percentage proportion in new nuclear power plant under construction at Olkiluoto. Pohjolan Voima produces electricity and heat for its shareholders in Finland. Pohjolan Voima trades with its shareholders and the prices paid to Pohjolan Voima Oy for energy are based on production costs, which generally are lower than the market prices. The ownership in Pohjolan Voima Oy is fair valued quarterly using discounted cash flow method. The WACC used was 4.67 percentage. 12 months rolling averages have been used for the energy price estimates, which evens out the short-term energy price fluctuations. The changes in fair value less deferred tax calculated with Finnish tax rate are recorded in fair value reserve in equity. The acquisition value of shares in Pohjolan Voima Oy is EUR 28 million (34) and the fair value EUR 402 million (320). The fair value of nuclear power shares (B- and B2-shares) was some EUR 390 million, coal-fired power shares (C2-shares) some EUR -3 million and hydroelectric power shares (A-shares) some EUR 14 million.

The shareholder agreement prevents free selling of shares with others than shareholders. M-real disposed in June some 6.7 percentage of the Pohjolan Voima shares in new nuclear power plant under construction at Olkiluoto. A realised fair value and gain from the sale of EUR 74 million was recorded. The high energy prices have substantially increased the fair value of Pohjolan Voima shares.

## 15. Non-current financial assets

| EUR million                         | 2008 | 2007 |
|-------------------------------------|------|------|
| Interest-bearing receivables        |      |      |
| Loans from Group companies          | 1    | 1    |
| Loans from associated companies     | 0    | 2    |
| Other loan receivables              | 224  | 6    |
|                                     | 225  | 9    |
| Non-interest-bearing receivables    |      |      |
| Loans from Group companies          | 4    | 5    |
| Other loan receivables              | 3    | 4    |
| Defined benefit pension plans       | 0    | 6    |
|                                     | 7    | 15   |
| Non-current financial assets, total | 232  | 24   |

The vendor note from Sappi Ltd. in connection to the Graphic Papers divestment increased the non-current financial assets by EUR 220 million.

Loans from Group companies are loans granted to parent company Metsäliitto and to other subsidiaries of Metsäliitto.

## 16. Deferred taxes

### Reconciliation of deferred tax assets and liabilities during the period in 2008

| EUR million   | As at 1 Jan.<br>2008 | Charged in income<br>statement | Disposals and<br>assets classified as<br>held for sale | Translation<br>differences | Charged<br>to equity | As at 31 Dec.<br>2008 |
|---|----------------------|--------------------------------|--|----------------------------|----------------------|-----------------------|
| <b>Deferred tax assets</b>                                    |                      |                                |  |                            |                      |                       |
| Consolidation entries   | 0                    | 6                              |  |                            | -6                   | 0                     |
| Tax losses and other temporary differences                    | 55                   | -19                            | -13  | 0                          | 6                    | 29                    |
| Deferred tax assets, total                                    | 55                   | -13                            | -13  | 0                          | 0                    | 29                    |
| Netting against liabilities                                   | -51                  | 14                             | 13   |                            |                      | -24                   |
| Deferred tax assets in Balance sheet                          | 4                    | 1                              | 0  | 0                          | 0                    | 5                     |
| <b>Deferred tax liabilities</b>                               |                      |                                |  |                            |                      |                       |
| Appropriations  | 193                  | -36                            | 0  | -7                         |                      | 150                   |
| Consolidation entries   | 25                   | 0                              | -22  | 0                          | 0                    | 3                     |
| Available for sale financial assets<br>recorded at fair value | 75                   | 0                              |  |                            | 22                   | 97                    |
| Other temporary differences                                   | 48                   | -24                            | -14  | 0                          | -4                   | 6                     |
| Deferred tax liabilities, total                               | 341                  | -60                            | -36  | -7                         | 18                   | 256                   |
| Netting against assets  | -51                  | 14                             | 13   |                            | 0                    | -24                   |
| Deferred tax liabilities in Balance sheet                     | 290                  | -46                            | -23  | -7                         | 18                   | 232                   |
| Deferred tax liabilities, net                                 | -286                 | 47                             | 23   | 7                          | -18                  | -227                  |

### Reconciliation of deferred tax assets and liabilities during the period in 2007

| EUR million   | As at 1 Jan.<br>2007 | Charged in income<br>statement | Disposals and<br>assets classified as<br>held for sale | Translation<br>differences | Charged<br>to equity | As at 31 Dec.<br>2007 |
|---|----------------------|--------------------------------|--|----------------------------|----------------------|-----------------------|
| <b>Deferred tax assets</b>                                    |                      |                                |  |                            |                      |                       |
| Consolidation entries   | 0                    | 8                              |  |                            | -8                   | 0                     |
| Tax losses and other temporary differences                    | 94                   | -21                            | -18  | 0                          |                      | 55                    |
| Deferred tax assets, total                                    | 94                   | -13                            | -18  | 0                          | -8                   | 55                    |
| Netting against liabilities                                   | -63                  | 1                              | 3  |                            | 8                    | -51                   |
| Deferred tax assets in Balance sheet                          | 31                   | -12                            | -15  | 0                          | 0                    | 4                     |
| <b>Deferred tax liabilities</b>                               |                      |                                |  |                            |                      |                       |
| Appropriations  | 254                  | -50                            | -10  | -1                         |                      | 193                   |
| Consolidation entries   | 26                   | -1                             |  | 0                          | 0                    | 25                    |
| Available for sale financial assets<br>recorded at fair value | 74                   |                                |  |                            | 0                    | 75                    |
| Other temporary differences                                   | 67                   | -19                            | -2   | -2                         | 4                    | 48                    |
| Deferred tax liabilities, total                               | 421                  | -70                            | -12  | -3                         | 4                    | 341                   |
| Netting against assets  | -63                  | 1                              | 3  |                            | 8                    | -51                   |
| Deferred tax liabilities in Balance sheet                     | 358                  | -69                            | -9   | -3                         | 12                   | 290                   |
| Deferred tax liabilities, net                                 | -327                 | 57                             | -6   | 3                          | -12                  | -286                  |

At 31 December 2008 the net operating loss carry-forwards mainly in Germany, France and the United Kingdom amounted to approximately EUR 860 million. The operating loss carry-forwards for which deferred tax assets have not been recognised due to uncertainty of the utilization of these loss carry-forwards amounted to approximately EUR 825 million. These loss carry-forwards do not expire. The deferred tax assets for these non recognised loss carry-forwards amounted to approximately EUR 220 million.

## 17. Inventories

| EUR million                       | 2008 | 2007 |
|-----------------------------------|------|------|
| Raw materials and consumables     | 186  | 215  |
| Work in progress                  | 29   | 45   |
| Finished goods and goods for sale | 268  | 339  |
| Advance payments                  | 22   | 20   |
|                                   | 505  | 619  |

In 2007 or 2008 there were no substantial write-downs of inventories to net realisable value.

## 18. Accounts receivables and other receivables

| EUR million   | 2008 | 2007 |
|---|------|------|
| Financial assets of fair value through profit and loss          |      |      |
| At 1 Jan.   | 0    | 0    |
| Increases   | 17   | 0    |
| Changes in fair value   | -1   | 0    |
| At 31 Dec.  | 16   | 0    |
| Interest-bearing loan receivables                               |      |      |
| Loans from Group companies                                      | 34   | 32   |
| Loans from associated companies                                 | 28   | 30   |
| Other loan receivables  | 0    | 0    |
|   | 62   | 62   |
| Accounts receivables and other non-interest-bearing receivables |      |      |
| From Group companies  |      |      |
| Accounts receivables  | 2    | 3    |
| Other receivables   | 11   | 2    |
| Prepayment and accrued income                                   | 2    | 2    |
|   | 15   | 7    |
| From associated companies                                       |      |      |
| Accounts receivables  | 3    | 5    |
| Other receivables   | 0    | 0    |
| Prepayment and accrued income                                   | 0    | 0    |
|   | 3    | 5    |
| From others   |      |      |
| Accounts receivables  | 439  | 659  |
| Other receivables   | 61   | 144  |
| Prepayment and accrued income                                   | 19   | 9    |
|   | 519  | 812  |
| Accounts receivables and other receivables                      | 615  | 886  |

Receivables from Group companies are receivables from parent company Metsäliitto and from other subsidiaries of Metsäliitto.

There are no loan receivables from the managing directors of Group companies, their deputies, members of the Board of Directors and their deputies as well as persons belonging to similar bodies.

## 20. Shareholders' equity

| EUR million     | Share capital |          | Share premium account | Total |
|-----------------|---------------|----------|-----------------------|-------|
|                 | Series A      | Series B |                       |       |
| At 1 Jan. 2007  | 62            | 496      | 667                   | 1,225 |
| 2007 no changes |               |          |                       |       |
| At 31 Dec. 2007 | 62            | 496      | 667                   | 1,225 |
| 2008 no changes |               |          |                       |       |
| At 31 Dec. 2008 | 62            | 496      | 667                   | 1,225 |

| EUR million     | Share capital |             | Share premium account | Total       |
|-----------------|---------------|-------------|-----------------------|-------------|
|                 | Series A      | Series B    |                       |             |
| At 1 Jan. 2007  | 36,339,550    | 291,826,062 |                       | 328,165,612 |
| 2007 no changes |               |             |                       |             |
| At 31 Dec. 2007 | 36,339,550    | 291,826,062 |                       | 328,165,612 |
| 2008 no changes |               |             |                       |             |
| At 31 Dec. 2008 | 36,339,550    | 291,826,062 |                       | 328,165,612 |

All shares are paid-in.

| Doubtful accounts receivables  |      |      |
|--|------|------|
| Accounts receivables are recorded net of the following allowances for doubtful accounts: |      |      |
| EUR million  | 2008 | 2007 |
| At 1 Jan.  | 9    | 16   |
| Increases  | 1    | 19   |
| Decreases  | -5   | -26  |
| At 31 Dec.   | 5    | 9    |
| Prepayment and accrued income  |      |      |
| Non-current  |      |      |
| Interest   | 0    | 1    |
| Insurance  | 0    | 2    |
| Others   | 18   | 6    |
| Total  | 18   | 9    |

## 19. Cash and cash equivalents

| EUR million              | 2008 | 2007 |
|--------------------------|------|------|
| Current investments      | 405  | 324  |
| Cash at bank and in hand | 145  | 56   |
| Total                    | 550  | 380  |

Current investments are certificates of deposits and time deposits with original maturities less than three months.

| <b>Fair value and other reserves</b>                                 |            |            |
|--|------------|------------|
| EUR million  | 2008       | 2007       |
| Fair value reserve   | 257        | 223        |
| Legal reserve and reserves stipulated by the Articles of Association | 2          | 2          |
| <b>Total</b>   | <b>259</b> | <b>225</b> |

#### **Dividends**

After Balance sheet day The Board of Directors proposes that no dividend is paid for 2008.

## 21. Post-employment benefits

M-real operates a number of defined benefit pension plans and defined contribution plans. The most significant pension plan in Finland is the statutory Finnish employee pension scheme (TYEL) according to which benefits are linked directly to the employee's earnings. In Finland there are pension schemes which are funded by contributors to insured schemes or to Metsäliitto Employees' Pension Foundation. The Metsäliitto Employees' Pension Foundation scheme is a defined benefit plan. There are other defined contribution pension plans in Finland, too. Pension plans outside Finland are both defined benefit and defined contribution plans.

| <b>Pension and other post-employment benefits</b> |           |            |
|---|-----------|------------|
| EUR million                                       | 2008      | 2007       |
| Defined benefit pension plans                     | 82        | 135        |
| Defined contribution pension plans                | 16        | 18         |
| Net liability                                     | 98        | 153        |
| Overfunded plan shown as asset                    | 0         | 6          |
| <b>Total liability in balance sheet</b>           | <b>98</b> | <b>159</b> |

#### **DEFINED BENEFIT PENSION PLANS**

| <b>The amounts recognised in the balance sheet</b> |           |            |
|--|-----------|------------|
|  | 2008      | 2007       |
| Present value of funded obligations                | 45        | 400        |
| Present value of unfunded obligations              | 67        | 105        |
|  | 112       | 505        |
| Fair value of plan assets                          | -31       | -388       |
| Unrecognised actuarial gains and losses            | 1         | 18         |
| Unrecognised prior service cost                    | 0         | 0          |
| Effect of curtailment                              | 0         | 0          |
| <b>Total liability</b>                             | <b>82</b> | <b>135</b> |

| <b>The amounts recognised in the income statement</b> |          |          |
|---|----------|----------|
|   | 2008     | 2007     |
| Current service cost                                  | 4        | 7        |
| Interest cost   | 6        | 24       |
| Expected return on plan assets                        | -2       | -22      |
| Net actuarial losses (gains) recognised in year       | -1       | 0        |
| Settlements   | 0        | 0        |
| Profit / loss curtailment                             | 0        | -1       |
| <b>Total included in employee costs</b>               | <b>7</b> | <b>8</b> |

The actual return on plan assets was EUR 3 million in 2008 [22]. Income statement items for 2007 include disposed Graphics Papers' figures too.

| <b>Changes in the present value of defined benefit obligations</b> |            |            |
|--|------------|------------|
| EUR million  | 2008       | 2007       |
| Defined benefit obligation as at 1 Jan.                            | 505        | 758        |
| Current service cost   | 4          | 7          |
| Interest cost  | 6          | 24         |
| Contribution by plan participations                                | -1         | 2          |
| Actuarial losses (gains) recognised in year                        | -4         | -20        |
| Disposals  | -403       | -196       |
| Curtailments and settlements                                       | -1         | -5         |
| Benefits paid  | -4         | -27        |
| Other adjustments  | 0          | 0          |
| Translation differences  | 10         | -38        |
| <b>Defined benefit obligation as at 31 Dec.</b>                    | <b>112</b> | <b>505</b> |

| <b>Changes in the fair value of plan assets</b> |           |            |
|---|-----------|------------|
|   | 2008      | 2007       |
| Fair value of plan assets as at 1 Jan.          | 388       | 531        |
| Expected return on plan assets                  | 3         | 22         |
| Actuarial losses (gains) recognised in year     | -4        | -1         |
| Contribution by plan participations             | 1         | 2          |
| Contribution by the employer                    | -1        | 31         |
| Disposals                                       | -367      | -143       |
| Settlements                                     | 0         | -1         |
| Benefits paid                                   | -1        | -21        |
| Translation differences                         | 12        | -32        |
| <b>Fair value of plan assets as at 31 Dec.</b>  | <b>31</b> | <b>388</b> |

Group expects to contribute EUR 2 million to its defined benefit pension plans in 2009.

| <b>Major categories of plan assets as a percentage of total plan assets, %</b> |            |            |
|--|------------|------------|
|  | 2008       | 2007       |
| Equity securities  | 39         | 48         |
| Debt securities  | 7          | 10         |
| Real estate  | 16         | 7          |
| Bonds  | 31         | 30         |
| Others   | 7          | 5          |
| <b>Total</b>   | <b>100</b> | <b>100</b> |

| <b>Amounts for the current and previous periods</b> |            |             |
|---|------------|-------------|
|   | 2008       | 2007        |
| Present value of defined benefit obligations        | -112       | -505        |
| Fair value of plan assets                           | 31         | 388         |
| <b>Funded status</b>                                | <b>-81</b> | <b>-117</b> |
| Experience adjustments on plan liabilities          | 0          | 1           |
| Experience adjustments on plan assets               | -2         | 3           |

### The principal actuarial assumptions used:

|   | 2008 | 2007 |
|---|------|------|
| <b>Finland</b>                                    |      |      |
| Discount rate %                                   | 3.75 | 5.0  |
| Expected return on plan assets %                  | 5.4  | 5.8  |
| Future salary increases %                         | 3.0  | 3.0  |
| Future pension increases %                        | 2.1  | 2.1  |
| Expected average remaining working years of staff | 3    | 4    |
| <b>UK</b>   |      |      |
| Discount rate %                                   | 6.0  | 5.6  |
| Expected return on plan assets %                  | 6.75 | 6.48 |
| Future salary increases %                         | 3.6  | 4.3  |
| Future pension increases %                        | 2.6  | 3.3  |
| Expected average remaining working years of staff | 14   | 15   |
| <b>Germany</b>                                    |      |      |
| Discount rate %                                   | 6.0  | 5.5  |
| Expected return on plan assets %                  | n/a  | n/a  |
| Future salary increases %                         | 2.5  | 2.5  |
| Future pension increases %                        | 2.00 | 2.00 |
| Expected average remaining working years of staff | 11   | 10   |
| <b>Switzerland</b>                                |      |      |
| Discount rate %                                   | 3.0  | 3.5  |
| Expected return on plan assets %                  | 4    | 4.5  |
| Future salary increases %                         | 1.75 | 1.5  |
| Future pension increases %                        | 0.5  | 0.5  |
| Expected average remaining working years of staff | 8    | 13   |
| <b>Austria</b>                                    |      |      |
| Discount rate %                                   | 5.0  | 5.0  |
| Expected return on plan assets %                  | n/a  | n/a  |
| Future salary increases %                         | 2.22 | 2.28 |
| Future pension increases %                        | 2.22 | 2.28 |
| Expected average remaining working years of staff | 24   | 24   |

## 22. Provisions

| EUR million             | Restructuring | Environmental obligations | Other provisions | Total |
|-------------------------|---------------|---------------------------|------------------|-------|
| At 1 Jan. 2008          | 40            | 5                         | 27               | 72    |
| Translation differences | -5            | 0                         | -2               | -7    |
| Increases               | 66            | 2                         | 17               | 85    |
| Decreases               | -12           | -2                        | -28              | -42   |
| Unused amounts reversed | -9            | 0                         | 0                | -9    |
| At 31 Dec. 2008         | 80            | 5                         | 14               | 99    |

In 2008 the most significant restructuring action was the Graphic Papers divestment which increased provisions by EUR 63 million.

## 23. Borrowings

| Interest-bearing borrowings                                     | 2008         |              | 2007         |              |
|---|--------------|--------------|--------------|--------------|
|   | Book values  | Fair values  | Book values  | Fair values  |
| EUR million   |              |              |              |              |
| <b>Non-current interest-bearing borrowings</b>                  |              |              |              |              |
| Bonds   | 1,162        | 692          | 1,384        | 1,300        |
| Loans from financial institutions                               | 287          | 285          | 320          | 320          |
| Pension loans   | 33           | 34           | 50           | 50           |
| Finance lease liabilities                                       | 31           | 31           | 79           | 78           |
| Other borrowings  | 55           | 55           | 50           | 50           |
| <b>Total</b>  | <b>1,568</b> | <b>1,097</b> | <b>1,883</b> | <b>1,798</b> |
| <b>Current interest-bearing borrowings</b>                      |              |              |              |              |
| Current portion of long-term debt                               | 317          | 308          | 291          | 288          |
| Short-term loans  | 53           | 53           | 36           | 36           |
| Bill of exchange payable  | 7            | 7            | 8            | 8            |
| Other borrowings  | 161          | 161          | 118          | 118          |
| <b>Total</b>  | <b>538</b>   | <b>529</b>   | <b>453</b>   | <b>450</b>   |
| <b>Interest-bearing borrowings, total</b>                       | <b>2,106</b> | <b>1,626</b> | <b>2,336</b> | <b>2,248</b> |
| <b>Interest-bearing financial assets</b>                        |              |              |              |              |
| Financial assets at fair value through profit or loss           |              |              |              |              |
| (non-current)   | 0            | 0            | 17           | 17           |
| Available for sale investments (non-current)                    | 0            | 0            | 0            | 0            |
| Loan receivables (non-current)                                  | 225          | 181          | 10           | 9            |
| Financial assets at fair value through profit or loss (current) |              |              |              |              |
| Loan receivables (current)                                      | 16           | 16           | 0            | 0            |
| Current investments at fair value                               | 61           | 61           | 62           | 62           |
| Current investments at amortized cost                           | 0            | 0            | 0            | 0            |
| amortized cost  | 405          | 405          | 324          | 324          |
| Cash at bank and in hand  | 145          | 145          | 56           | 56           |
| <b>Interest-bearing financial asset, total</b>                  | <b>852</b>   | <b>808</b>   | <b>469</b>   | <b>468</b>   |
| <b>Interest-bearing net borrowings</b>                          | <b>1,254</b> | <b>818</b>   | <b>1,867</b> | <b>1,780</b> |

In M-real Group all interest-bearing borrowings are valued in the balance sheet at amortised cost based on effective interest method. Interest bearing financial assets are classified according to the IAS standards. Fair values in the table are based on present value of cash flow of each liability or assets calculated by market rate. The discount rates applied are between 2.5–38.0 per cent (3.9–11.4). Of interest bearing borrowings 95 per cent is subject to variable rates and the rest to fixed rates (88). The average interest rate of interest-bearing borrowings at the end of 2008 was 7.0 per cent (7.4). The fair values of accounts and other receivables and accounts payables and other liabilities are not essentially deviating from the carrying amounts in their balance sheet.

| <b>Maturity of repayment and interest payment of financial liabilities 31.12.2008</b> |              |              |          |          |          |          |          |
|---|--------------|--------------|----------|----------|----------|----------|----------|
| EUR million   | Book value   | 2009         | 2010     | 2011     | 2012     | 2013     | 2014–    |
| Bonds and debentures  | 1,403        |              |          |          |          |          |          |
| Repayment   |              | -240         | -397     | -52      | -102     | -494     | -118     |
| Interest payment  |              | -102         | -94      | -62      | -56      | -30      | -6       |
| Loans from financial institutions   | 341          |              |          |          |          |          |          |
| Repayment   |              | -55          | -56      | -57      | -87      | -48      | -38      |
| Interest payment  |              | -12          | -10      | -8       | -5       | -2       | -3       |
| Pension loans   | 53           |              |          |          |          |          |          |
| Repayment   |              | -20          | -33      | -1       | 0        | 0        | 0        |
| Interest payment  |              | -3           | -2       | 0        | 0        | 0        | 0        |
| Finance lease liabilities   | 33           |              |          |          |          |          |          |
| Repayment   |              | -2           | -3       | -3       | -2       | -2       | -22      |
| Interest payment  |              | -2           | -2       | -2       | -2       | -1       | -5       |
| Other non-current interest-bearing borrowings   | 55           |              |          |          |          |          |          |
| Repayment   |              | 0            | 0        | -2       | 0        | -49      | -4       |
| Interest payment  |              | -3           | -3       | -3       | -3       | -3       | 0        |
| <b>Non-current interest-bearing borrowings, total</b>                                 | <b>1,885</b> |              |          |          |          |          |          |
| Repayments in 2009  | <b>-317</b>  |              |          |          |          |          |          |
| <b>Non-current interest-bearing borrowings in balance sheet</b>                       | <b>1,568</b> |              |          |          |          |          |          |
| Repayment   |              | -317         | -489     | -115     | -191     | -593     | -182     |
| Interest payment  |              | -122         | -111     | -75      | -66      | -36      | -14      |
| Current interest-bearing borrowings   | 221          |              |          |          |          |          |          |
| Repayment   |              | -221         | 0        | 0        | 0        | 0        | 0        |
| Interest payment  |              | -2           | 0        | 0        | 0        | 0        | 0        |
| Accounts payables   | 145          |              |          |          |          |          |          |
| Repayment   |              | -145         | 0        | 0        | 0        | 0        | 0        |
| Other non-interest-bearing liabilities  | 369          |              |          |          |          |          |          |
| Repayment   |              | -352         | -6       | -3       | -3       | -2       | -3       |
| Derivative financial instrument liabilities   | 69           |              |          |          |          |          |          |
| Interest rate swaps, interest payment   |              | -6           | -8       | -8       | -8       | -4       | 0        |
| Currency derivatives, interest payment  |              | -2,720       | -10      | -10      | -7       | -5       | -3       |
| Commodity derivatives, interest payment   |              | 4            | -2       | -4       | 0        | 0        | 0        |
| <b>Total liabilities</b>  | <b>2,689</b> |              |          |          |          |          |          |
| Repayment   |              | -1,035       | -495     | -118     | -194     | -595     | -185     |
| Interest payment  |              | -2,846       | -131     | -97      | -81      | -45      | -17      |
| Derivative financial instrument assets  | 84           |              |          |          |          |          |          |
| Interest rate swaps, interest payment   |              | 0            | 0        | 0        | 0        | 0        | 0        |
| Currency derivatives, interest payment  |              | 2,759        | 8        | 8        | 6        | 4        | 2        |
| Commodity derivatives, interest payment   |              | 0            | 0        | 0        | 0        | 0        | 0        |
| <b>Total</b>  | <b>84</b>    | <b>2,759</b> | <b>8</b> | <b>8</b> | <b>6</b> | <b>4</b> | <b>2</b> |

**Maturity of repayment and interest payment of financial liabilities 31.12.2007**

| EUR million   | Book value   | 2008         | 2009      | 2010      | 2011     | 2012     | 2013–    |
|---|--------------|--------------|-----------|-----------|----------|----------|----------|
| Bonds and debentures  | 1,592        |              |           |           |          |          |          |
| Repayment   |              | -208         | -235      | -396      | -52      | -101     | -600     |
| Interest payment  |              | -130         | -107      | -99       | -59      | -53      | -33      |
| Loans from financial institutions                               | 369          |              |           |           |          |          |          |
| Repayment   |              | -49          | -52       | -51       | -50      | -50      | -118     |
| Interest payment  |              | -18          | -16       | -13       | -10      | -7       | -7       |
| Pension loans   | 67           |              |           |           |          |          |          |
| Repayment   |              | -18          | -16       | -33       | -1       | 0        | 0        |
| Interest payment  |              | -3           | -2        | -2        | 0        | 0        | 0        |
| Finance lease liabilities                                       | 93           |              |           |           |          |          |          |
| Repayment   |              | -14          | -16       | -15       | -12      | -10      | -27      |
| Interest payment  |              | -4           | -3        | -3        | -2       | -1       | -5       |
| Other non-current interest-bearing borrowings                   | 52           |              |           |           |          |          |          |
| Repayment   |              | -2           | 0         | 0         | 0        | 0        | -50      |
| Interest payment  |              | -3           | -3        | -3        | -3       | -3       | -3       |
| <b>Non-current interest-bearing borrowings, total</b>           | <b>2,173</b> |              |           |           |          |          |          |
| Repayments in 2007  | -291         |              |           |           |          |          |          |
| <b>Non-current interest-bearing borrowings in balance sheet</b> | <b>1,882</b> |              |           |           |          |          |          |
| Repayment   |              | -291         | -319      | -495      | -115     | -161     | -795     |
| Interest payment  |              | -158         | -131      | -120      | -74      | -64      | -48      |
| Current interest-bearing borrowings                             | 162          |              |           |           |          |          |          |
| Repayment   |              | -162         | 0         | 0         | 0        | 0        | 0        |
| Interest payment  |              | -1           | 0         | 0         | 0        | 0        | 0        |
| Liabilities classified as held for sale                         | 0            |              |           |           |          |          |          |
| Repayment   |              | 0            | 0         | 0         | 0        | 0        | 0        |
| Interest payment  |              | 0            | 0         | 0         | 0        | 0        | 0        |
| Accounts payables   | 283          |              |           |           |          |          |          |
| Repayment   |              | -283         | 0         | 0         | 0        | 0        | 0        |
| Other non-interest bearing liabilities                          | 435          |              |           |           |          |          |          |
| Repayment   |              | -397         | -9        | -9        | -4       | -4       | -13      |
| Derivative financial instrument liabilities                     | 25           |              |           |           |          |          |          |
| Interest rate swaps, interest payment                           |              | -7           | -5        | -6        | -6       | -6       | -3       |
| Currency derivatives, interest payment                          |              | -3,497       | -13       | -12       | -12      | -9       | -9       |
| Commodity derivatives, interest payment                         |              | 0            | 0         | 0         | 0        |          |          |
| <b>Total liabilities</b>  | <b>3,078</b> |              |           |           |          |          |          |
| Repayment   |              | -1,133       | -328      | -504      | -119     | -165     | -808     |
| Interest payment  |              | -3,663       | -149      | -138      | -92      | -79      | -60      |
| Derivative financial instrument assets                          | 40           |              |           |           |          |          |          |
| Interest rate swaps, interest payment                           |              | 6            | 2         | 0         | 0        | 0        |          |
| Currency derivatives, interest payment                          |              | 3,509        | 9         | 8         | 8        | 6        | 7        |
| Commodity derivatives, interest payment                         |              | 6            | 7         | 3         | 0        |          |          |
| <b>Total</b>  | <b>40</b>    | <b>3,521</b> | <b>18</b> | <b>11</b> | <b>8</b> | <b>6</b> | <b>7</b> |

| <b>Bonds</b> |            |       |       |  |
|--------------|------------|-------|-------|--|
| EUR million  | Interest % | 2008  | 2007  |  |
| 2000–2008    | 5.64       | 0     | 18    |  |
| 2002–2009    | 8.89       | 100   | 96    |  |
| 2002–2012    | 9.20       | 102   | 100   |  |
| 2002–2014    | 9.40       | 115   | 113   |  |
| 2003–2008    | 6.58       | 0     | 20    |  |
| 2003–2008    | 6.96       | 0     | 99    |  |
| 2004–2008    | 6.96       | 0     | 50    |  |
| 2004–2009    | 5.37       | 30    | 30    |  |
| 2004–2009    | 5.91       | 10    | 10    |  |
| 2004–2009    | 5.91       | 30    | 30    |  |
| 2004–2011    | 6.52       | 12    | 12    |  |
| 2004–2011    | 5.54       | 30    | 30    |  |
| 2004–2011    | 6.30       | 10    | 10    |  |
| 2005–2008    | 5.60       | 0     | 17    |  |
| 2005–2008    | 7.37       | 0     | 3     |  |
| 2006–2009    | 7.69       | 70    | 70    |  |
| 2006–2010    | 7.70       | 397   | 396   |  |
| 2006–2013    | 8.75       | 490   | 488   |  |
| 2008–2018    | 7.00       | 7     | 0     |  |
|              |            | 1,403 | 1,592 |  |

| <b>Maturity of finance lease liabilities</b> |                        |      |   |      |
|--|------------------------|------|---|------|
| EUR million                                  | Minimum lease payments |      | The present value of minimum lease payments |      |
|  | 2008                   | 2007 | 2008  | 2007 |
| Not later than 1 year                        | 4                      | 18   | 2   | 14   |
| 1–2 years                                    | 5                      | 19   | 3   | 16   |
| 2–3 years                                    | 4                      | 18   | 3   | 15   |
| 3–4 years                                    | 3                      | 13   | 2   | 12   |
| 4–5 years                                    | 3                      | 11   | 1   | 10   |
| Later than 5 years                           | 26                     | 32   | 22  | 27   |
|  | 45                     | 111  | 33  | 94   |
| Future finance charges                       | 12                     | 17   |   |      |
| The present value of minimum lease payments  | 33                     | 94   |   |      |

The most significant finance lease agreements are power plant Äänevoima Oy's power plants. Äänevoima's contract periods vary between 10 and 15 years. All finance lease liabilities will be due in 2017 at the latest. These leases contain renewal and purchase options. Finance lease agreement of power plant in Kirkniemi included in 2007's figures. The lease agreement was disposed as part of Graphic Papers business.

## 24. Other non-current liabilities

| EUR million   | 2008 | 2007 |
|---|------|------|
| Liabilities to Group companies  | 0    | 1    |
| Liabilities to others   |      |      |
| Accruals and deferred income  | 2    | 12   |
| Other liabilities   | 16   | 25   |
| Total   | 18   | 38   |
| Liabilities to Group companies are liabilities to parent company Metsäliitto and other subsidiaries of Metsäliitto. |      |      |
| Non-current accruals and deferred income  |      |      |
| Periodizations of employee costs  | 0    | 7    |
| Accruals for compensation of rights to use  | 1    | 2    |
| Periodizations of waste water expenses  | 0    | 1    |
| Others  | 1    | 2    |
| Total   | 2    | 12   |

## 25. Accounts payable and other liabilities

| EUR million   | 2008 | 2007 |
|---|------|------|
| Liabilities to Group companies  |      |      |
| Accounts payable  | 31   | 20   |
| Other liabilities   | 42   | 33   |
| Liabilities to associated companies   |      |      |
| Accounts payable  | 20   | 21   |
| Other liabilities   | 1    | 1    |
| Liabilities to others   |      |      |
| Advance payments  | 8    | 5    |
| Accounts payable  | 137  | 277  |
| Other liabilities   | 129  | 103  |
| Accruals and deferred income  | 121  | 203  |
| Total   | 489  | 663  |
| Liabilities to Group companies are liabilities to parent company Metsäliitto and other subsidiaries of Metsäliitto. |      |      |
| Current accruals and deferred income  |      |      |
| Periodizations of employee costs  | 47   | 68   |
| Interests   | 22   | 19   |
| Accruals of purchases   | 38   | 55   |
| Others  | 14   | 61   |
| Total   | 121  | 203  |



## 26. Derivatives

|                                  | Nominal value | Fair value |                   |                  |               |  |                              |
|----------------------------------|---------------|------------|-------------------|------------------|---------------|--|------------------------------|
|                                  |               | Total      | Fair value hedges | Cash flow hedges | Equity hedges | Derivatives/hedge accounting not applied | Derivatives held for trading |
| EUR million                      |               |            |                   |                  |               |  |                              |
| <b>2008</b>                      |               |            |                   |                  |               |  |                              |
| Interest forward agreements      | 4             | 0          |                   |                  |               | 0  |                              |
| Interest rate options            | 0             | 0          |                   |                  |               |  | 0                            |
| Interest rate swaps              | 1,282         | -9         | -5                | -1               |               | -3                                       | 0                            |
| <b>Interest rate derivatives</b> | <b>1,286</b>  | <b>-9</b>  | <b>-5</b>         | <b>-1</b>        | <b>0</b>      | <b>-3</b>                                | <b>0</b>                     |
| Currency forward agreements      | 2,673         | 40         |                   | -16              | 55            | 1  | 0                            |
| Currency option agreements       | 5             | 0          |                   |                  |               | 0  | 0                            |
| Currency swap agreements         | 127           | -13        | -13               |                  |               | 0  |                              |
| <b>Currency derivatives</b>      | <b>2,805</b>  | <b>27</b>  | <b>-13</b>        | <b>-16</b>       | <b>55</b>     | <b>1</b>                                 | <b>0</b>                     |
| Commodity forward agreements     | 185           | -3         |                   | -9               |               | 6  | 0                            |
| Commodity options agreements     | 0             | 0          |                   |                  |               | 0  |                              |
| <b>Commodity derivatives</b>     | <b>185</b>    | <b>-3</b>  | <b>0</b>          | <b>-9</b>        | <b>0</b>      | <b>6</b>                                 | <b>0</b>                     |
| <b>Derivatives total</b>         | <b>4,276</b>  | <b>15</b>  | <b>-18</b>        | <b>-26</b>       | <b>55</b>     | <b>4</b>                                 | <b>0</b>                     |

Nominal value also includes closed contracts to a total amount of EUR 2,069 million.

|                                  |              |           |            |           |          |           |          |
|----------------------------------|--------------|-----------|------------|-----------|----------|-----------|----------|
| <b>2007</b>                      |              |           |            |           |          |           |          |
| Interest forward agreements      | 4            | 0         |            |           |          | 0         |          |
| Interest rate options            | 156          | 0         |            |           |          |           | 0        |
| Interest rate swaps              | 1,794        | 4         | -2         | 3         |          | 3         | 0        |
| <b>Interest rate derivatives</b> | <b>1,954</b> | <b>4</b>  | <b>-2</b>  | <b>3</b>  | <b>0</b> | <b>3</b>  | <b>0</b> |
| Currency forward agreements      | 3,478        | 17        |            | 2         | 9        | 6         | 0        |
| Currency option agreements       | 211          | 0         |            |           |          | 0         | 0        |
| Currency swap agreements         | 120          | -22       | -22        |           |          |           |          |
| <b>Currency derivatives</b>      | <b>3,809</b> | <b>-5</b> | <b>-22</b> | <b>2</b>  | <b>9</b> | <b>6</b>  | <b>0</b> |
| Commodity forward agreements     | 133          | 16        |            | 10        |          | 6         | 0        |
| Commodity options agreements     | 0            | 0         |            |           |          |           |          |
| <b>Commodity derivatives</b>     | <b>133</b>   | <b>16</b> | <b>0</b>   | <b>10</b> | <b>0</b> | <b>6</b>  | <b>0</b> |
| <b>Derivatives total</b>         | <b>5,896</b> | <b>15</b> | <b>-24</b> | <b>15</b> | <b>9</b> | <b>15</b> | <b>0</b> |

Nominal value also includes closed contracts to a total amount of EUR 2,714 million.

| Derivatives, book values | 2008   |             | 2007   |             |
|--------------------------|--------|-------------|--------|-------------|
|                          | Assets | Liabilities | Assets | Liabilities |
|                          | 84     | 69          | 40     | 25          |

## 27. Maturity analysis of cash flow hedge accounting 31.12.2008

Result of the hedging instrument is booked to the income statement at the realisation of the cash flow. Contractual maturities of hedging instruments equals to the hedged cash flow.

| EUR million  |   |                                 |                                      |                                      | EUR million  |   |                                 |                                      |                                      |
|--|---|---------------------------------|--------------------------------------|--------------------------------------|--|---|---------------------------------|--------------------------------------|--------------------------------------|
| 31.12.2008   |   |                                 |                                      |                                      | 31.12.2007   |   |                                 |                                      |                                      |
| Periods when the forecasted cash flow are expected to occur      | Highly probable foreign currency cash flows | Contractual interest cash flows | Highly probable commodity cash flows | Highly probable commodity cash flows | Periods when the forecasted cash flow are expected to occur      | Highly probable foreign currency cash flows | Contractual interest cash flows | Highly probable commodity cash flows | Highly probable commodity cash flows |
| Q 1  | 86  | -1                              | 1                                    | -4                                   | Q 1  | 140   | -4                              |                                      | -7                                   |
| Q 2  | 64  | 0                               | 1                                    | -4                                   | Q 2  | 75  | -4                              |                                      | -7                                   |
| Q 3  | 40  | -1                              | 1                                    | -4                                   | Q 3  | 45  | -4                              |                                      | -7                                   |
| Q 4  | 32  | 0                               | 1                                    | -5                                   | Q 4  |   | -4                              |                                      | -7                                   |
| Total 2009   | 222   | -2                              | 4                                    | -17                                  | Total 2008   | 260   | -16                             |                                      | -28                                  |
| 2010   |   | -1                              |                                      | -17                                  | 2009   |   | -2                              |                                      | -23                                  |
| 2011   |   | -1                              |                                      | -13                                  | 2010   |   | -2                              |                                      | -13                                  |
| 2012   |   | -1                              |                                      |                                      | 2011   |   | -1                              |                                      | -3                                   |
| 2013   |   |                                 |                                      |                                      | 2012   |   |                                 |                                      |                                      |
| Total cash flows   | 222   | -5                              | 4                                    | -47                                  | Total cash flows   | 260   | -21                             |                                      | -67                                  |
| Total nominal values of derivatives directed to hedge accounting | 222   | 80                              | 4                                    | 47                                   | Total nominal values of derivatives directed to hedge accounting | 260   | 230                             |                                      | 67                                   |

## 28. M-real's principal subsidiaries 31 December 2008

|   | Country         | Group's holding, [%] | Number of shares |
|---|-----------------|----------------------|------------------|
| <b>Shares and participations owned by the group</b> |                 |                      |                  |
| Metsäliitto Cooperative                             | Finland         |                      | 179,171          |
| <b>Shares in subsidiaries</b>                       |                 |                      |                  |
| <b>In Finland</b>                                   |                 |                      |                  |
| Oy Hangö Stevedoring Ab                             | Finland         | 100                  | 150              |
| Kemiart Liners Oy                                   | Finland         | 100                  | 2,000,000        |
| Logisware Oy  | Finland         | 100                  | 4,500            |
| OOO Peterbox  | Russia          | 100                  |                  |
| M-real International Oy                             | Finland         | 100                  | 10,000           |
| Metsä Group Financial Services Oy                   | Finland         | 51                   | 25,500           |
| <b>In other countries</b>                           |                 |                      |                  |
| M-real Deutsche Holding GmbH                        | Germany         | 100                  |                  |
| M-real Fine B.V.                                    | The Netherlands | 100                  | 1,000            |
| M-real Holding France SAS                           | France          | 100                  | 520,000          |
| M-real IBP Deals Americas Ltd                       | USA             | 100                  | 50               |
| M-real IBP Deals Europe S.A.                        | Belgium         | 100                  | 1,000            |
| M-real NL Holding B.V.                              | The Netherlands | 100                  | 15,350           |
| M-real Reinsurance AG                               | Switzerland     | 100                  | 19,997           |
| M-real Services S.p.Z.o.o                           | Poland          | 100                  | 400              |
| M-real Sverige Ab                                   | Sweden          | 100                  | 10,000,000       |
| M-real UK Holdings Ltd                              | Great Britain   | 100                  | 146,750,000      |

|  | Country        | Group's holding, (%) | Number of shares |
|--|----------------|----------------------|------------------|
| <b>Subgroups in Finland</b>              |                |                      |                  |
| <b>M-real International Oy</b>           |                |                      |                  |
| M-real Benelux B.V.                      | Netherlands    | 100                  | 2,000            |
| M-real Benelux n.v./s.a                  | Belgium        | 100                  | 2,921            |
| M-real CZ, s.r.o.                        | Czech Republic | 100                  |                  |
| M-real Deutschland GmbH                  | Germany        | 100                  | 1                |
| M-real France S.A.                       | France         | 100                  | 8,211            |
| M-real Hellas Ltd                        | Greece         | 51                   | 306              |
| M-real Hong Kong Ltd                     | Hong Kong      | 100                  | 100              |
| M-real Shanghai Ltd                      | China          | 100                  |                  |
| M-real Ibéria S.A.                       | Spain          | 100                  | 147,871          |
| M-real Ireland Ltd                       | Ireland        | 100                  | 5,000            |
| M-real Italia s.r.l.                     | Italy          | 100                  | 100,000          |
| M-real Kft                               | Hungary        | 100                  | 30               |
| M-real ( Middle East & North Africa) Ltd | Cyprus         | 100                  | 742,105          |
| M-real Polska Sp. Z o.o.                 | Poland         | 100                  | 232              |
| M-real Nordic A/S                        | Denmark        | 100                  | 36               |
| M-real Nordic AB                         | Sweden         | 100                  | 1,000            |
| M-real Singapore Pte Ltd                 | Singapore      | 100                  | 10,000           |
| M-real Slovakia, S.r.o.                  | Slovakia       | 100                  |                  |
| M-real Schweiz AG                        | Switzerland    | 100                  | 100              |
| M-real UK Ltd                            | Great Britain  | 100                  | 2,400            |
| M-real USA Corporation                   | USA            | 100                  | 180              |
| <b>Subgroups in other countries</b>      |                |                      |                  |
| M-real Sverige AB                        |                |                      |                  |
| M-real Paper Tec Sverige AB              | Sweden         | 100                  | 1,000            |
| M-real Holding France SAS                |                |                      |                  |
| M-real Alizay SAS                        | France         | 100                  | 50,145,710       |
| M-real Alizay SNC                        | France         | 100                  | 40,000,000       |
| M-real Deutsche Holding GmbH             |                |                      |                  |
| M-real Zanders GmbH                      | Germany        | 100                  | 2,800,000        |
| M-real New Jersey Service Co.            | USA            | 100                  |                  |
| M-real Hallein AG                        | Austria        | 100                  | 70               |
| M-real NL Holding B.V                    |                |                      |                  |
| M-real IBP Deals (China) Ltd             | China          | 100                  |                  |
| M-real IBP HK Ltd                        | Hong Kong      | 100                  | 7,009,900        |
| M-real UK Holdings Ltd                   |                |                      |                  |
| M-real UK Services Ltd                   | Great Britain  | 100                  | 115,800,001      |

## 29. Joint ventures

Joint ventures have been consolidated using line-by-line method proportionate to the M-real Group's holding.

Group's consolidated Income statement and Balance sheet included assets, liabilities, income and costs as follows:

| EUR million               | 2008 | 2007 | Group's holding, %          | 2008  | 2007  |
|---------------------------|------|------|-----------------------------|-------|-------|
| Non-current assets        | 577  | 580  | Significant joint ventures: |       |       |
| Current assets            | 183  | 129  | Oy Metsä-Botnia Ab          | 30,0  | 30,0  |
| Assets total              | 760  | 709  | Äänevoima Oy                | 56,25 | 56,25 |
|                           |      |      | Grovehurst Energy Ltd       | 0,0   | 50,0  |
| Non-current liabilities   | 215  | 193  |                             |       |       |
| Current liabilities       | 82   | 106  |                             |       |       |
| Liabilities total         | 297  | 299  |                             |       |       |
| Sales                     | 495  | 462  |                             |       |       |
| Expenses                  | 444  | 410  |                             |       |       |
| The profit for the period | 41   | 39   |                             |       |       |

Grovehurst Energy Ltd was sold in February 2008 as part of New Thames mill disposal.

## 30. Contingent liabilities

| EUR million                              | 2008      | 2007      |
|--|-----------|-----------|
| <b>For own liabilities</b>               |           |           |
| Liabilities secured by pledges           |           |           |
| Loans from financial institutions        | 1         | 1         |
| Pledges granted                          |           |           |
| Liabilities secured by mortgages         |           |           |
| Loans from financial institutions        | 47        | 47        |
| Other liabilities                        | 0         | 0         |
| Real estate mortgages                    | 47        | 47        |
| <b>On behalf of Group companies</b>      |           |           |
| Real estate mortgages                    | 4         | 4         |
| Guarantee liabilities                    | 0         | 0         |
| <b>On behalf of associated companies</b> |           |           |
| Guarantee liabilities                    | 1         | 1         |
| <b>On behalf of others</b>               |           |           |
| Guarantee liabilities                    | 2         | 2         |
| <b>Other liabilities</b>                 |           |           |
| As security for other commitments        | 1         | 1         |
| <b>Total</b>                             |           |           |
| Pledges                                  | 1         | 1         |
| Real estate mortgages                    | 51        | 51        |
| Guarantees                               | 3         | 3         |
| Promissory notes                         | 0         | 0         |
| Other liabilities                        | 1         | 1         |
| Leasing liabilities                      | 13        | 13        |
| <b>Total</b>                             | <b>69</b> | <b>69</b> |

### Leasing liabilities

The future costs for contracts exceeding 12 months and for non-cancellable operating leasing contracts are as follows:

|                                     |           |           |
|-------------------------------------|-----------|-----------|
| Payments due in following 12 months | 6         | 4         |
| Payments due in following 1-5 years | 6         | 4         |
| Payments due later than 5 years     | 1         | 5         |
| <b>Total</b>                        | <b>13</b> | <b>13</b> |

Operational lease charges were EUR 9 million (22).

### Unconditional purchase agreement

|                                     |    |    |
|-------------------------------------|----|----|
| <b>Tangible assets</b>              |    |    |
| Payments due in following 12 months | 0  | 22 |
| Due later                           | 1  | 4  |
| <b>Other purchases</b>              |    |    |
| Payments due in following 12 months | 35 | 7  |
| Due later                           | 5  | 22 |

### Joint ventures

Proportionate interest in Metsä-Botnia's unconditional purchase agreement, fixed assets, was EUR 0.0 million (24.7).

## 31. Share based payment

### Share incentive scheme 2005–2007

On February 2005, M-real's Board of Directors decided to adopt a share incentive scheme. The scheme offers target groups the possibility to be awarded M-real Corporation's B shares for achieving the goals set for three incentive periods, each of one calendar year.

The periods during which the bonus can be earned are the calendar years 2005, 2006 and 2007. The size of the bonus awarded under the share incentive scheme is linked to the Group company's operating profit (EBIT, 50 per cent weight) and the return on capital employed (ROCE, 50 per cent weight). The bonus payable under the share incentive scheme is paid in the form of M-real Corporation's B shares. In addition, an amount corresponding at maximum to 1.5 times the value of the shares is paid in cash to cover taxes. The respective bonus is paid at the end of each incentive period, as a combination of cash and shares. The achievement of the targets set for the period involved determines how large a share of the maximum bonus is paid to key personnel.

The bonus is not paid if the person concerned ceases to be employed before the award is paid. The person concerned must also continue to own the shares for at least two years after the date of the award payment.

### Share incentive scheme 2008–2010

On 16 January 2008, M-real's Board of Directors decided to adopt a share incentive scheme for 2008–2010. The scheme offers target groups the possibility to be awarded M-real Corporation's B shares for achieving the goals set for three incentive periods, each of one calendar year.

The size of the bonus awarded under the share incentive scheme is linked to the Group company's operating profit (EBIT, 50 per cent weight) and the return on capital employed (EBIT, 50 per cent weight) and the return on capital employed (ROCE, 50 per cent weight). The bonus payable under the share incentive scheme is paid in the form of M-real Corporation's B shares. In addition, an amount corresponding at maximum to the value of the shares is paid in cash to cover taxes. The achievement of the targets set for the period involved determines how large a share of the maximum bonus is paid to key personnel.

The bonus is not paid if the person concerned ceases to be employed before the award is paid. The person concerned must also continue to own the shares for at least two years after the date of the award payment.

|  | M-real Corporation's equity-based rewards scheme<br>2005–2007 |                        | M-real Corporation's equity-based rewards scheme<br>2008–2010 |         |
|--|---|------------------------|---|---------|
|  | Issued by the Board's decision<br>4.2.2005                    |                        | Issued by the Board's decision<br>16.1.2008                   |         |
| Instrument                                 | Equity-based reward scheme                                    |                        | Equity-based reward scheme                                    |         |
|  | 2006 *  | 2007 *                 | 2008*   | Total   |
| Maximum number of shares *)                | 108,000   | 80,000                 | 90,000  | 278,000 |
| Share price at grant date, EUR             | 4.21  | 4.81                   | 2.54  |         |
| Fair value of share at grant date, EUR **) | 3.97  | 4.57                   | 2.42  |         |
| Share price at end of exercise period, EUR | 4.8   | 2.1                    | 0.69  |         |
| Vesting period                             | 1.1.2006<br>31.12.2006  | 1.1.2007<br>31.12.2007 | 1.1.2008<br>31.12.2008  |         |
| Criteria                                   |   |                        |   |         |
| 50%  | EBIT  | EBIT                   | EBIT  |         |
| 50%  | ROCE  | ROCE                   | ROCE  |         |
| Exercise assumption                        | 0   | 0                      | 0   |         |
| Obligation to hold shares, years           | 2   | 2                      | 2   |         |
| The release date of shares                 | 1.1.2009  | 1.1.2010               | 1.1.2011  |         |
| Binding time left, years                   | no rewards  | no rewards             | no rewards  |         |
| Number of key personnel, 31 Dec            | 0   | 0                      | 7   |         |
| Amounts, 1 Jan                             |   |                        |   |         |
| Shares granted                             | 108,000   | 80,000                 | 0   | 188,000 |
| Shares forfeited                           | 0   | 0                      | 0   | 0       |
| Shares exercised                           | 0   | 0                      | 0   | 0       |
| Shares expired                             | 108,000   | 0                      | 0   | 108,000 |
| Total                                      | 0   | 80,000                 | 0   | 80,000  |
| Changes during the period                  |   |                        |   |         |
| Shares granted **)                         | 0   | 0                      | 90,000  | 90,000  |
| Shares forfeited                           | 0   | 0                      | 12,500  | 12,500  |
| Shares exercised                           | 0   | 0                      | 0   | 0       |
| Shares expired                             | 0   | 80,000                 | 0   | 80,000  |
| Amounts, 31 Dec                            |   |                        |   |         |
| Shares granted **)                         | 108,000   | 80,000                 | 90,000  | 278,000 |
| Shares forfeited                           | 0   | 0                      | 12,500  | 12,500  |
| Shares exercised                           | 0   | 0                      | 0   | 0       |
| Shares expired                             | 108,000   | 80,000                 | 0   | 188,000 |
| Total                                      | 0   | 0                      | 77,500  | 77,500  |

\*The amounts in the table reflect the numbers of shares to be given on the base of share-based payment. M-real has also committed not to pay more than 1.5 times the value of shares in cash (tax-portion).

\*\*The share price has been reduced by the amount of the dividend to be paid, which will not be received by the persons. The figures exclude Metsä-Botnia's equity-based reward scheme.

#### Fair value measuring

M-real has used Alexander Corporate Finance Oy as an expert to measure the fair value of the reward. Because the reward will be paid as a combination of shares and cash, the fair value measuring has been split according to IFRS 2 into two parts: the share-settled part recognised in shareholders' equity and the cash-settled part in liabilities.

The fair value of the share-settled part at exercise date was the market price of M-real's B share less any dividend paid before the payment of the reward. Thus, the calculated fair value of the cash-settled part at the end of incentive period 2006 was EUR 3.97 per share, at the end of incentive period 2007 EUR 4.57 and at the end of incentive period 2008 EUR 2.42 per share. Correspondingly, the fair value of the cash-settled part is estimated on every ba-

lance sheet date until the end of incentive period, and thus the fair value of the liability will change according to M-real's B share. At the end of the accounting period, the fair value of the cash-settled part was EUR 0.69 per share. In addition, M-real Corporation's share of Metsä-Botnia's costs arising from share-based payment is included in M-real's cash-settled part. So far the criteria set for the M-real's share incentive scheme have not been achieved and thus no costs have been recognised. The only recognised expenses are for Metsä-Botnia's share-based payments, and their effect on the operating result of the accounting period 2008 totalled EUR 0.1 million (0.1).

| Parameters used in fair value measuring           | Vesting period |        |        | Total   |
|---|----------------|--------|--------|---------|
|   | 2006           | 2007   | 2008   |         |
| Granted shares                                    | 108,000        | 80,000 | 90,000 | 278,000 |
| Share price at grant date, EUR                    | 4.21           | 4.81   | 2.4    |         |
| Assumed dividends, EUR                            | 0.24           | 0.24   | 0.12   |         |
| Share price at end of exercise period*, EUR       | 3.97           | 4.57   | 2.42   |         |
| Share price at the end of financial period**, EUR | 5.82           | 2.1    | 0.69   |         |
| Assumed shares to be forfeited                    |                |        |        |         |
| before allocation                                 | 0              | 0      | 14     |         |
| during binding time                               | 0              | 0      | 0      |         |
| Exercise assumption of criteria                   | 0              | 0      | 0      |         |
| Shares exercised during vesting period            | 0              | 0      | 0      |         |
| The fair value of reward at 31 Dec. 2007, EUR     | 0              | 0      | 0      | 0       |
| Expense recognised, EUR                           | 0              | 0      | 0      | 0       |

\* Share price at the end of the exercise period deducted by expected dividend before the reward payment: EUR 0.12 (vesting periods 2006 and 2007) and EUR 0.06 (vesting period 2008).

\*\* Share prices in vesting periods 2006 and 2007 are the prices at the date of the payment. The shares were transferred on 20.3.2007 and 15.4.2008. Share price in vesting period 2008 is the price at the end of the financial period.

## 32. Related party transactions

M-real's ultimate parent company is Finnish Metsäliitto Cooperative. At 31 December 2008 Metsäliitto owned 38.6 per cent of M-real's shares and 60.5 per cent of the voting rights.

The significant other subsidiaries of Metsäliitto with whom M-real had business activities are as follows:

Metsä Tissue Group  
Metsäliitto Sverige Ab  
Metsäliitto France

The principal subsidiaries of M-real are listed in the Note 28.

M-real owns 30 per cent (30) and Metsäliitto 23 per cent (23) of the shares in Metsä-Botnia. Metsä-Botnia has been consolidated using line-by-line method proportionate to the M-real's and Metsäliitto's holding.

In January 2007, M-real sold nine per cent of Metsä-Botnia's shares to its parent company, Metsäliitto Cooperative for EUR 240 million, posting a gain of EUR 135 million.

Metsä-Botnia purchases most of the wood used in production from Metsäliitto. The total wood purchases from Metsäliitto were EUR 303 million in 2008 (295). The price used was market price.

Metsä-Botnia sells pulp to Metsä Tissue, M-real's sister company, at market price. Metsä Group Financial Services Oy owned by M-real (51 per cent) and Metsäliitto (49 per cent) is Group's internal bank. The interest rates are market based.

| EUR million             | Transactions with parent company |      | Transactions with sister companies |      |
|-------------------------|----------------------------------|------|------------------------------------|------|
|                         | 2008                             | 2007 | 2008                               | 2007 |
| Sales                   | 11                               | 13   | 23                                 | 21   |
| Other operating income  | 2                                | 137  | 1                                  | 1    |
| Purchases               | 303                              | 295  | 268                                | 254  |
| Interest income         | 5                                | 1    | 2                                  | 2    |
| Interest expenses       | 3                                | 8    | 1                                  | 0    |
| Receivables             |                                  |      |                                    |      |
| Non-current receivables | 0                                | 15   | 5                                  | 5    |
| Current receivables     | 12                               | 5    | 37                                 | 36   |
| Liabilities             |                                  |      |                                    |      |
| Non-current liabilities | 0                                | 1    | 0                                  | 0    |
| Current liabilities     | 126                              | 126  | 29                                 | 23   |

There are no doubtful receivables in the receivables from group companies. And no bad debt was recognised during the period. No security has been given for group liabilities. The compensations paid to management are presented in the Note 6. The parent company has no commitments on behalf of management nor receivables from management. Transactions with associated companies are presented in the Note 13. Joint ventures are presented in the Note 29.

### 33. Environmental affairs

| EUR million   | 2008  | 2007  |
|---|-------|-------|
| Income statement  |       |       |
| Materials and services                                    | 22    | 26    |
| Employee costs  |       |       |
| Wages and fees  | 4     | 4     |
| Other employee costs                                      | 1     | 1     |
| Depreciation  | 20    | 18    |
| Other operating expenses                                  | 10    | 16    |
|   | 57    | 65    |
| Balance sheet   |       |       |
| Tangible assets   |       |       |
| Acquisition costs, 1 Jan                                  | 489   | 496   |
| Increases   | 60    | 17    |
| Decreases   | -143  | -24   |
| Depreciation  | -234  | -316  |
| Book value, 31 Dec.                                       | 172   | 173   |
| Provisions  |       |       |
| Environmental obligations                                 | 5     | 5     |
| CO <sub>2</sub> emission allowances continuing operations |       |       |
| Possession of emission allowances, 1,000 tonnes           | 1,139 | 1,445 |
| Emission produced (2007 verified), 1,000 tonnes           | 1,087 | 1,129 |
| The sales of emission allowances (EUR million)            | 3.5   | 0.1   |

### 34. Events after the Balance sheet date

The new management and reporting structure including the Consumer Packaging, Office Papers and Other Papers business areas as well as the Market Pulp and Energy reporting segment was announced on 5 January 2009.

M-real announced on 8 January 2009 beginning of statutory negotiations concerning 1,500 people at mill operations in Finland.

M-real announced on 14 January 2009 of statutory negotiations at the Hallein mill, Austria, concerning 480 people and of plans the discontinuation of paper production by the end of April. At Gohrsmühle, Germany, standard fine paper production will be discontinued during April while the production of uncoated fine paper reels and folio sheets will be expanded. The future options for Hallein pulp mill are under consideration. Also the strategic review related to paper businesses continues.

Standard & Poor's downgraded M-real's B- rating to CCC+. The outlook of the rating remains negative. Downgrade has an annual impact of approximately EUR 2 million on annual financing costs.

On 5 January 2008, M-real launched a new profit improvement programme with an annual target of EUR 80 million. The programme targets at savings in the business areas and streamlining the support functions to reflect the new company structure after the divestment of Graphic Papers. The full annual effect of the programme will be visible from 2011. The majority of the profit improvement measures are expected to be implemented in 2009, and the profit impact is estimated to be EUR 20–25 million in 2009. The related non-recurring costs booked during 2009 are expected to be about EUR 18 million. At the same time, M-real will also implement a separate EUR 60 million programme to boost the 2009 cash flow including e.g. reduction of operating net working capital and cuts in investments.

# Shares and shareholders

## Share capital and shares at 31 December 2008

The company's paid-in share capital on the balance sheet date was EUR 557,881,540.40 and consisted of 328,165,612 shares. The company has two series of shares. The number of series A shares was 36,339,550 and the number of series B shares 291,826,062. Each share entitles its holder to twenty (20) votes at a General Meeting of Shareholders, and each series B share entitles the holder to one (1) vote. All shares carry the same right to receive a dividend. M-real's A shares can be converted to B shares if shareholder or representative of the nominee registered shares makes a written request of the conversion to the company. The conversion does not include additional consideration.

## Stock Exchange listings and share price development

In 2008, the highest price of M-real's B shares on the NASDAQ OMX Helsinki Ltd was EUR 3.28, the lowest EUR 0.67, and the average price EUR 1.59. At year-end, the price of the B share was EUR 0.69. In 2007, the average price was 4.56, and at year-end 3.25. The trading volume of B shares was EUR 1,004 million, or 217 per cent of the share capital. The market value of the A and B shares totalled EUR 232 million at the year-end.

At year-end, Metsäliitto Cooperative owned 38.6 per cent of M-real Corporation's shares, and the voting rights conferred by these shares was 60.5 per cent. International investors' holdings were 25 per cent.

## Flaggings

On 9 January, Norges Bank's (Central Bank of Norway) holding in M-real increased to 5.3 per cent of the share capital and 1.7 per cent of the voting rights.

On 2 May, Hermes Focus Asset Management Europe Ltd's holding in M-real decreased to 4.9 per cent of the share capital and 2.3 per cent of the voting rights.

On 29 September, Financier de l'Echiquier SA's holding in M-real increased to 5.1 per cent of the share capital and 1.6 per cent of the voting rights.

## Impact of change in control

Many of M-real's financing agreements include a clause under which its loans will mature before their stated maturity if any new party will acquire control of M-real. In addition, shareholders agreements include a provision under which M-real must offer its shares in such companies for sale to the other shareholders in such companies in case of M-real's change of control. According to the shareholders agreement for Oy Metsä-Botnia Ab, the shareholders must offer their shares for sale to the other shareholders in case of their change of control. A possible decrease of the voting rights of Metsäliitto Cooperative in M-real below 50 per cent would not alone, however, obligate M-real to offer its shares in Oy Metsä-Botnia Ab.

## Directors' interest

Shareholdings of the Board of Directors and the Corporate Management Team are presented on pages 108-111.

## Board of Directors' authority to issue shares

The Board of Directors has authority to increase the share capital through one or more rights issues and/or more issues of convertible bonds such that in the rights issue or issue of convertible bonds, according to Finnish Companies Act, Chapter 10 a total maximum of 58,365,212 M-real Corporation B shares can be subscribed for, and that the company's share capital can be increased by a total maximum of EUR 99,220,860.40

The authorization will confer the right to disapply shareholders' pre-emptive right to subscribe for new share and/or issues of convertible bonds and to decide on the subscription prices and other terms and conditions. Shareholder's pre-emptive subscription rights can be disappplied providing that there is a significant financial reason for the company to do so, such as strengthening of the company's balance sheet, making possible business structuring arrangements or taking other measures for developing the company's business operations.

## Dividend policy

M-real's dividend policy is stable and rewarding to shareholders, and aims at paying a dividend of at least 1/3 of the Company's earnings per share on average over the business cycle, nonetheless taking into account the Company's gearing target.

Changes in share capital and numbers of shares 1.1.2000 - 31.12.2008

|           |                                      | Numbers of shares | Share capital EUR million |
|-----------|--------------------------------------|-------------------|---------------------------|
| 1999      | Share capital, 31 Dec. 1999          | 138,999,425       | 233.8                     |
| 2000      | Change in nominal value              |                   |                           |
|           | 5 May 2000, from share premium funds |                   | 2.5                       |
|           | Share capital, 31 Dec. 2000          | 138,999,425       | 236.3                     |
| 2001      | Rights issue                         | 35,000,000        | 59.5                      |
|           | Rights issue                         | 5,000,000         | 8.5                       |
|           | Share capital, 31 Dec. 2001          | 178,999,425       | 304.3                     |
| 2002-2003 | No changes                           |                   |                           |
|           | Share capital, 31 Dec. 2003          | 178,999,425       | 304.3                     |
| 2004      | Rights issue                         | 148,633,415       | 252.7                     |
|           | Rights issue                         | 532,772           | 0.9                       |
|           | Share capital, 31 Dec. 2004          | 328,165,612       | 557.9                     |
| 2005-2008 | No changes                           |                   |                           |
|           | Share capital, 31 Dec. 2008          | 328,165,612       | 557.9                     |



## Biggest shareholders\* 31.12.2008

|   | A share    | B share     | Total       | % of shares | % votes |
|---|------------|-------------|-------------|-------------|---------|
| 1 Metsäliitto Cooperative                                   | 25,751,535 | 100,978,057 | 126,729,592 | 38.62       | 60.48   |
| 2 Varma Mutual Pension Insurance Company                    | 2,203,544  | 12,015,451  | 14,218,995  | 4.33        | 5.51    |
| 3 Ilmarinen Mutual Pension Insurance Company                | 3,534,330  | 3,028,211   | 6,562,541   | 2.00        | 7.24    |
| 4 OP Delta Fund   | 0          | 6,100,000   | 6,100,000   | 1.86        | 0.60    |
| 5 Central Union of Agricultural Producers and Forest Owners | 1,704,249  | 1,437,230   | 3,141,479   | 0.96        | 3.49    |
| 6 Sampo Suomi Osake Investment fund                         | 0          | 2,311,000   | 2,311,000   | 0.70        | 0.23    |
| 7 Mutual Insurance Company Pension-Fennia                   | 0          | 2,200,000   | 2,200,000   | 0.67        | 0.22    |
| 8 FIM Fenno Mutual Fund                                     | 0          | 2,030,773   | 2,030,773   | 0.62        | 0.20    |
| 9 Pohjola Finland Value                                     | 0          | 2,005,340   | 2,005,340   | 0.61        | 0.20    |
| 10 Evti Alexander Management Oy                             | 0          | 1,983,908   | 1,983,908   | 0.60        | 0.19    |
| 11 City of Turku  | 0          | 1,762,799   | 1,762,799   | 0.54        | 0.17    |
| 12 Inkinen Simo-Pekka Juhani                                | 0          | 1,410,000   | 1,410,000   | 0.43        | 0.14    |
| 13 Sampo Finnish Institutional Equity Fund                  | 0          | 1,132,000   | 1,132,000   | 0.34        | 0.11    |
| 14 Etera Mutual Pension Insurance Company                   | 120,000    | 858,194     | 978,194     | 0.30        | 0.32    |
| 15 Veikko Laine Oy  | 0          | 910,000     | 910,000     | 0.28        | 0.09    |
| 16 FIM Forte Mutual Fund                                    | 0          | 738,510     | 738,510     | 0.23        | 0.07    |
| 17 Mandatum Finland Fund                                    | 0          | 710,000     | 710,000     | 0.22        | 0.07    |
| 18 OP-Focus Fund  | 0          | 642,152     | 642,152     | 0.20        | 0.06    |
| 19 Metsäliiton Toimienhaltijain Eläkesäätiö                 | 16,070     | 577,900     | 593,970     | 0.18        | 0.09    |
| 20 Venhola Jyri   | 0          | 550,000     | 550,000     | 0.17        | 0.05    |

\* shareholders in the book entry system

| M-real A share              |                        |      |                        |       |                 |       |
|-----------------------------|------------------------|------|------------------------|-------|-----------------|-------|
| Number of shares            | Number of shareholders | %    | Total number of shares | %     | Number of votes | %     |
| 1-100                       | 822                    | 25.6 | 47,681                 | 0.1   | 953,620         | 0.1   |
| 101-500                     | 1,334                  | 41.5 | 389,688                | 1.1   | 7,793,760       | 1.1   |
| 501-1 000                   | 522                    | 16.2 | 432,189                | 1.2   | 8,643,780       | 1.2   |
| 1 001-5 000                 | 471                    | 14.6 | 1,021,797              | 2.8   | 20,435,940      | 2.8   |
| 5 001-10 000                | 35                     | 1.1  | 248,490                | 0.7   | 4,969,800       | 0.7   |
| 10 001-50 000               | 26                     | 0.8  | 570,187                | 1.6   | 11,403,740      | 1.6   |
| 50 001-100 000              | 1                      | 0.0  | 88,090                 | 0.2   | 1,761,800       | 0.2   |
| 100 001-500 000             | 2                      | 0.1  | 347,770                | 1.0   | 6,955,400       | 1.0   |
| 500 001-                    | 4                      | 0.1  | 33,193,658             | 91.3  | 663,873,160     | 91.3  |
| Total                       | 3,217                  | 100  | 36,339,550             | 100.0 | 726,791,000     | 100.0 |
| of which nominee registered | 6                      |      | 55,323                 | 0.2   | 1,106,460       | 0.2   |
| On waiting list, total      |                        |      | 0                      |       | 0               |       |
| In joint accounts           |                        |      | 0                      |       | 0               |       |
| Total in special accounts   |                        |      | 0                      |       | 0               |       |
| Number issued               |                        |      | 36,339,550             | 100   | 726,791,000     | 100   |

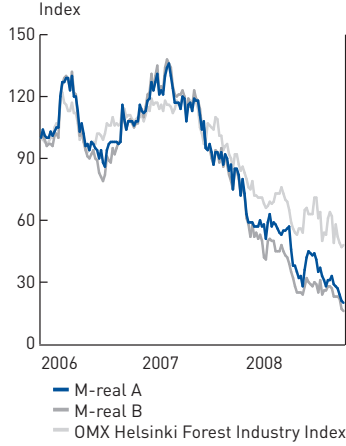
| M-real B share              |                        |       |                        |       |                 |       |
|-----------------------------|------------------------|-------|------------------------|-------|-----------------|-------|
| Number of shares            | Number of shareholders | %     | Total number of shares | %     | Number of votes | %     |
| 1-100                       | 14,292                 | 36.43 | 623,279                | 0.21  | 623,279         | 0.21  |
| 101-500                     | 11,685                 | 29.78 | 3,035,711              | 1.04  | 3,035,711       | 1.04  |
| 501-1 000                   | 4,947                  | 12.61 | 3,995,870              | 1.37  | 3,995,870       | 1.37  |
| 1 001-5 000                 | 6,160                  | 15.70 | 14,701,173             | 5.04  | 14,701,173      | 5.04  |
| 5 001-10 000                | 1,157                  | 2.95  | 8,591,861              | 2.94  | 8,591,861       | 2.94  |
| 10 001-50 000               | 833                    | 2.12  | 16,661,371             | 5.71  | 16,661,371      | 5.71  |
| 50 001-100 000              | 73                     | 0.19  | 4,999,528              | 1.71  | 4,999,528       | 1.71  |
| 100 001-500 000             | 64                     | 0.16  | 14,573,232             | 4.99  | 14,573,232      | 4.99  |
| 500 001-                    | 24                     | 0.06  | 224,644,037            | 76.98 | 224,644,037     | 76.98 |
| Total                       | 39,235                 | 100   | 291,826,062            | 100   | 291,826,062     | 100   |
| of which nominee registered | 13                     |       | 81,624,621             | 27.97 | 81,624,621      | 27.97 |
| On waiting list, total      |                        |       | 0                      |       | 0               |       |
| In joint accounts           |                        |       | 0                      |       | 0               |       |
| Total in special accounts   |                        |       | 0                      |       | 0               |       |
| Number issued               |                        |       | 291,826,062            | 100   | 291,826,062     | 100   |

**M-real shareholders  
31 December 2008**

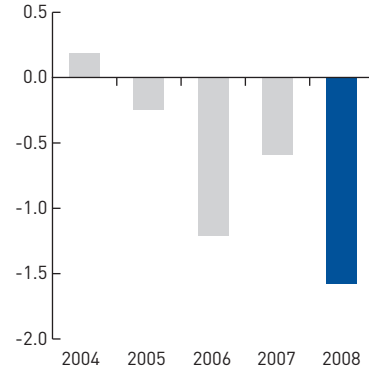


- Households 16.0%
- Public communities 8.6%
- Financial and insurance institutions 5.3%
- Non-profit-making organisations 2.8%
- Metsäliitto 38.6%
- Other companies 3.5%
- Non-Finnish nationals 25.2%

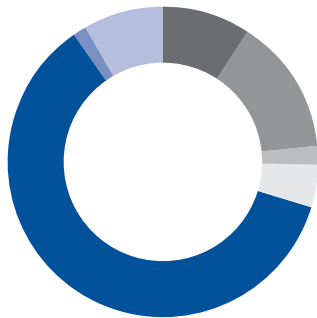
**Share price development**



**Earnings per share  
EUR**

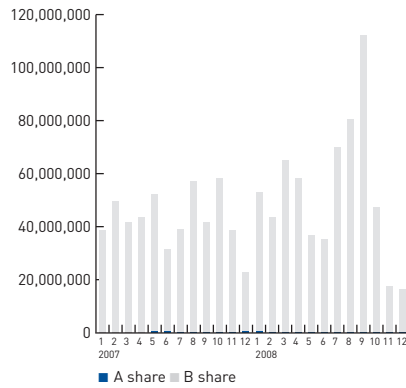


**M-real voting rights  
31 December 2008**

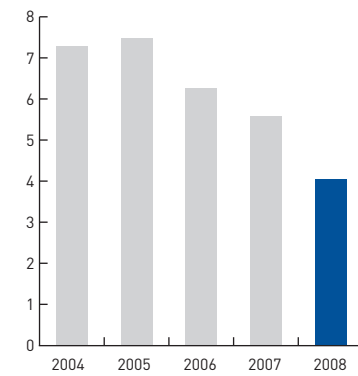


- Households 9.2%
- Public communities 14.2%
- Financial and insurance institutions 2.0%
- Non-profit-making organisations 4.4%
- Metsäliitto 60.5%
- Other companies 1.5%
- Non-Finnish nationals 8.2%

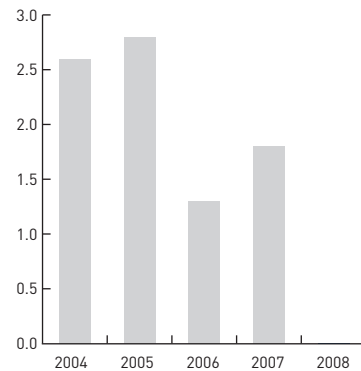
**Traded volume 2007-2008**



**Shareholders' equity per share  
EUR**



**Dividend yield  
%**



| <b>Share performance</b>                                 |             | <b>2008</b>         | <b>2007</b> | <b>2006</b> | <b>2005</b> | <b>2004</b> |
|--|-------------|---------------------|-------------|-------------|-------------|-------------|
| Adjusted prices, EUR                                     |             |                     |             |             |             |             |
| A share  | high        | 3.40                | 5.80        | 5.67        | 5.00        | 6.20        |
|  | low         | 0.77                | 3.00        | 3.66        | 3.94        | 4.22        |
|  | at year end | 0.83                | 3.40        | 4.81        | 4.24        | 4.68        |
|  | average     | 1.88                | 4.42        | 4.61        | 4.46        | 5.80        |
| B share  | high        | 3.28                | 5.94        | 5.62        | 4.93        | 6.43        |
|  | low         | 0.67                | 2.96        | 3.26        | 3.82        | 4.18        |
|  | at year end | 0.69                | 3.25        | 4.79        | 4.22        | 4.70        |
|  | average     | 1.59                | 4.56        | 4.41        | 4.36        | 5.59        |
| Trading in shares, units of NASDAQ OMX Helsinki Limited  |             |                     |             |             |             |             |
| A share  |             | 1,757,960           | 3,060,113   | 1,910,151   | 1,075,633   | 633,215     |
| % of total number of A shares                            |             | 4.8                 | 8.4         | 5.3         | 3.0         | 1.7         |
| B share  |             | 634,548,405         | 511,653,806 | 522,205,654 | 265,967,644 | 181,303,518 |
| % of total number of B shares                            |             | 217.4               | 175.3       | 178.9       | 91.1        | 62.1        |
| Number of shares at year end                             |             |                     |             |             |             |             |
| A share  |             | 36,339,550          | 36,339,550  | 36,339,550  | 36,339,550  | 36,340,550  |
| B share  |             | 291,826,062         | 291,826,062 | 291,826,062 | 291,826,062 | 291,825,062 |
| Total  |             | 328,165,612         | 328,165,612 | 328,165,612 | 328,165,612 | 328,165,612 |
| Adjusted number of shares at year end                    |             | 328,165,612         | 328,165,612 | 328,165,612 | 328,165,612 | 328,165,612 |
| Market capitalisation of shares at year end, EUR million |             | 231.5               | 1,070.0     | 1,572.6     | 1,385.6     | 1,541.7     |
| Number of shareholders*                                  |             | 40,555              | 38,067      | 39,984      | 43,350      | 41,629      |
| *shareholders in the book entry system                   |             |                     |             |             |             |             |
| <b>Figures per share</b>                                 |             |                     |             |             |             |             |
| EUR million  |             | <b>2008</b>         | <b>2007</b> | <b>2006</b> | <b>2005</b> | <b>2004</b> |
| Calculation of earnings per share, 1)                    |             |                     |             |             |             |             |
| Profit from continuing operations before tax             |             | -204                | -191        | -280        | -117        | -108        |
| - minority interest                                      |             | -9                  | 1           | 3           | -1          | -3          |
| - taxation   |             | 34                  | 23          | 11          | -13         | -17         |
| + tax adjustment for extraordinary items                 |             |                     |             |             |             |             |
| + Profit from discontinued operations                    |             | -338                | -27         | -130        | 50          | 173         |
| = Earnings   |             | -517                | -194        | -396        | -81         | 45          |
| - Adjusted number of shares (average)                    |             | 328,165,612         | 328,165,612 | 328,165,612 | 328,165,612 | 241,989,429 |
| Earnings per share, EUR                                  |             |                     |             |             |             |             |
| From continuing operations                               |             | -0.55               | -0.51       | -0.81       | -0.40       | -0.53       |
| From discontinued operations                             |             | -1.03               | -0.08       | -0.40       | 0.15        | 0.72        |
| Earnings per share total, EUR                            |             | -1.58               | -0.59       | -1.21       | -0.25       | 0.19        |
| Shareholders' equity per share, EUR                      |             | 4.05                | 4.93        | 5.62        | 6.92        | 7.29        |
| Dividend per share, EUR                                  |             | 0.00, <sup>2)</sup> | 0.06        | 0.06        | 0.12        | 0.12        |
| Dividend per profit, %                                   |             | 0.0                 | -10.2       | -5.0        | -48.0       | 63.2        |
| Nominal value per share, EUR                             |             | -                   | 1.70        | 1.70        | 1.70        | 1.70        |
| Dividend yield, %  |             |                     |             |             |             |             |
| Series A   |             | 0.0, <sup>2)</sup>  | 1.8         | 1.2         | 2.8         | 2.6         |
| Series B   |             | 0.0, <sup>2)</sup>  | 1.8         | 1.3         | 2.8         | 2.6         |
| Price/earning ratio ( P/E ratio)                         |             |                     |             |             |             |             |
| Series A   |             | -0.5                | -5.8        | -4.0        | -17.0       | 24.6        |
| Series B   |             | -0.4                | -5.5        | -4.0        | -16.9       | 24.7        |
| P/BV, %  |             |                     |             |             |             |             |
| Series A   |             | 20.5                | 60.9        | 76.8        | 56.6        | 64.2        |
| Series B   |             | 17.0                | 58.2        | 76.5        | 56.3        | 64.5        |

1) Year 2004 does not include the impacts of the Map Merchant and Graphic Papers divestments.

2) Board of Directors proposes that no dividend is paid for 2008.

# Ten years in figures

|  | 2008*           | 2007* | 2006* | 2005*  | 2004*  | 2003   | 2002   | 2001                | 2000                | 1999                |
|--|-----------------|-------|-------|--------|--------|--------|--------|---------------------|---------------------|---------------------|
| <b>Income statement, EUR million</b>                           |                 |       |       |        |        |        |        |                     |                     |                     |
| Sales  | 3,236           | 3,499 | 3,698 | 3,342  | 5,522  | 6,044  | 6,564  | 6,923               | 5,898               | 4,044               |
| - change %   | -7.5            | -5.4  | 10.7  | n/a    | -8.6   | -7.9   | -5.2   | 14.8                | 45.9                | 21.8                |
| Exports from Finland   | 1,216           | 1,084 | 1,068 | 875    | 1,696  | 1,653  | 1,714  | 1,743               | 1,719               | 1,805               |
| Exports and foreign subsidiaries                               | 3,068           | 3,274 | 3,459 | 3,160  | 5,182  | 5,652  | 6,173  | 6,438               | 5,376               | 3,603               |
| Operating profit   | -61             | -49   | -172  | 11     | 28     | 74     | 324    | 389                 | 604                 | 352                 |
| - % of sales   | -1.9            | -1.4  | -4.6  | 0.3    | 0.5    | 1.2    | 4.9    | 5.6                 | 10.2                | 8.7                 |
| Result from continuing operations before tax <sup>1)</sup>     | -204            | -191  | -280  | -117   | -108   | -80    | 134    | 154                 | 459                 | 268                 |
| - % of sales   | -6.3            | -5.5  | -7.6  | -3.5   | -2.0   | -1.3   | 2.0    | 2.2                 | 7.8                 | 6.6                 |
| Result for the period from continuing operations <sup>2)</sup> | -170            | -168  | -270  | -130   | -125   | -95    | 279    | 337                 | 516                 | 295                 |
| - % of sales   | -5.3            | -4.8  | -7.3  | -3.9   | -2.3   | -1.6   | 4.2    | 4.9                 | 8.7                 | 7.3                 |
| <b>Balance sheet, EUR million</b>                              |                 |       |       |        |        |        |        |                     |                     |                     |
| Balance sheet total  | 4,505           | 5,481 | 6,458 | 6,580  | 6,486  | 7,106  | 7,410  | 8,005               | 7,798               | 4,608               |
| Shareholders' equity   | 1,329           | 1,830 | 2,055 | 2,459  | 2,393  | 2,245  | 2,461  | 2,341               | 1,953               | 1,711               |
| Minority interest  | 58              | 52    | 63    | 45     | 37     | 19     | 75     | 60                  | 52                  | 56                  |
| Interest-bearing net liabilities                               | 1,254           | 1,867 | 2,403 | 2,205  | 2,183  | 3,109  | 3,019  | 3,482               | 3,693               | 1,471               |
| <b>Dividends and figures per share</b>                         |                 |       |       |        |        |        |        |                     |                     |                     |
| Dividends, EUR million   | 0 <sup>3)</sup> | 19.7  | 19.7  | 39.4   | 39.4   | 53.7   | 107.4  | 107.4               | 83.4                | 63.1                |
| Dividend per share, EUR  | 0 <sup>3)</sup> | 0.06  | 0.06  | 0.12   | 0.12   | 0.25   | 0.51   | 0.51                | 0.51                | 0.38                |
| Dividend/profit, %   | 0 <sup>3)</sup> | -10.2 | -5.0  | -48.0  | 63.2   | -58.8  | 166.7  | 109.1               | 27.3                | 34.0                |
| Earnings per share, EUR  | -1.58           | -0.59 | -1.21 | -0.25  | 0.19   | -0.43  | 0.30   | 0.46                | 1.85                | 1.13                |
| Shareholders' equity per share, EUR                            | 4.05            | 5.58  | 6.26  | 7.49   | 7.29   | 10.56  | 11.57  | 11.01 <sup>4)</sup> | 11.83 <sup>4)</sup> | 10.34 <sup>4)</sup> |
| <b>Profitability</b>   |                 |       |       |        |        |        |        |                     |                     |                     |
| Return on capital employed, total %                            | -1.3            | -0.8  | -5.5  | 0.9    | 0.9    | 1.6    | 5.8    | 6.9                 | 13.5                | 10.5                |
| Return on equity, %  | -10.4           | -8.5  | -14.8 | -4.0   | -5.7   | -3.8   | 3.0    | 4.7 <sup>4)</sup>   | 15.5 <sup>4)</sup>  | 10.6 <sup>4)</sup>  |
| <b>Financial position</b>                                      |                 |       |       |        |        |        |        |                     |                     |                     |
| Equity ratio, %  | 30.8            | 34.4  | 32.8  | 38.1   | 37.5   | 31.9   | 34.2   | 30.0 <sup>4)</sup>  | 25.7 <sup>4)</sup>  | 38.4 <sup>4)</sup>  |
| Gearing ratio, %   | 152             | 124   | 132   | 101    | 103    | 151    | 133    | 162 <sup>4)</sup>   | 204 <sup>4)</sup>   | 106 <sup>4)</sup>   |
| Net gearing ratio, %   | 90              | 99    | 113   | 88     | 89     | 137    | 119    | 145 <sup>4)</sup>   | 184 <sup>4)</sup>   | 83 <sup>4)</sup>    |
| Net cash flow arising from operating Activities, EUR million   | -97             | 127   | 223   | 136    | 217    | 417    | 521    | 608                 | 692                 | 440                 |
| Internal financing on capital expenditure, %                   | -76             | 50    | 53    | 31     | 89     | 105    | 168    | 82                  | 32                  | 112                 |
| Net interest expenses, EUR million                             | 156             | 148   | 109   | 81     | 130    | 166.9  | 142.3  | 194.3               | 131.7               | 73.8                |
| Interest cover   | 0.4             | 1.9   | 3.0   | 2.7    | 2.7    | 3.5    | 4.7    | 4.1                 | 6.3                 | 7.0                 |
| <b>Other information</b>                                       |                 |       |       |        |        |        |        |                     |                     |                     |
| Gross capital expenditure, EUR million                         | 128             | 259   | 428   | 452    | 245    | 397    | 310    | 740                 | 2,150               | 394                 |
| - % of sales <sup>5)</sup>                                     | 3.2             | 5.9   | 9.9   | 11.9   | 4.4    | 6.6    | 4.7    | 10.7                | 36.5                | 9.7                 |
| R&D expenditure, EUR million <sup>6)</sup>                     | 10              | 14    | 18    | 22     | 28     | 27     | 26     | 27                  | 25                  | 17                  |
| - % of sales <sup>5)</sup>                                     | 0.3             | 0.4   | 0.5   | 0.6    | 0.5    | 0.4    | 0.4    | 0.4                 | 0.4                 | 0.4                 |
| Personnel, average   | 6,849           | 8,267 | 9,849 | 10,429 | 16,532 | 20,372 | 21,070 | 22,237              | 17,351              | 15,572              |
| - of whom in Finland <sup>4)</sup>                             | 2,437           | 2,824 | 3,344 | 3,423  | 5,263  | 6,178  | 6,328  | 6,406               | 6,584               | 6,966               |

\* The years 2004–2008 figures are calculated according to International Financial Reporting Standards (IFRS) and 1999–2003 according to Finnish Accounting Standards (FAS), but 1999–2004 does not include the impacts of the Map Merchant and Graphic Papers divestments.

1) The 1999–2003 figures profit before extraordinary items

2) The 1999–2003 figures profit before taxes and minority interest

3) Board of Directors proposes that no dividend is paid for 2008.

4) The convertible subordinated capital notes are included in liabilities

5) The key ratio for 2005–2008 has been calculated for continuing operations only.

6) From continuing operations for 2005–2008

Calculation of key ratios is presented on page 89.

# Calculation of key ratios

|   |   |  |
|---|---|--|
| Return on equity (%)  | = | $\frac{\text{Profit from continuing operations before tax}^{11} - \text{direct taxes}}{\text{Shareholders' equity (average)}}$   |
| Return on capital employed (%)                                | = | $\frac{\text{Profit from continuing operations before tax}^{11} + \text{interest expenses, net exchange gains/losses and other financial expenses}}{\text{Total equity + interest-bearing liabilities (average)}}$ |
| Equity ratio (%)  | = | $\frac{\text{Shareholders' equity}}{\text{Total assets - advance payments received}}$  |
| Gearing ratio (%)   | = | $\frac{\text{Interest-bearing borrowings}}{\text{Shareholders' equity}}$   |
| Net gearing ratio (%)   | = | $\frac{\text{Interest-bearing borrowings - liquid funds - interest-bearing receivables}}{\text{Shareholders' equity}}$   |
| Earnings per share  | = | $\frac{\text{Profit attributable to shareholders of parent company}^{21}}{\text{Adjusted number of shares (average)}}$   |
| Shareholders' equity per share                                | = | $\frac{\text{Equity attributable to shareholders of parent company}}{\text{Adjusted number of shares at 31 December}}$   |
| Dividend per share  | = | $\frac{\text{Dividends}}{\text{Adjusted number of shares at 31 December}}$   |
| Dividend per profit (%)                                       | = | $\frac{\text{Dividend per share}}{\text{Earnings per share}}$  |
| Dividend yield (%)  | = | $\frac{\text{Dividend per share}}{\text{Share price at 31 December}}$  |
| Price/earnings ratio (P/E ratio) (%)                          | = | $\frac{\text{Adjusted share price at 31 December}}{\text{Earnings per share}}$   |
| P/BV (%)  | = | $\frac{\text{Adjusted share price at 31 December}}{\text{Shareholders' equity per share}}$   |
| Adjusted average share price                                  | = | $\frac{\text{Total traded volume per share (EUR)}}{\text{Average adjusted number of shares traded during the financial year}}$   |
| Market capitalization   | = | Number of shares x market price at 31 December   |
| Internal financing of capital expenditure (%)                 | = | $\frac{\text{Net cash flow arising from operating activities}^{31}}{\text{Gross capital expenditure}}$   |
| Interest cover  | = | $\frac{\text{Net cash flow arising from operating activities 3)+ net interest expenses}}{\text{Net interest expenses}}$  |
| Net cash flow arising from operating activities <sup>31</sup> | = | Net cash flow arising from operating activities in the cash flow statement   |

<sup>11</sup> In 1999–2003 profit before extraordinary items

<sup>21</sup> In 1999–2003 profit before extraordinary items - direct tax - minority interests

<sup>31</sup> In 1999–2003 funds from operations in the cash flow statement

# Parent company accounts

(Finnish accounting standards, FAS)

## Income statement

| EUR million  | Note   | 1.1.-31.12.2008 | 1.1.-31.12.2007 |
|--|--------|-----------------|-----------------|
| <b>Sales</b>   | (1)    | 1,569           | 1,642           |
| Change in stocks of finished goods and in work           |        | -21             | -2              |
| Other operating income                                   | (2)    | 246             | 265             |
| <b>Materials and services</b>                            |        |                 |                 |
| Materials and services                                   |        |                 |                 |
| Purchases during the financial period                    |        | -983            | -990            |
| Change in inventories                                    |        | 4               |                 |
| External services  |        | -125            | -124            |
|  |        | -1,104          | -1,114          |
| <b>Employee costs</b>                                    | (3)    |                 |                 |
| Wages and salaries                                       |        | -96             | -105            |
| Social security expenses                                 |        |                 |                 |
| Pension expenses   |        | -26             | -29             |
| Other social security expenses                           |        | -53             | -64             |
|  |        | -175            | -198            |
| <b>Depreciation, amortisation and impairment charges</b> | (4)    |                 |                 |
| Depreciation according to plan                           |        | -112            | -164            |
| Impairment charges                                       |        | 0               | 4               |
|  |        | -112            | -160            |
| Other operating expenses                                 |        | -418            | -515            |
| <b>Operating result</b>                                  |        | -15             | -82             |
| <b>Financial income and expenses</b>                     | (5, 6) |                 |                 |
| Interest income from non-current investments             |        |                 |                 |
| Income from Group companies                              |        | 53              | 99              |
| Income from associated companies                         |        | 11              | 14              |
| Other interest and similar income                        |        |                 |                 |
| Other interest and similar income                        |        | 45              | 48              |
| Net exchange gains/losses                                |        | 43              | 31              |
| Write-downs on non-current investments                   |        | -601            | -134            |
| Other interest and similar expenses                      |        | -155            | -166            |
|  |        | -604            | -108            |
| <b>Loss before extraordinary items</b>                   |        | -619            | -190            |
| Extraordinary income and expenses                        | (7)    |                 |                 |
| Extraordinary income                                     |        | 8               | 16              |
|  |        | 8               | 16              |
| <b>Loss before appropriations and taxes</b>              |        | -611            | -174            |
| Appropriations   |        |                 |                 |
| Change in depreciation differences                       |        | 81              | 126             |
| Income taxes   | (8)    | -5              | -1              |
| <b>Loss for the financial period</b>                     |        | -535            | -49             |

# Parent company

## Balance sheet

| EUR million                                  | Note | 31.12.2008   | 31.12.2007   |
|--|------|--------------|--------------|
| <b>ASSETS</b>                                |      |              |              |
| <b>Non-current assets</b>                    |      |              |              |
| <b>Intangible assets</b> (9)                 |      |              |              |
| Intangible rights                            |      | 26           | 21           |
| Advance payment                              |      | 6            | 7            |
|  |      | 32           | 28           |
| <b>Tangible assets</b> (10)                  |      |              |              |
| Land and water areas                         |      | 12           | 16           |
| Buildings                                    |      | 144          | 227          |
| Machinery and equipment                      |      | 417          | 687          |
| Other tangible assets                        |      | 4            | 6            |
| Advance payment and construction in progress |      | 3            | 28           |
|  |      | 580          | 964          |
| <b>Investments</b> (11)                      |      |              |              |
| Shares in Group companies                    |      | 590          | 1,054        |
| Receivables from Group companies             |      | 119          | 264          |
| Shares in associated companies               |      | 255          | 309          |
| Receivables from associated companies        |      |              | 2            |
| Other shares and holdings                    |      | 60           | 34           |
| Other receivables                            |      | 220          |              |
|  |      | 1,244        | 1,663        |
|  |      | 1,856        | 2,655        |
| <b>Current assets</b>                        |      |              |              |
| <b>Inventories</b>                           |      |              |              |
| Raw materials and consumables                |      | 35           | 51           |
| Work in progress                             |      | 2            | 1            |
| Finished goods and goods for resale          |      | 74           | 126          |
| Advance payment                              |      | 11           | 9            |
|  |      | 122          | 187          |
| <b>Receivables</b> (12, 13, 14, 15)          |      |              |              |
| <b>Current</b>                               |      |              |              |
| Accounts receivables                         |      | 136          | 251          |
| Receivables from Group companies             |      | 599          | 841          |
| Receivables from associated companies        |      | 11           | 11           |
| Other receivables                            |      | 22           | 25           |
| Prepayment and accrued income                |      | 43           | 80           |
|  |      | 811          | 1,208        |
| <b>Cash and cash equivalents</b>             |      |              |              |
|  |      | 399          |              |
| <b>Total assets</b>                          |      | <b>3,188</b> | <b>4,050</b> |

| EUR million                         | Note | 31.12.2008   | 31.12.2007   |
|-------------------------------------|------|--------------|--------------|
| <b>EQUITY AND LIABILITIES</b>       |      |              |              |
| <b>Shareholders' equity</b> (16)    |      |              |              |
| Share capital                       |      | 558          | 558          |
| Share premium account               |      | 664          | 664          |
| Revaluation reserve                 |      | 82           | 82           |
| Retained earnings                   |      | 230          | 299          |
| Loss for the financial period       |      | -535         | -49          |
|                                     |      | 999          | 1,554        |
| <b>Appropriations</b>               |      |              |              |
| Accumulated depreciation difference |      | 250          | 331          |
| <b>Provisions</b> (17)              |      |              |              |
| Provisions for pensions             |      | 13           | 16           |
| Other provisions                    |      | 56           | 5            |
|                                     |      | 69           | 21           |
| <b>Liabilities</b>                  |      |              |              |
| <b>Non-current</b> (18, 19, 20)     |      |              |              |
| Bond loans                          |      | 1,165        | 1,396        |
| Loans from financial institutions   |      | 129          | 185          |
| Pension loans                       |      | 33           | 49           |
| Other liabilities                   |      | 5            | 8            |
|                                     |      | 1,332        | 1,638        |
| <b>Current</b> (18, 19, 21, 22)     |      |              |              |
| Bond loans                          |      | 240          | 208          |
| Loans from financial institutions   |      | 37           | 36           |
| Pension loans                       |      | 20           | 18           |
| Advance payments                    |      | 2            | 2            |
| Accounts payable                    |      | 51           | 81           |
| Payables to Group companies         |      | 106          | 44           |
| Payables to associated companies    |      | 1            | 2            |
| Other liabilities                   |      | 13           | 20           |
| Accruals and deferred income        |      | 68           | 95           |
|                                     |      | 538          | 506          |
|                                     |      | 1,870        | 2,144        |
| <b>Total equity and liabilities</b> |      | <b>3,188</b> | <b>4,050</b> |

# Parent company

## Cash flow statement

| EUR million  | 2008       | 2007        |
|--|------------|-------------|
| <b>Cash flow from Operating activities</b>                               |            |             |
| Operating result   | -16        | -82         |
| Adjustments to operating result a)                                       | 35         | 183         |
| Change in net working capital b)   | 143        | -19         |
| Interest   | -104       | -101        |
| Dividends received   | 65         | 113         |
| Other financial items  | 75         | 21          |
| Taxes  |            |             |
| <b>Net cash flow from operations</b>                                     | <b>198</b> | <b>115</b>  |
| <b>Investments</b>   |            |             |
| Purchase of shares   | -125       | -36         |
| Purchase of other fixed assets   | -50        | -67         |
| Sale of shares   | 80         | 315         |
| Sale of other fixed assets   | 150        | 11          |
| Increase in other non-current investments                                |            |             |
| Decrease in other non-current investments                                | 147        | 83          |
| <b>Total cash used in investments</b>                                    | <b>202</b> | <b>306</b>  |
| <b>Cash flow before financing</b>  | <b>400</b> | <b>421</b>  |
| <b>Financing</b>   |            |             |
| Increase in non-current liabilities                                      | 4          | 0           |
| Decrease in non-current liabilities                                      | -266       | -122        |
| Increase (-) or decrease (+) in interest-bearing non-current receivables | 257        | -220        |
| Increase (-) or decrease (+) in interest-bearing current receivables     | 16         | -124        |
| Dividends paid   | -20        | -20         |
| Group contribution   | 8          | 15          |
| <b>Total financing</b>   | <b>-1</b>  | <b>-471</b> |
| Change in liquid funds   | 399        | -50         |
| Liquid funds at 1 Jan.   | 0          | 50          |
| <b>Liquid funds at 31 Dec.</b>   | <b>399</b> | <b>0</b>    |
| a) Adjustments to operating result                                       |            |             |
| Depreciation   | 112        | 160         |
| Gains (+) or losses (-) on sale of fixed assets                          | -125       | 24          |
| Change in provisions   | 48         | -1          |
| Write-downs on non-current investments                                   |            |             |
| Total  | 35         | 183         |
| b) Change in net working capital   |            |             |
| Increase (-) or decrease (+) in stocks                                   | 65         | 5           |
| Increase (-) or decrease (+) in non-interest bearing receivables         | 102        | -36         |
| Increase (+) or decrease (-) in non-interest bearing current liabilities | -24        | 12          |
| Total  | 143        | -19         |



# Parent Company Accounting policies

M-real Corporation's financial statements have been prepared in accordance with Finnish accounting standards (FAS).

## Sales

Sales are calculated after deduction of indirect sales taxes, trade discounts and other items adjusting sales.

## Exchange rate differences

Foreign exchange gains and losses have been booked to net exchange gains/losses under financial income and expense. Open and actual foreign exchange differences hedging sales are recorded immediately to financial income and expenses in the income statement.

## Transactions in foreign currency

Transactions in foreign currency have been booked at the exchange rate on the day of the transaction.

At the balance sheet date, receivables and liabilities denominated in foreign currency have been translated into euros at the exchange rate quoted by the European Central Bank at the balance sheet date.

## Pensions and pension funding

Statutory pension security is handled by pension insurance companies outside the Group. In addition to statutory pension security, some salaried employees have supplementary pension arrangements which are either insured, arranged through the Metsäliitto Employees' Pension Foundation or are an unfunded liability of the company. The Metsäliitto Employees' Pension Foundation is fully funded based on the current value of its assets.

Pension insurance premiums have been periodized to correspond to the accrual-based wages and salaries given in the financial statements.

## Research and development expenditure

Research and development expenditure is recorded as an expense in the relevant financial period.

## Inventories

Inventories are measured at the lower of cost or net realizable value. In measuring inventories, the FIFO principle is observed or, alternatively, the weighted average price method.

## Property, plant and equipment and depreciation

The carrying values of property, plant and equipment are based on original acquisition costs less depreciation according to plan and impairment losses.

Straight-line depreciation according to plan is based on the estimated useful life of the asset as follows:

|                                     |             |
|-------------------------------------|-------------|
| Buildings and constructions         | 20–40 years |
| Heavy power plant machinery         | 20–40 years |
| Other heavy machinery               | 20 years    |
| Lightweight machinery and equipment | 5–15 years  |
| Other items                         | 5–10 years  |

Depreciation is not recorded on the purchase cost of land and water areas.

## Leasing

Lease payments are treated as rental expenses.

## Environmental expenditure

Environmental expenditure comprises the specifiable expenses of environmental protection measures aiming primarily at combating, remedying or alleviating environmental damage.

## Extraordinary income and expenses

Substantial income and expenses arising on transactions of an abnormal nature, such as the divestment of businesses, are presented in the income statement as extraordinary items. The tax effect of extraordinary items is presented in the notes to the financial statements.

## Appropriations

Finnish tax legislation offers the possibility to deduct expenses prematurely from the profit for the financial year and to transfer them to the balance sheet as provisions. The items are taken into account in tax filings only if they have been entered in the accounts. These items are presented in the appropriations in the income statement. Among such items are depreciation on property, plant and equipment in excess of plan, which is stated as a depreciation difference in the balance sheet and as a change in the depreciation difference in the income statement.

## Provisions

Future costs and losses to which the Group is committed and which are likely to be realized are included in the income statement under the appropriate expense heading and in the balance sheet under provisions for future costs whenever the precise amount and the time of occurrence are not known and in other cases they are included in accrued liabilities. These can be, for example, the pension liability or costs of discontinued operations and restructuring costs.

# Notes to the parent company financial statements

## 1. Sales

Owing to the Group structure, the sales of the parent company has not been broken down by segments and market.

| EUR million   | 2008        | 2007        |
|---|-------------|-------------|
| <b>2. Other operating income</b>                                |             |             |
| Rental income   | 2           | 2           |
| Gains on disposal of fixed assets                               | 153         | 193         |
| Service revenue   | 50          | 59          |
| Government grants   | 12          | 2           |
| Other allowances and subsidies                                  | 1           | 2           |
| Other   | 28          | 7           |
|   | <u>246</u>  | <u>265</u>  |
| <b>3. Employee costs</b>  |             |             |
| Wages and salaries for working hours                            | 96          | 105         |
| Pension expenses  | 26          | 29          |
| Other social security expenses                                  | 53          | 64          |
|   | <u>175</u>  | <u>198</u>  |
| Salaries and emoluments paid to management                      |             |             |
| Managing director and their alternates                          |             |             |
| Members of the Board and deputies                               | 1           | 1           |
|   | <u>1</u>    | <u>1</u>    |
| <b>4. Depreciation according to plan and impairment charges</b> |             |             |
| Depreciation according to plan                                  |             |             |
| Intangible rights   | 13          | 12          |
| Goodwill  |             | 1           |
| Other capitalized expenditure                                   | 1           | 1           |
| Buildings and constructions                                     | 14          | 26          |
| Machinery and equipment   | 82          | 123         |
| Other tangible assets   | 2           | 1           |
| Total depreciation according to plan                            | <u>112</u>  | <u>164</u>  |
| Impairment charges  |             |             |
| Machinery and equipment   |             | -4          |
| Depreciation difference   | -88         | -126        |
| Total depreciation  | <u>24</u>   | <u>34</u>   |
| <b>5. Financial income and expenses</b>                         |             |             |
| Dividend income   | 64          | 114         |
| Interest income from non-current investments                    | 32          | 33          |
| Other interest income   | 13          | 15          |
| Write-downs on non-current investments                          | -601        | -134        |
| Interest expenses   | -148        | -145        |
| Other financial expenses  | -7          | -22         |
|   | <u>-647</u> | <u>-139</u> |
| Net exchange differences  | 43          | 31          |
| Financial income and expenses, total                            | <u>-604</u> | <u>-108</u> |

| EUR million   | 2008       | 2007       |
|---|------------|------------|
| <b>6. Exchange differences in Income statement</b>  |            |            |
| Exchange differences on sales                       | -6         | -7         |
| Exchange differences on financing                   | 49         | 38         |
| <b>Exchange differences, total</b>                  | <u>43</u>  | <u>31</u>  |
| <b>7. Extraordinary income and expenses</b>         |            |            |
| Extraordinary income                                |            |            |
| Group contribution received                         | 8          | 16         |
| Total   | <u>8</u>   | <u>16</u>  |
| <b>8. Income taxes</b>                              |            |            |
| Income taxes for the financial period               | -5         | -1         |
| Income taxes for previous periods                   |            |            |
|   | <u>-5</u>  | <u>-1</u>  |
| Income taxes on ordinary operations                 | -3         | 3          |
| Income taxes on extraordinary items                 | -2         | -4         |
|   | <u>-5</u>  | <u>-1</u>  |
| <b>9. Intangible assets</b>                         |            |            |
| <b>Intangible rights</b>                            |            |            |
| Acquisition costs, 1 Jan                            | 107        | 109        |
| Increases   | 15         | 2          |
| Transfers between items                             | 7          |            |
| Decreases   | -18        | -4         |
| Acquisition costs, 31 Dec                           | <u>111</u> | <u>107</u> |
| Accumulated depreciation, 1 Jan                     | -86        | -75        |
| Accumulated depreciation on deduction and transfers | 14         |            |
| Depreciation for the period                         | -13        | -11        |
| Accumulated depreciation, 31 dec                    | <u>-85</u> | <u>-86</u> |
| Book value, 31 Dec                                  | <u>26</u>  | <u>21</u>  |
| <b>Goodwill</b>                                     |            |            |
| Acquisition costs, 1 Jan                            | 20         | 20         |
| Increases   |            |            |
| Acquisition costs, 31 Dec                           | 20         | 20         |
| Accumulated depreciation, 1 Jan                     | -20        | -19        |
| Depreciation for the period                         |            | -1         |
| Accumulated depreciation, 31 dec                    | <u>-20</u> | <u>-20</u> |
| Book value, 31 Dec                                  |            |            |

| EUR million   | 2008 | 2007 |
|---|------|------|
| <b>Other capitalized expenditure</b>                |      |      |
| Acquisition costs, 1 Jan                            | 40   | 41   |
| Increases   |      |      |
| Decreases   | -25  | -1   |
| Acquisition costs, 31 Dec                           | 15   | 40   |
| Accumulated depreciation, 1 Jan                     | -33  | -32  |
| Accumulated depreciation on deduction and transfers | 25   |      |
| Depreciation for the period                         | -1   | -1   |
| Accumulated depreciation, 31 dec                    | -9   | -33  |
| Book value, 31 Dec                                  | 6    | 7    |

#### 10. Tangible assets

| <b>Land and water areas</b>      |    |    |
|----------------------------------|----|----|
| Acquisition costs, 1 Jan         | 16 | 14 |
| Increases                        |    | 2  |
| Decreases                        | -4 |    |
| Accumulated depreciation, 31 Dec | 12 | 16 |
| Book value, 31 Dec               | 12 | 16 |

| <b>Buildings</b>                                    |      |      |
|---|------|------|
| Acquisition costs, 1 Jan                            | 394  | 393  |
| Increases   | 2    | 2    |
| Transfers between items                             | 1    |      |
| Decreases   | -136 | -1   |
| Acquisition costs, 31 Dec                           | 261  | 394  |
| Accumulated depreciation, 1 Jan                     | -167 | -142 |
| Accumulated depreciation on deduction and transfers | 63   | 1    |
| Depreciation for the period                         | -13  | -26  |
| Accumulated depreciation, 31 Dec                    | -117 | -167 |
| Book value, 31 Dec                                  | 144  | 227  |

| <b>Machinery and equipment</b>                      |        |        |
|---|--------|--------|
| Acquisition costs, 1 Jan                            | 1,804  | 1,755  |
| Increases   | 30     | 39     |
| Transfers between items                             | 17     | 15     |
| Decreases   | -661   | -5     |
| Acquisition costs, 31 Dec                           | 1,190  | 1,804  |
| Accumulated depreciation, 1 Jan                     | -1,117 | -1,002 |
| Accumulated depreciation on deduction and transfers | 426    | 4      |
| Depreciation for the period                         | -82    | -119   |
| Accumulated depreciation, 31 Dec                    | -773   | -1,117 |
| Book value, 31 Dec                                  | 417    | 687    |
| Production machinery and equipment, 31 Dec          | 370    | 663    |

| EUR million   | 2008 | 2007 |
|---|------|------|
| <b>Other tangible assets</b>                        |      |      |
| Acquisition costs, 1 Jan                            | 14   | 14   |
| Increases   |      |      |
| Decreases   | -5   |      |
| Acquisition costs, 31 Dec                           | 9    | 14   |
| Accumulated depreciation, 1 Jan                     | -8   | -7   |
| Accumulated depreciation on deduction and transfers | 5    |      |
| Depreciation for the period                         | -2   | -1   |
| Accumulated depreciation, 31 dec                    | -5   | -8   |
| Book value, 31 Dec                                  | 4    | 6    |

| <b>Construction in progress</b> |     |     |
|---------------------------------|-----|-----|
| Acquisition costs, 1 Jan        | 28  | 22  |
| Increases                       | 3   | 22  |
| Transfers between items         | -25 | -16 |
| Decreases                       | -3  |     |
| Acquisition costs, 31 Dec       | 3   | 28  |
| Book value, 31 Dec              | 3   | 28  |

The undepreciated portion of capitalized interest expenses under the balance sheet item "Buildings and constructions" at 31 Dec. 2008 was EUR 0,0 million (2007: EUR 0,0 million) and under the balance sheet item "Machinery and equipment" it was EUR 2,4 million (2007: EUR 2,8 million) There were no capitalized interest expenses during the 2008 financial year (2007 EUR 0,0 million).

| EUR million                           | 2008  | 2007  |
|---------------------------------------|-------|-------|
| <b>11. Investments</b>                |       |       |
| <b>Shares in Group companies</b>      |       |       |
| Acquisition costs, 1 Jan              | 1,054 | 1,440 |
| Increases                             | 125   | 38    |
| Decreases                             |       | -290  |
| Write-down                            | -589  | -134  |
| Acquisition costs, 31 Dec             | 590   | 1,054 |
| Revaluations, 1 Jan                   |       |       |
| Decreases                             |       |       |
| Book value, 31 Dec                    | 590   | 1,054 |
| <b>Shares in associated companies</b> |       |       |
| Acquisition costs, 1 Jan              | 309   | 362   |
| Write-down                            | -54   |       |
| Decreases                             |       | -53   |
| Acquisition costs, 31 Dec             | 255   | 309   |
| Book value, 31 Dec                    | 255   | 309   |
| <b>Other shares and holdings</b>      |       |       |
| Acquisition costs, 1 Jan              | 34    | 34    |
| Increases                             | 32    |       |
| Decreases                             | -6    |       |
| Acquisition costs, 31 Dec             | 60    | 34    |
| Book value, 31 Dec                    | 60    | 34    |

| EUR million                                  | 2008  | 2007  |
|--|-------|-------|
| <b>Receivables from group companies</b>      |       |       |
| Acquisition costs, 1 Jan                     | 264   | 338   |
| Decreases                                    | -145  | -74   |
| Acquisition costs, 31 Dec                    | 119   | 264   |
| Book value, 31 Dec                           | 119   | 264   |
| <b>Receivables from associated companies</b> |       |       |
| Acquisition costs, 1 Jan                     | 2     | 10    |
| Decreases                                    | -2    | -8    |
| Acquisition costs, 31 Dec                    |       | 2     |
| Book value, 31 Dec                           |       | 2     |
| <b>Other receivables</b>                     |       |       |
| Acquisition costs, 1 Jan                     |       |       |
| Increases                                    | 220   |       |
| Acquisition costs, 31 Dec                    | 220   |       |
| Book value, 31 Dec                           | 220   |       |
| <b>Investment, total</b>                     |       |       |
| Acquisition costs, 1 Jan                     | 1,663 | 2,184 |
| Increases                                    | 377   | 38    |
| Decreases                                    | -153  | -425  |
| Write-down                                   | -643  | -134  |
| Acquisition costs, 31 Dec                    | 1,244 | 1,663 |
| Book value, 31 Dec                           | 1,244 | 1,663 |

## 12. Loan receivables from management

There are no loan receivables from the managing directors, members of the Board of Directors and their deputies as well as persons belonging to similar bodies.

| EUR million                                   | 2008  | 2007  |
|---|-------|-------|
| <b>13. Current receivables</b>                |       |       |
| Receivables from Group companies              |       |       |
| Accounts receivables                          | 7     | 23    |
| Loan receivables                              | 409   | 366   |
| Other receivables                             | 122   | 430   |
| Prepayment and accrued income                 | 61    | 22    |
| Receivables from associated companies         |       |       |
| Accounts receivables                          | 2     |       |
| Loan receivables                              | 9     | 9     |
| Accrued income                                |       | 2     |
| Other receivables                             |       |       |
| Accounts receivables                          | 136   | 251   |
| Loan receivables                              |       |       |
| Other receivables                             | 22    | 25    |
| Prepayment and accrued income                 | 43    | 80    |
|   | 811   | 1,208 |
| <b>14. Prepayment and accrued income</b>      |       |       |
| Taxes   | 37    | 43    |
| Discounts                                     |       | 1     |
| Others  | 6     | 36    |
|   | 43    | 80    |
| <b>15. Interest-bearing receivables</b>       |       |       |
| Loan receivables and other non-current assets | 339   | 264   |
| Liquid funds and other current assets         | 917   | 776   |
|   | 1,256 | 1,040 |
| <b>16. Shareholders' equity</b>               |       |       |
| Share capital, 1 Jan                          |       |       |
| Series A shares                               | 62    | 62    |
| Series B shares                               | 496   | 496   |
| Share capital, 31 Dec                         | 558   | 558   |
| Share premium account, 1 Jan/31 Dec           | 664   | 664   |
| Revaluation reserve, 1 Jan/31 Dec             | 82    | 82    |
| Restricted equity, total                      | 1,304 | 1,304 |
| Retained earnings, 1 Jan                      | 250   | 320   |
| Dividends paid                                | -20   | -20   |
| Loss for the period                           | -535  | -49   |
| Retained earnings, 31 Dec                     | -305  | 250   |
| Unrestricted equity, total                    | -305  | 250   |
| SHAREHOLDERS' EQUITY, TOTAL                   | 999   | 1,554 |

| EUR million                               | 1.1. | Increase | Decrease | 31.12. |
|---|------|----------|----------|--------|
| <b>17. Provisions</b>                     |      |          |          |        |
| Provisions for pension                    | 4    |          | -1       | 3      |
| Provisions for unemployment pension costs | 12   | 2        | -4       | 10     |
| Restucturing                              |      | 51       |          | 51     |
| Provision for rental costs                | 2    |          |          | 2      |
| Other provisions                          | 3    | 2        | -2       | 3      |
|   | 21   | 55       | -7       | 69     |

| EUR million            | 2008  | 2007  |
|------------------------|-------|-------|
| <b>18. Liabilities</b> |       |       |
| Non-current            |       |       |
| Non-interest-bearing   |       | 5     |
| Interest-bearing       | 1,327 | 1,630 |
|                        | 1,332 | 1,638 |
| Current                |       |       |
| Non-interest-bearing   |       | 226   |
| Interest-bearing       | 312   | 262   |
|                        | 538   | 506   |

| Bonds     | Interest-% | EUR million |       |
|-----------|------------|-------------|-------|
| 2000-2008 | 5.64       |             | 18    |
| 2002-2009 | 8.89       | 100         | 96    |
| 2002-2012 | 9.20       | 102         | 101   |
| 2002-2014 | 9.40       | 115         | 113   |
| 2003-2008 | 6.96       |             | 99    |
| 2003-2008 | 6.58       |             | 20    |
| 2004-2008 | 6.96       |             | 50    |
| 2004-2009 | 5.37       | 30          | 30    |
| 2004-2009 | 5.91       | 40          | 40    |
| 2004-2011 | 5.54       | 30          | 30    |
| 2004-2011 | 6.30       | 10          | 10    |
| 2004-2011 | 6.52       | 12          | 12    |
| 2005-2008 | 7.37       |             | 3     |
| 2005-2008 | 5.60       |             | 17    |
| 2006-2009 | 7.69       | 70          | 70    |
| 2006-2010 | 7.70       | 400         | 400   |
| 2006-2013 | 8.75       | 496         | 495   |
| Total     |            | 1,405       | 1,604 |

| EUR million   | 2008  |
|---|-------|
| <b>19. Non-current debts with amortization plan</b> |       |
| Bonds   |       |
| 2009  | 240   |
| 2010  | 400   |
| 2011  | 52    |
| 2012  | 102   |
| 2013  | 500   |
| 2014  | 111   |
| Total, at the end of the financial period           | 1,405 |
| Loans from financial institutions                   |       |
| 2009  | 37    |
| 2010  | 33    |
| 2011  | 33    |
| 2012  | 33    |
| 2013  | 29    |
| 2014  |       |
| Total, at the end of the financial period           | 165   |
| Pension loans                                       |       |
| 2009  | 20    |
| 2010  | 33    |
| 2011  | 1     |
| 2012  |       |
| 2013  |       |
| 2014  |       |
| Total, at the end of the financial period           | 54    |
| Total   |       |
| 2009  | 297   |
| 2010  | 466   |
| 2011  | 86    |
| 2012  | 135   |
| 2013  | 529   |
| 2014  | 111   |
| Total, at the end of the financial period           | 1,624 |

| EUR million                             | 2008  | 2007  |
|---|-------|-------|
| <b>20. Non-current liabilities</b>      |       |       |
| Other liabilities                       |       |       |
| Bonds                                   | 1,165 | 1,396 |
| Loans from financial institutions       | 129   | 185   |
| Pension loans                           | 33    | 49    |
| Other liabilities                       | 5     | 8     |
|   | 1,332 | 1,638 |
| <b>21. Current liabilities</b>          |       |       |
| Liabilities from Group companies        | 106   | 44    |
| Liabilities from associated companies   | 1     | 2     |
| Other liabilities                       |       |       |
| Bonds                                   | 240   | 208   |
| Loans from financial institutions       | 37    | 36    |
| Pension loans                           | 20    | 18    |
| Advance payment                         | 2     | 2     |
| Accounts payable                        | 51    | 81    |
| Other liabilities                       | 13    | 20    |
| Accruals and deferred income            | 68    | 95    |
|   | 538   | 506   |
| <b>22. Accruals and deferred income</b> |       |       |
| Current                                 |       |       |
| Insurance                               | 4     | 6     |
| Personnel expenses                      | 14    | 27    |
| Income tax                              |       |       |
| Interests                               | 16    | 18    |
| Accruals of purchases                   | 8     | 19    |
| Freight costs                           | 1     | 2     |
| Discounts                               | 18    | 25    |
| Others                                  | 7     | -2    |
|   | 68    | 95    |

| EUR million  | 2008  | 2007  |
|--|-------|-------|
| <b>23. Contingent liabilities</b>                    |       |       |
| For own liabilities                                  |       |       |
| Liabilities secured by pledges                       |       |       |
| Loans from financial institutions                    |       |       |
| Other liabilities                                    |       |       |
| Pledges granted                                      |       |       |
| Liabilities secured by mortgages                     |       |       |
| Loans from financial institutions                    | 27    | 27    |
| Other liabilities                                    |       |       |
| Real estate mortgages                                | 27    | 27    |
| Liabilities secured by mortgages on movable property |       |       |
| Loans from financial institutions                    |       |       |
| Other liabilities                                    |       |       |
| Mortgages on movable property                        |       |       |
| On behalf of Group companies                         |       |       |
| Pledges  |       |       |
| Real estate mortgages                                | 4     | 4     |
| Guarantees   | 1,557 | 1,704 |
| On behalf of others                                  |       |       |
| Pledges  |       |       |
| Guarantees   | 1     | 1     |
| Other liabilities                                    |       |       |
| As security for own commitments                      |       |       |
| As security for other commitments                    |       |       |
| Leasing commitments                                  |       |       |
| Payments due in the following year                   | 1     | 11    |
| Payments due in subsequent years                     | 3     | 45    |
| Total  |       |       |
| Real estate mortgages                                | 31    | 31    |
| Mortgages on movable property                        |       |       |
| Pledges  |       |       |
| Guarantees   | 1,558 | 1,705 |
| Leasing liabilities                                  | 4     | 56    |
|  | 1,593 | 1,792 |

| EUR million                    | 2008 | 2007 |
|--------------------------------|------|------|
| <b>24. Environmental items</b> |      |      |
| Income statement               |      |      |
| Materials and consumables      | 8    | 6    |
| Employees costs                |      |      |
| Wages and salaries             | 1    | 1    |
| Social security costs          |      |      |
| Depreciation                   | 5    | 5    |
| Other operating charges        |      | 4    |
|                                | 14   | 16   |
| Balance sheet                  |      |      |
| Intangible and tangible assets |      |      |
| Acquisition costs, 1 Jan.      | 77   | 73   |
| Increases                      | 6    | 4    |
| Decreases                      | -13  |      |
| Depreciation                   | -26  | -30  |
| Book value, 31 Dec.            | 44   | 47   |
| Provisions                     |      |      |
| Other provisions               | 3    | 3    |

# The Board's proposal for the distribution of profits

The distributable funds of the parent company are EUR -303,901,093.04 of which the result for the period is EUR -535,312,028.39. The Board of Directors proposes to the Annual General Meeting that no dividend to be paid and the result for the period to be transferred to the Retained earnings account.

No material changes have been taken place in respect of the company's financial position after the balance sheet date. The liquidity of the company is good.

Espoo, 5 February 2009

Kari Jordan

Martti Asunta

Heikki Asunmaa

Erkki Karmila

Runar Lillandt

Juha Niemelä

Antti Tanskanen

Mikko Helander

CEO



# Auditor's report

## **To the Annual General Meeting of M-real Corporation**

We have audited the accounting records, the financial statements, the report of the Board of Directors and the administration of M-real Corporation for the year ended on 31 December, 2008. The financial statements comprise the consolidated balance sheet, income statement, cash flow statement, statement of changes in equity and notes to the consolidated financial statements, as well as the parent company's balance sheet, income statement, cash flow statement and notes to the financial statements.

## **Responsibility of the Board of Directors and the CEO**

The Board of Directors and the CEO are responsible for the preparation of the financial statements and the report of the Board of Directors and for the fair presentation of the consolidated financial statements in accordance with International Financial Reporting Standards (IFRS) as adopted by the EU, as well as for the fair presentation of the parent company's financial statements and the report of the Board of Directors in accordance with laws and regulations governing the preparation of the financial statements and the report of the Board of Directors in Finland. The Board of Directors is responsible for the appropriate arrangement of the control of the company's accounts and finances, and the CEO shall see to it that the accounts of the company are in compliance with the law and that its financial affairs have been arranged in a reliable manner.

## **Auditor's Responsibility**

Our responsibility is to perform an audit in accordance with good auditing practice in Finland, and to express an opinion on the parent company's financial statements, on the consolidated financial statements and on the report of the Board of Directors based on our audit. Good auditing practice requires that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance whether the financial statements and the report of the Board of Directors are free from material misstatement and whether the members of the Board of Directors of the parent company and the CEO have complied with the Limited Liability Companies Act.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements and the report of the Board of Directors. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making

those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by management, as well as evaluating the overall presentation of the financial statements and the report of the Board of Directors.

The audit was performed in accordance with good auditing practice in Finland. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

## **Opinion on the Consolidated Financial Statements**

In our opinion, the consolidated financial statements give a true and fair view of the financial position, financial performance, and cash flows of the group in accordance with International Financial Reporting Standards (IFRS) as adopted by the EU.

## **Opinion on the Company's Financial Statements and the Report of the Board of Directors**

In our opinion, the financial statements and the report of the Board of Directors give a true and fair view of both the consolidated and the parent company's financial performance and financial position in accordance with the laws and regulations governing the preparation of the financial statements and the report of the Board of Directors in Finland. The information in the report of the Board of Directors is consistent with the information in the financial statements.

We recommend that the financial statements should be adopted. The proposal by the Board of Directors regarding the consideration of the annual result and the payment of dividend is in compliance with the Limited Liability Companies Act. We recommend that the members of the Board of Directors and the CEO should be discharged from liability for the financial period audited by us.

Espoo, 24 February 2009

PricewaterhouseCoopers Oy  
Authorised Public Accountants

Johan Kronberg  
Authorised Public Accountant

# Corporate Governance

## General

M-real Corporation (M-real or company) is a Finnish public limited company, the A and B series shares of which are subject to public trading on the Mid Cap list of NASDAQ OMX Helsinki Ltd. M-real's operations are governed by Finnish laws and the regulations and rules set out pursuant to such laws. M-real also follows NASDAQ OMX Helsinki Ltd's rules and recommendations as applicable to listed companies, and the Finnish Corporate Governance Code ([www.cgfinland.fi](http://www.cgfinland.fi)).

M-real prepares its financial statements and interim reports according to the International Financial Reporting Standards (IFRS). The financial statement documents are published in Finnish and English.

M-real's headquarter is located in Espoo, Finland. The company's domicile is Helsinki.

## Governance and steering system

The company's statutory bodies include the General Meeting of Shareholders, the Board of Directors, the CEO and the Deputy to the CEO. A Corporate Management Team assists the CEO in the operative management of the company. The tasks and responsibilities of the different bodies are specified according to the Finnish Companies Act.

In M-real's existing organisation, a business area has been specified so that each business area is responsible for both their own sales and production, and thus have a clear profit responsibility. M-real's business areas include Consumer Packaging, Office Papers and Other Papers. The financial reporting structure also includes the Market Pulp and Energy segment.

## General Meeting

The General Meeting of Shareholders is the company's highest decision-making body where shareholders use their decision-making power. Every shareholder is entitled to participate in the General Meeting by following the procedure described in the notice to the General Meeting. According to the Finnish Companies Act, the General Meeting decides on the following, among others:

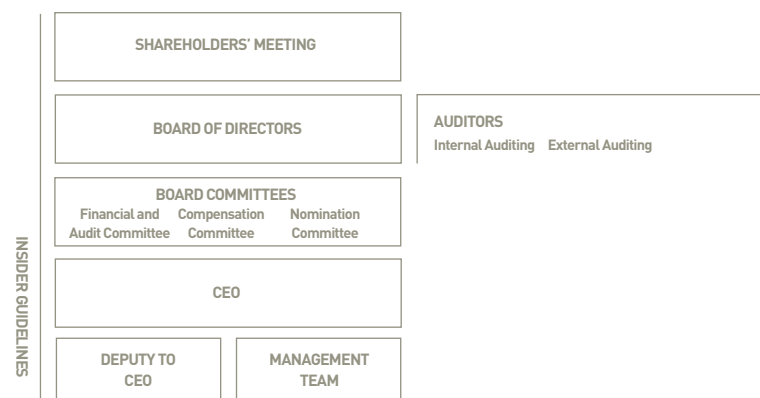
- amending the Articles of Association
- approving the financial statements
- profit distribution
- mergers and demergers
- acquisition and transfer of own shares
- appointing the members of the Board and specifying their compensation and the compensation of Board committee members
- appointing the auditor and specifying its compensation.

Shareholders are entitled to bring a matter belonging to the General Meeting to be addressed by the General Meeting when the shareholder delivers a written demand to this effect so well in advance that the matter can be included in the notice to the meeting. The shareholder has a right to present questions on the matters on the agenda of the General Meeting.

A shareholder is entitled to participate in the General Meeting when he/she is included in the register of shareholders ten (10) days before the General Meeting.

An Annual General Meeting takes place each year in June at the latest. An Extraordinary General Meeting will convene if the Board finds it necessary, or if the auditor or shareholders representing at least 10 per cent of all shares deliver a written demand to this effect in order to process a specified matter.

Corporate Governance in M-real



## Board of Directors

According to the Articles of Association, a minimum of five and a maximum of ten members shall be appointed to the Board of Directors by the Annual General Meeting for a one-year period at a time. Currently, the Board has eight members. The Board appoints a Chairman and a Vice Chairman among its members. The members of the Board and their personal information have been presented on pages 108–109.

The Board is responsible for the company's administration and arranging the company's operations properly according to applicable laws, the Articles of Association and corporate governance. Taking into account the scope and quality of the company's operations, the Board takes care of matters which are far-reaching and unusual, and do not belong to the company's daily business operations. The Board supervises M-real's operations and management and decides on the corporate strategy, major investments, the company's organisation structure and significant financing matters. The Board supervises the proper arrangement of the company's operations. Furthermore, it shall ensure that accounting and asset management control, financial reporting and risk management have been arranged in a proper manner.

For its operations, the Board of M-real has a written working order. In line with such the Board, among others:

- appoints the CEO and accepts the appointment of Corporate Management Team members and ensures that the CEO takes care of the company's day-to-day administration according to the regulations and guidelines given by the Board
  - appoints members to the Audit, Nomination and Compensation Committees and accepts their working orders
  - processes and accepts the corporate strategy and its main policies
  - accepts the annual game plan
  - monitors how company accounting, asset management and risk control are arranged
  - decides on significant investments, business acquisitions, divestments and closures of operations
  - decides on considerable investments and financing arrangements
- decides on the surrender and pledging of the company's significant real property
  - decides on the granting of donations, or on the CEO's authority concerning them
  - grants and cancels the right to represent the company, and the authority to sign on behalf of the company
  - monitors that the company's Articles of Association are complied with; convenes the General Meeting and monitors that the decisions made by the General Meeting are implemented
  - signs and presents the annual financial statements to the Annual General Meeting for approval, and prepares a proposal for the use of profits
  - accepts the essential policies, regulations and guidelines governing the business operations
  - decides on who are permanent insiders in the company, and accepts the company's insider rules
  - announces all such information which is likely to have an impact on the company's share value, or which otherwise has to be made public according to the Finnish Securities Markets Act.

The working order of the Board of Directors is presented in full at the M-real website ([www.m-real.com/InvestorRelations/CorporateGovernance](http://www.m-real.com/InvestorRelations/CorporateGovernance)).

On an annual basis, the Board of Directors assesses its own operations and the company's administration principles and decides on necessary changes (if any). To assess the independence and impartiality of the members of the Board of Directors, the members shall notify the company of anything that may have an impact on the member's ability to act without conflicts of interest.

The Board of Directors convenes on a regular basis. In the financial year 2008, the Board of Directors held a total of 20 meetings, six of which were phone meetings. The attendance rate of the members was on average 97 per cent.

## Board committees

Board committees provide assistance to the Board of Directors, preparing matters belonging to it; the committees are appointed by the Board of Directors among its members, and include the following: Audit Committee, Nomination Committee and Compensation Committee. Every year after the Annual General Meeting, the Board of Directors appoints each committee's chairman and mem-

bers. The Board of Directors and its committees can also obtain assistance from external advisors.

On the basis of proposals by the committees, the final decisions concerning matters related to the tasks of the committees are made by the company's Board of Directors, excluding proposals made directly by the Nomination Committee to the General Meeting.

### **Audit Committee**

The Audit Committee is responsible for assisting the Board of Directors in ensuring that the company's financial reporting, calculation methods, annual financial statements and other financial information made public by the company are correct, balanced, transparent and clear. On a regular basis, the Audit Committee reviews the internal control and management systems and monitors the progress of financial risk reporting and the auditing of the accounts. The Audit Committee assesses the efficiency and scope of internal auditing, the company's risk management, key risk areas and how applicable laws and regulations are complied with. The committee gives a recommendation concerning the appointment of auditors to the company. The Audit Committee also processes the annual plan for internal auditing, and the reports prepared on significant audits.

The Audit Committee consists of three Board members who are independent of the company and its significant shareholders. Since the Annual General Meeting of 2008, Erkki Karmila has been chairman of the Audit Committee, with Kai Korhonen and Antti Tanskanen as members. The committee members must have adequate expertise in accounting and financial statement policies. The Audit Committee convenes on a regular basis at least four times a year. In connection with the meetings, the committee gives a hearing to the company's auditor. The committee chairman provides the Board with a report on every meeting of the Audit Committee. The tasks and responsibility

areas have been specified in the committee's working order which the Board has approved. The working order of the Audit Committee is presented in full at the M-real website ([www.m-real.com/Investor Relations/Corporate Governance](http://www.m-real.com/Investor%20Relations/Corporate%20Governance)).

When necessary, also the following have been represented in the Audit Committee meetings: the auditor, Chief Executive Officer and Chief Financial Officer as well as other management representatives and external advisors. In 2008, the Audit Committee convened five times, and the committee members participated in every meeting.

### **Nomination Committee**

The task of the Nomination Committee is to provide the General Meeting with a proposal of the Board composition and the compensation of Board members. In addition to this, the committee prepares a proposal for the Board committee composition. The committee consists of three Board members and it convenes at least once a year. The committee chairman presents the committee's proposals to the Board. The tasks and responsibilities of the Nomination Committee have been specified in the committee's working order which the Board has accepted. The working order of the committee is presented in full at the M-real website ([www.m-real.com/Investor Relations/Corporate Governance](http://www.m-real.com/Investor%20Relations/Corporate%20Governance)).

Since the Annual General Meeting of 2008, Martti Asunta has been chairman of the Nomination Committee, with Runar Lillandt and Antti Tanskanen as members.

In 2008, the Nomination Committee convened once, and the committee members participated in the meeting.

## Compensation Committee

The Compensation Committee recommends, prepares and proposes to the Board the CEO's nomination, salary and compensations, and further evaluates and provides the Board and the CEO with recommendations concerning management rewards and compensation systems. The committee consists of three Board members. It convenes on a regular basis at least once a year. The committee chairman provides the Board with a report concerning each meeting of the Compensation Committee.

The tasks and responsibility areas of the Compensation Committee have been specified in the committee's working order, which the Board approves. The working order of the Compensation Committee is presented in full at the M-real website ([www.m-real.com/Investor Relations/Corporate Governance](http://www.m-real.com/Investor Relations/Corporate Governance)).

Since the Annual General Meeting of 2008, Kari Jordan has been chairman of the Compensation Committee, with Martti Asunta and Erkki Karmila as members. In 2008, the Compensation Committee convened three times, and the committee members participated in every meeting.

## CEO

CEO Mikko Helander is responsible for the management of the company's administration according to the guidelines and instructions given by the Board. In addition, the CEO is responsible for ensuring that the company's accounting has been carried out according to applicable laws and that asset management has been arranged in a reliable manner. The CEO manages the company's daily business and is responsible for controlling and steering the business areas.

The CEO has a written CEO contract approved by the Board. The Board monitors the CEO's performance and provides an evaluation of it once a year.

The contractual retirement age of the CEO is 62 years. The company has commissioned an additional pension insurance policy for the CEO, covering the period between the contractual retirement and the age of 63 years. According to the Finnish pension legislation, a person has the option to retire between the ages of 63–68.

The Board appoints and discharges the CEO. The Board

can discharge the CEO without a specific reason. The CEO can resign from his assignment. The mutual term of notice is six months. The Board may, however, decide to discharge the CEO without a period of notice.

When the service contract of the CEO is terminated by the Board, and in change-of-control situations, the CEO is entitled to receive a discharge compensation corresponding to his 18 month salary.

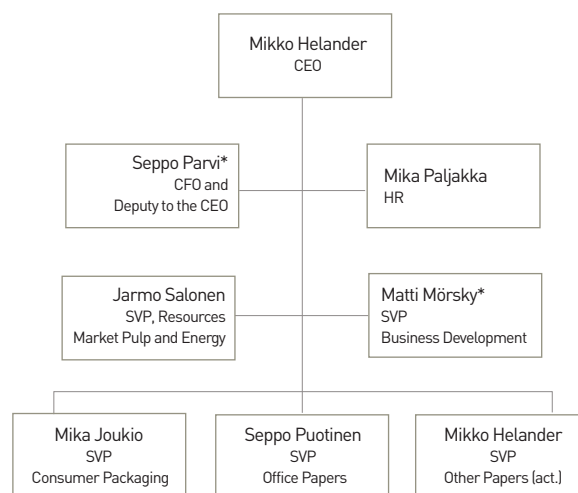
## Deputy to the CEO

Seppo Parvi, Deputy to the CEO, is responsible for carrying out the CEO's tasks when the CEO is unable to perform his duties.

## Corporate Management Team

In the operative management of M-real, the CEO is assisted by the Corporate Management Team, which consists of Mikko Helander, CEO, Mika Joukio, SVP, Consumer Packaging; and Seppo Puotinen, SVP, Office Papers, who both report to Helander. In addition to his responsibilities as CEO, Helander is also responsible for the management of the Other Papers business area. The Corporate Management Team also includes Seppo Parvi, CFO; Matti Mörsky, SVP, Business Development; Mika Paljakka, SVP,

Management team as of January 1, 2008



\* Matti Mörsky to be appointed the new CFO. Seppo Parvi will join another company at the latest in July 2009.

HR; and Jarmo Salonen, SVP, Resources. Mikko Helander is Chairman of the Corporate Management Team. The personal information of the Corporate Management Team members are presented on pages 108–109. The members of the Corporate Management Team do not have any special pension arrangements which would deviate from the pension legislation.

The Corporate Management Team's tasks and responsibilities include investment planning, specifying and preparing the company's strategic guidelines, allocating resources, controlling routine functions and preparing matters to be reviewed by the Board.

The Management Team convenes at the Chairman's invitation once a month, as a rule, and also always when necessary.

## Compensation

### Board compensation and other benefits

According to a decision made by the Annual General Meeting in 2008, the Board Chairman was paid a compensation totalling EUR 76,500 a year, Vice Chairman of the Board received EUR 64,500 a year, and Board members EUR 50,400 a year. Moreover, a meeting compensation of EUR 500 per meeting was paid for Board and Board committee meetings. In 2008, the total compensation received by Board members was EUR 516,475. Board members have not received any shares as compensation, and the Board members do not belong to any share-based compensation systems.

### Compensation system for the operative management, compensation policies

The purpose of the management compensation system is to compensate the management in a fair and competitive way for implementing the corporate strategy in a successful and profitable manner. The objective of the system is also to encourage the management in the development of the company strategy and business, and thus make efforts that benefit the company as a whole.

The Board confirms the salary and compensation of the CEO and the policies and principles applied in the compensation of other Corporate Management Team members as well as the forms and basis for incentive systems. The Compensation Committee assists the Board in taking care of matters related to the conditions of employment and salary of senior management and prepares all management compensation-related decisions. The CEO decides on practical matters related to the compensation of other senior management members according to the principles accepted by the Board.

The monthly salary of CEO Mikko Helander is EUR 37,005. The salary includes car and phone benefits. In addition, the CEO may receive bonus pay based on overall performance, corresponding to his six-month salary. In 2008, the CEO received a total of EUR 548,426 in salary, bonuses and other benefits.

Other Corporate Management Team members also have written employment or service contracts. The CEO makes a proposal to the Board on the appointment of Corporate Management team members. The Board then approves or rejects such a proposal. In 2008, the rest of the Corporate Management Team received a total of EUR 1,750,008.96 in salary and bonuses.

M-real also uses a share-based reward system for its senior management in 2008–2010. The possible annual reward produced by the system is based on M-real Corporation's cash flow development. A possible reward is paid partially as M-real B shares and partially in cash. The maximum amount of the share reward for 2008 totalled 180,000 B shares. The shares, if any, include a condition restricting their transfer for two years after the end of the earning period. The system covers eight senior management members. The company's share-based reward system for 2005–2007 did not entitle to any rewards.

The shareholdings of the Board and the Management Team is specified on pages 106–109.

On 31 December 2008, the Board members, the CEO or the Deputy CEO had no monetary loans from the com-

pany or its subsidiaries, and no collateral arrangements existed between them.

### **Auditing**

According to M-real's Articles of Association, the company has one auditor who shall be an auditing firm authorised by the Central Chamber of Commerce of Finland. The General Meeting appoints the auditor each year. According to the decision made by the Annual General Meeting in spring 2008, the company's auditor is PricewaterhouseCoopers Oy which appointed Göran Lindell, APA (until October 2008) and Johan Kronberg, APA, as the auditor with main responsibility. The Audit Committee controls the appointment procedure of the auditors and provides the Board with a recommendation for the appointment of the auditor.

In 2008, PricewaterhouseCoopers Oy received EUR 1,691,000.00 in auditing compensation, and other auditing firms outside Finland were paid EUR 268,000.00. In addition, PricewaterhouseCoopers has received EUR 2,294,000.00 for services unrelated to the actual auditing of the accounts.

### **Insider guidelines**

The company follows the insider guidelines prepared by NASDAQ OMX Helsinki Ltd, the Central Chamber of Commerce of Finland and the Confederation of Finnish Industries EK. In addition, the company's Board has accepted the company's own insider guidelines, which have been published in full on the company website ([www.m-real.com/Investor Relations/Corporate Governance](http://www.m-real.com/Investor Relations/Corporate Governance)). The guidelines are also distributed regularly to the entire organisation. On a regular basis, the company provides its insiders with training on insider matters. The company requires that all of its employees follow the insider regulations.

The Board secretary is responsible for the maintenance and administration of the company's statutory and permanent insider register. However, each insider is personally responsible for notifying their personal and ownership information. The company recommends only long-term investments and the use of acquisition programmes. The list of the company's permanent insiders is publicly available, and Euroclear Finland

Ltd is responsible for its maintenance. The list can be viewed at the company website ([www.m-real.com/Investor relations/Corporate Governance](http://www.m-real.com/Investor relations/Corporate Governance)).

Statutory insiders include Board members, the CEO, the Deputy CEO and the auditors. Other permanent insiders include members of the Corporate Management Team, and such persons who have been appointed to legal, financial, research, development, communication and investor relation tasks, and thus receive inside information on a regular basis.

When necessary, to make the administration of insider information easier, project-specific insider register are established registering persons who participate in the preparation of significant projects, such as mergers or corporate acquisitions. The Board chairman decides on the establishment and discontinuance of project-specific insider registries.

On an annual basis, the company decides on closed window periods when insiders are not allowed to trade any securities issued by the company, or warrants targeting the company's securities, or other similar securities. In 2009, the closed window period concerning the financial statements release for 2008 is 1 January 2009 to 5 February 2009, and the closed window periods concerning the interim reports for 2009 are 1 April 2009 to 22 April 2009, 1 July 2009 to 23 July 2009, and 1 October 2009 to 22 October 2009.

# Board of directors of M-real Corporation



## **Kari Jordan**

b. 1956

Chairman of the Board (2005–)  
Master of Science in Economics

CEO of Metsäliitto Cooperative (2004–)  
President and CEO of the Metsäliitto Group (2006–)  
Vice Chairman of the Board of Metsäliitto Cooperative (2005–)  
Chairman of the Board of Metsä Tissue Corporation (2004–)  
Member of the Board of Oy Metsä-Botnia Ab (2004–) and Chairman of the Board (2006–)  
Vice Chairman of the Supervisory Board of Vapo Oy (2005–2007) and Vice Chairman of the Board (2007–)

Member of the Board of Confederation of Finnish Industries EK (2005–) and Vice Chairman of the Board (2009–)  
Vice Chairman of Finnair Corporation (2003–)  
Member of the Board of Julius Tallberg Real Estate Company (1998–2008)  
Member of the Supervisory Board of Varma Mutual Pension Insurance Company (2006–)  
Vice Chairman of the Board of Finnish Forest Industries Federation and member of Federation's Working Group (2005–) and Chairman of the Board (2009–)

Holds several positions of trust in charity and national defense organizations

Shares owned in M-real Corporation: 179,369 B shares



## **Martti Asunta**

b. 1955

Member of the Board and Vice Chairman of the Board (2008–)  
Forester

Chairman of the Board of Metsäliitto Cooperative (2008–)  
Member of the Board of Vapo Oy (2008–)  
Member of the Board of Oy Metsä-Botnia Ab (2008–)  
Member of the Board of Metsä Tissue Corporation (2008–)  
Member of the Board of Pellervo-Seura (2008–)

Shares owned in M-real Corporation: no ownership



## **Heikki Asunmaa**

b. 1943

Member of the Board (2005–)  
Agricultural school graduate  
Counsellor of Agriculture  
Farmer

Member of the Board of Metsäliitto Cooperative (2000–2008)  
Member of the Supervisory Board of Vapo Oy (2005–2008)  
Member of the Pellervo Delegation (2000–2008)  
Chairman of the Supervisory Board of Osuuspankki Alavus (1993–2008)

Shares owned in M-real Corporation: 4,000 B shares



## **Erkki Karmila**

b. 1942

Member of the Board (1992–)  
Independent Board member  
Master of Laws 1968, Harvard University

Executive Vice President of the Nordic Investment Bank (1993–2006)  
Deputy Managing Director, Finnish Export Credit (1981–1982) and Managing Director (1982–1983)  
Executive Vice President of Kansallis-Osake-Pankki (1983–1991)  
Director of the Invest in Finland Bureau (1992)

Shares owned in M-real Corporation: no ownership



**Kai Korhonen**

b. 1951  
 Member of the Board (2008–)  
 Independent Board Member  
 Master of Science in Technology

Senior Executive Vice President,  
 Stora Enso (1998–2007)  
 Member of the Supervisory Board  
 of Ilmarinen Mutual Pension  
 Insurance Company (2006–2008)

Shares owned in M-real Corpora-  
 tion: no ownership

**Runar Lillandt**

b. 1944  
 Member of the Board (1999–)  
 Agricultural school graduate  
 Counsellor of Agriculture  
 Farmer

Chairman of the Supervisory  
 Board of Metsäliitto Cooperative  
 (1998–)

Member of the Board of Atria  
 Corporation (2002–)

Member of the Board of the Cent-  
 ral Union of Swedish-speaking  
 agricultural producers in Finland  
 (SLC) (1988–)

Chairman of the Board of Forestry  
 Center Rannikko (1996–)

Chairman of the Board of Pohjan-  
 maan Liha (2002)

Chairman of the Board of Mellanå  
 Plant Oy (1995–)

Shares owned in M-real Corpora-  
 tion: 7,545 B shares

**Juha Niemelä**

b. 1946  
 Member of the Board (2007–)  
 Independent Board member  
 Master of Science in Economics  
 Doctor of Sciences in Economics  
 and Technology h.c.  
 Honorary Councillor

Chairman, Confederation of  
 European Paper Industries (CEPI)  
 (2000–2002)

CEO, UPM Kymmene (1994–2004)  
 Chairman of the Board of Veikka-  
 us Oy (2002–)

Member of the Board of Powerflu-  
 te Oyj (2005–)

Member of the Board of Green  
 Resources AS (2008–)

Shares owned in M-real Corpora-  
 tion: no ownership

**Antti Tanskanen**

b. 1946  
 Member of the Board (1992–)  
 Independent Board member  
 Ph.D. in Economics  
 Minister

Chairman and CEO, OP Bank  
 Group (1997–2006)

Chairman of the Executive Boards  
 of OP Bank (1997–2006)

Member of the Board of Neste Oil  
 Corporation (2007–)

Shares owned in M-real Corpora-  
 tion: no ownership

# Management team of M-real Corporation



## Mikko Helander

b. 1960

MSc (Eng), Chief Executive Officer. As of January 2009, in addition to his other duties, Helander acts as head of Other Papers business area. Joined the Metsäliitto Group 2003 and M-real 2006. Chairman of the management team 2006–.

Main positions: Project Engineer and Production Manager, Valmet (1984–1990); Managing Director, Kasten Hövik (1990–1993); Head of Projects, Coaters and Calanders, Valmet (1993); head the operations, Valmet Rotomec S.p.a., Italy (1994–1997); Vice President and Chief Executive, Calander business area, Valmet Corporation (1997–1999); President, Valmet Converting Group, UK (1999–2003); Chief Executive Officer, Metsä Tissue Corporation (2003–2006); Chief Executive Officer and chairman of the management team, M-real (2006–).

Shares: no ownership



## Seppo Parvi

b. 1964

MSc (Econ), Chief Financial Officer, Deputy to CEO. Parvi is responsible for finance, business control, communications and investor relations, business intelligence, investment coordination, administration and IT. Joined the company 2006. Management team member 2006–.

Main positions: Cash Manager, Ahlcorp Oy (1989–1991); Manager of the Finance department, A. Ahlström Corporation (1991–1993); various positions in Huhtamäki Oyj (1993–2006); Manager, Corporate Finance; General Manager, Huhtamäki Finance Companies; responsible for the controller function, Polarcup & Leaf, Eastern Europe; responsible for the integration of Guven Plastik in Turkey to Huhtamäki; Global Sourcing of Huhtamäki; Huhtamäki's business activities in Turkey; Vice President, Paper forming, Rigid packaging operations, Europe and General Manager, Operations business unit in Hämeenlinna; Executive Vice President and CFO, M-real (2006–).

Shares: 2,600 (B shares)



## Mika Joukio

b. 1964

MSc (Tech), MBA, Senior Vice President, Consumer Packaging. Joined the company 1990. Management team member 2006–.

Main positions: various positions in management and development tasks in Metsä-Serla (at present M-real) since 1990: Assistant Production Manager (1990–1996), Production Manager (1996–2001), Tako Board Mill; Vice President and Mill Manager, Äänekoski Board Mill (2001–2004); Senior Vice President, Corporate Logistics and Supply Chain (2004–2005); Vice President and Mill Manager, M-real Kyro (2005–2006); Vice President and Mill Manager, M-real Kyro and M-real Tako Board (2006); Senior Vice President, Consumer Packaging (2006–).

Shares: no ownership



## Matti Mörsky

b. 1952

MSc (Eng), Senior Vice President, Business Development. Joined the company 1981. Management team member 2006–.

Main positions: product development and sales positions, Oy Fiskars Ab's plastic industry (1978–1980); duties in corporate planning, G.A. Serlachius Oy (1981–1982); project manager, Stuart Edgar Ltd (1982–1986); General Manager, T-Drill Inc. (1986–1987); various positions in business development and in M&A projects in Metsä-Serla (at present M-real), i.e. Vice President, Business Development (1987); General Manager, Hygiene Division of Holmen Hygiene AB (1989); General Manager, Kitchen Furniture Division, Metsä-Serla (1992); General Manager, Rantasalmi Loughouses (1994); Senior Vice President, Business Development, M-real (1999–).

Shares: no ownership



### Mika Paljakka

b. 1968

Lic Econ and BA, MSc (Educ), Senior Vice President, Human Resources and Total Quality Management (TQM). Also responsible for human resources, organisational development, management development, total quality management and environmental issues. Joined the Metsäliitto Group 2000. Chairman of the management team 2008–.

Main positions: Human Resources Development Manager, Perlos Corporation (1994–2000); Human Resources Development Manager and Senior Vice President, Human Resources, Oy Metsä-Botnia Ab (2000–2002); Vice President, Business Development, M-real (2002–2003); Senior Vice President, Human Resources & Management, Finnforest Corporation (2003–2008); Senior Vice President, Human Resources and Total Quality Management, M-real (2008–).

Shares: 16,000



### Seppo Puotinen

b. 1955

Lic Tech, Senior Vice President, Office Papers. Worked in the company 1986–2000 and joined the company again 2004. Management team member 2005–.

Main positions: Assistant in applied mechanics, University of Oulu (1981–1985); researcher, KCL, Finland (1985–1986); various positions in business development, marketing and operational responsibility in Metsä-Serla (at present M-real): i.e. Vice President, Cartons Division, Corrugated and Folding Carton operations (1999); Managing Director, SCA Packaging, Finland, Russia and the Baltic countries (2000–2002); President, SCA's Containerboard Division, Brussels (2002–2004); Executive Vice President, Corporate Strategy & Sales Services, M-real (2004–2005); Senior Vice President, Office Papers, M-real (2005–).

Shares: 1,000 (A shares), 2,750 (B shares)



### Jarmo Salonen

b. 1951

MSc (Eng), Senior Vice President, Resources. Responsible for resources as wood, pulp, energy and purchasing, research and development and logistics. As of January 2009, Salonen is also responsible for implementation of commercial pulp and energy agreements with Sappi as well as Market Pulp and Energy reporting segment.

Main positions: Manager of technical customer service, Ahlström Corporation, Varkaus mills (1982–1985); Mill manager, Varkaus fine paper mills, Ahlström / Enso Corporation (1985–1987); Managing Director of Bore Line Oy Ab (1987–1993); various positions in operational managing responsibilities in Metsä-Serla (at present M-real): Mill manager, Äänekoski and Kangas paper mills (1993–1999); Director, fine paper division and Managing Director, M-real UK Paper (1999–2000); Senior Vice President, Commercial Printing, Amsterdam (2000–2002); Senior Vice President, M-real's Corporate Purchasing (2002–2003); Senior Vice President, M-real's Production (2003–2004); Executive Vice President of M-real's Commercial Printing business area (2004–2007); Executive Vice President, resources (2007–).

Shares: 3,677 (B shares)

# Internal control, risk management and internal auditing

Profitable business requires that the operations are monitored continuously and with adequate efficiency. M-real's internal management and control procedure is based on the Finnish Companies Act, regulations and recommendations for listed companies, the Articles of Association and the company's own principles and policies. Internal control covers the control of financial reporting, company-internal authorisation rights, investment follow-up and credit control. The functionality of the company's internal control is evaluated by the company's internal auditing. Internal control is carried out throughout the organisation. Internal control methods include internal guidelines and reporting systems that support control.

The following describes M-real's internal control principles, objectives and responsibilities and the principles of internal auditing. The acting management of the company, the VP of Risk Management, and internal auditing are responsible for preparing the above principles, and the Board finally confirms them.

## **Internal control definition and objectives**

In M-real, internal control covers financial and other control. Internal control is implemented by the Board and the acting management and all the rest of the personnel.

Internal control refers to that part of management which aims to ensure the following:

- achieving the goals and objectives set by the company
- economic, suitable and efficient use of resources
- adequate management of the risks related to the operations
- correct and reliable financial information and other management information
- adhering to external regulations and internal policies
- following appropriate policies related to accounts
- securing the operations, information and property in an adequate manner
- arrange adequate and suitable manual and IT systems to support operations

## **Proactive control**

Proactive control involves the specification of corporate values, general operational and business principles and corporate objectives and strategy, among other things. The corporate culture, governance and the approach to control together create the basis for the entire internal control.

## **Daily control**

Daily control refers to general control and follow-up, with operational systems and work guidelines, related to daily operational steering. Examples include the specification of personnel responsibilities and authority, identifying high-risk assignments, job descriptions, approval authority and deputy procedures.

## **Subsequent control**

Subsequent control refers to control and check-up measures, such as different management evaluations and inspections, comparisons and verifications the aim of which is to ensure that the goals are met and that the agreed operational and control principles are followed.

## **Internal monitoring of the financial reporting process, credit control and authorisation rights**

The financial organisations of the business areas and the central administration are responsible for financial reporting. The units and business areas report the financial figures each month. Business area controllers check the monthly performance of units from each business area and report them further to the central administration. Business area profitability development and business risks and opportunities are discussed in monthly meetings attended by the senior management of M-real and of the business area in question. The result will be reported to the Board and M-real Management Team each month. The company's Controllers' Manual provides detailed descriptions on the reporting and control rules and the reporting procedure.

Credit control in M-real has been centralised to the Credit committee, which convenes at least each quarter. The development of trade receivables are monitored in each sales company by credit controllers under the supervision of the company's VP of Credits. Counterparty-specific credit limits are set within the boundaries of the credit policy confirmed by the Board in cooperation with centralised credit control and business area management.

Authorisation rights concerning expenses, significant contracts and investments have been specified for different organisation levels according to the signature policy confirmed by the Board, and the authority separately granted by the CEO and other members of the senior management.

Investment approval and follow-up is carried out by the financial administration according to the investment policy

confirmed by the Board. After pre-approval investments are taken to the management teams of the business area and M-real within the framework of the annual investment plan. Most significant investments are separately taken for Board approval. Investment follow-up reports are compiled each quarter.

### Structure and responsibilities of internal control

Being a listed company, M-real's internal control is steered by the Finnish Companies Act and Securities Market Act, other laws and regulations applicable to the operations, OMX NASDAQ Helsinki Ltd's stock exchange rules and recommendations, including corporate governance regulations. Essential bodies in the company's internal control are set out below. External control is carried out by M-real's auditor and the authorities.

| Body   | Tasks  | Reports to                |
|--|--|---------------------------|
| Board of Directors                           | Arranges internal control and confirms the principles of internal control.   | General Meeting           |
| Audit committee                              | Follow-up and evaluation of the functionality, efficiency and reliability of internal control, internal auditing and risk management.<br>To assess the description of the main features of internal control, and risk management systems related to the financial reporting process, as set out in the corporate governance statement. | Board                     |
| Operative management                         | Arrange and maintain adequate and well-functioning internal control.   | Board and Audit committee |
| Internal auditing                            | The company's independent evaluation and follow-up function which aims to support the company's management and Board with their control tasks.   | Audit committee and CEO   |
| Chief Financial Officer                      | Carries out the control in practice.   | CEO                       |
| VP, Corporate Risk Management                | Controls the company's risk management process, its development and implementation.<br>Business area consulting.   | CFO                       |
| Corporate Business Control                   | Reviews the business areas' monthly results and reports them further   | CFO                       |
| Business areas and units and Group functions | Arrange the internal control and reporting concerning their own area of responsibility.  | Operative management      |

## Risk management

Risk management is an essential part of M-real's standard business planning and management. Risk management belongs to daily decision-making, operations follow-up and internal control, and it promotes and ensures that the objectives set by the company are met.

Linking business management efficiently with efficient risk management is based on the operational principles confirmed by the company's Board; the aim of the principles is to maintain the risk management as a package that is well-defined, understandable and adequately practical. Risks and their development are reported on a regular basis to the Board's Audit committee. Centralised risk administration also takes care of the coordination and competitive bidding of M-real's insurances.

The most crucial objective of risk management is to identify and evaluate those risks, threats and opportunities which may have an impact on the implementation of the strategy and on how short-run and long-run objectives are met. A separate risk review is also included in the most significant investment proposals.

The business areas regularly evaluate and monitor the risk environment and related changes as part of their annual and strategic planning. The risks identified and their control are reported to the company's management, Audit committee and the Board at least twice a year. Business risks also involve opportunities, and they can be utilised within the boundaries of

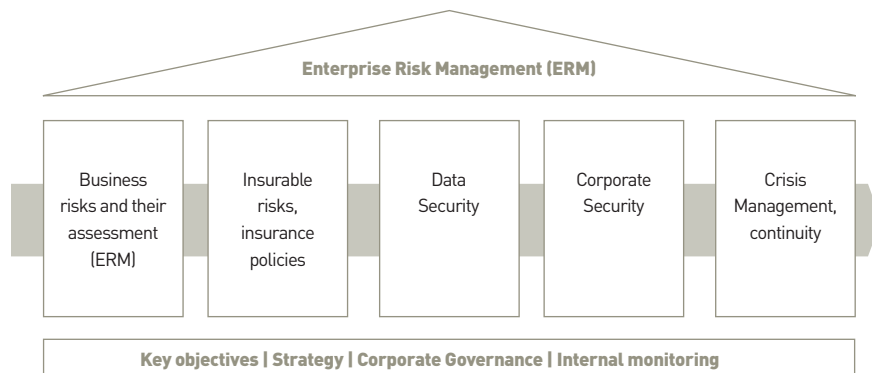
the agreed risk limits. Conscious risk-taking decisions must always be based on an adequate evaluation of the risk bearing capacity and the profit/loss potential, among other things.

## Risk management responsibilities

Risk management responsibilities are divided as follows in M-real:

- M-real's Board is responsible for the company's risk management and confirms the company's risk management policy.
- The Audit committee evaluates the essential risk areas and the adequacy of the company's risk management and provides the Board with related proposals.
- The CEO and the Management Team are responsible for the specification and adoption of the risk management principles. They are also responsible for ensuring that the risks are taken into account in the company's planning processes and that risk reporting is adequate and appropriate.
- The VP of Risk Management reporting to the CFO is responsible for the company's risk management process development, coordination, the implementation of the risk evaluation and the essential insurance decisions.
- Business areas and support functions identify and evaluate the essential risks related to their own areas of responsibility in their planning processes, prepare for them, take necessary preventive action and report on the risks as agreed.

### Basic elements of M-real's risk management



## M-real's risk management process

Risk management aims to

- promote and secure that the business objectives are met
- ensure safe and disruption-free business continuity under all circumstances
- optimise the company's overall risk position.

M-real's essential risk management elements are:

- implementing a comprehensive corporate risk management process that supports the entire business
- protecting property and ensuring business continuity
- corporate security and its continuous development
- crisis management, continuity and recovery plans

According to the risk management policy and principles, adequate risk assessment is part of the preliminary review and implementation of significant projects.

The tasks of M-real's risk management:

- ensure that all identified risks with an impact on personnel, customers, products, property, information assets, corporate image, corporate responsibility and operational capacity are controlled according to applicable laws and on the basis of best available information and financial aspects
- ensure that the company's objectives are met
- fulfil the expectations of the interest groups
- protect property and ensure disruption-free business continuity
- optimise the profit/loss possibility ratio
- ensure the management of the company's overall risk exposure, and to minimise the overall risks.

The most significant risks and uncertainties that the company is aware of are described in the Board's annual report.

## Internal auditing

Internal auditing assists the M-real Board and CEO with their control tasks by evaluating the quality of internal control maintained in order to achieve the company's objectives. In addition, internal auditing supports the organisation by evaluating and ensuring the functionality of business processes, risk management and the management and administration systems.

The key task of internal auditing is to assess the efficiency and suitability of internal control concerning M-real functions and units. In its assignment, internal auditing evaluates how well the operational principles, guidelines and reporting systems are adhered to, how property is protected and how efficiently resources are used. Internal auditing also acts as an expert in development projects related to its task area and prepares special reports at the request of the Audit committee or the management.

Internal auditing operates under the supervision of the Audit committee of M-real's Board, and the CEO. Audit observations, recommendations and the progress of measures are reported to the management of the target audited, the company management and the auditor. Every six months, internal auditing reports its auditing measures, plans and operations to M-real's Audit committee.

The action plan of internal auditing is prepared for one calendar year at a time. The aim is to allocate the auditing to all functions and units at certain intervals. Auditing is annually allocated to areas which are important for the evaluated risk and the company's objectives at the time. The topicality and appropriateness of the action plan are processed with the company's management every six months.

The scope and coordination of the auditing operations are ensured through regular communication and information exchange with other internal assurance functions and the auditor. When necessary, internal auditing uses external outsourcing services for temporary additional resourcing, or special expertise for carrying out demanding evaluation tasks.

# Quarterly data

| EUR million   | Full year |       |         |          | Quarterly |        |         |          |         |        |
|---|-----------|-------|---------|----------|-----------|--------|---------|----------|---------|--------|
|   | 2008      | 2007  | IV/2008 | III/2008 | II/2008   | I/2008 | IV/2007 | III/2007 | II/2007 | I/2007 |
| <b>Sales</b>  |           |       |         |          |           |        |         |          |         |        |
| Consumer Packaging                                    | 1,061     | 1,069 | 248     | 274      | 274       | 266    | 259     | 267      | 275     | 268    |
| Office Papers   | 804       | 888   | 174     | 203      | 204       | 223    | 213     | 213      | 221     | 241    |
| Other Papers  | 622       | 657   | 147     | 153      | 158       | 164    | 161     | 162      | 158     | 176    |
| Market Pulp and Energy                                | 644       | 596   | 150     | 172      | 160       | 162    | 147     | 157      | 136     | 156    |
| Internal sales and other operations                   | 105       | 289   | 3       | 24       | 33        | 44     | 48      | 71       | 80      | 90     |
| M-real  | 3,236     | 3,499 | 722     | 826      | 829       | 859    | 828     | 870      | 870     | 931    |
| <b>Operating result excluding non-recurring items</b> |           |       |         |          |           |        |         |          |         |        |
| Consumer Packaging                                    | 29        | 77    | -9      | 17       | 3         | 18     | 7       | 31       | 15      | 23     |
| Office Papers   | -29       | 17    | -14     | -6       | -7        | -2     | 4       | 9        | -2      | 7      |
| Other Papers  | -15       | -30   | -8      | -3       | -1        | -3     | -10     | -7       | -6      | -7     |
| Market Pulp and Energy                                | 32        | 26    | -2      | 12       | 12        | 10     | 8       | 9        | 1       | 9      |
| Other operations                                      | -52       | -16   | -18     | -17      | -8        | -9     | 0       | -5       | -4      | -7     |
| Operating result                                      | -35       | 75    | -51     | 3        | -1        | 14     | 9       | 37       | 4       | 25     |
| <b>Operating result and result before taxes</b>       |           |       |         |          |           |        |         |          |         |        |
| Consumer Packaging                                    | 24        | 61    | -13     | 17       | 3         | 17     | -1      | 31       | 7       | 23     |
| Office Papers   | -53       | -196  | -38     | -6       | -7        | -2     | -179    | 9        | -2      | -23    |
| Other Papers  | -59       | -36   | -75     | -3       | -2        | 21     | -12     | 1        | -4      | -21    |
| Market Pulp and Energy                                | 106       | 25    | -2      | 12       | 86        | 10     | 7       | 9        | 1       | 9      |
| Other operations                                      | -79       | 97    | -33     | -28      | -9        | -9     | -3      | -6       | -7      | 112    |
| Operating result                                      | -61       | -49   | -161    | -8       | 71        | 37     | -188    | 44       | -5      | 100    |
| % of turnover   | -1.9      | -1.4  | -22.3   | -1.0     | 8.6       | 4.3    | -22.7   | 5.1      | -0.6    | 10.7   |
| Share of result in associated companies               | -1        | -3    | 0       | 0        | -1        | 0      | -3      | 1        | -1      | 0      |
| Exchange gains/losses total                           | 13        | 1     | 11      | 1        | -1        | 2      | 4       | 0        | 2       | -5     |
| Other financial income and expenses                   | -155      | -140  | -47     | -38      | -32       | -37    | -40     | -37      | -29     | -34    |
| Result before taxes                                   | -204      | -191  | -197    | -45      | 37        | 2      | -228    | 8        | -33     | 61     |
| <b>Operating result, (%)</b>                          |           |       |         |          |           |        |         |          |         |        |
| Consumer Packaging                                    | 2.3       | 5.7   | -5.2    | 6.2      | 1.1       | 6.4    | -0.4    | 11.6     | 2.5     | 8.6    |
| Office Papers   | -6.6      | -22.1 | -21.8   | -3.0     | -3.4      | -0.9   | -84.0   | 4.2      | -0.9    | -9.5   |
| Other Papers  | -9.5      | -5.5  | -51.0   | -2.0     | -1.3      | 12.8   | -7.5    | 0.6      | -2.5    | -11.9  |
| Market Pulp and Energy                                | 16.5      | 4.2   | -1.3    | 7.0      | 53.8      | 6.2    | 4.8     | 5.7      | 0.7     | 5.8    |
| M-real Group  | -1.9      | -1.4  | -22.3   | -1.0     | 8.6       | 4.3    | -22.7   | 5.1      | -0.6    | 10.7   |



| 1,000 tonnes                      | Full year |       |         |          |         | Quarterly |         |          |         |        |
|-----------------------------------|-----------|-------|---------|----------|---------|-----------|---------|----------|---------|--------|
| <b>Deliveries</b>                 | 2008      | 2007  | IV/2008 | III/2008 | II/2008 | I/2008    | IV/2007 | III/2007 | II/2007 | I/2007 |
| Consumer Packaging                | 1,345     | 1,386 | 303     | 348      | 351     | 342       | 336     | 346      | 358     | 347    |
| Office Papers                     | 1,081     | 1,194 | 237     | 270      | 274     | 300       | 284     | 283      | 297     | 330    |
| Other Papers                      | 680       | 718   | 157     | 168      | 174     | 181       | 177     | 176      | 172     | 192    |
| Paper businesses total            | 1,761     | 1,911 | 394     | 438      | 448     | 481       | 461     | 458      | 469     | 523    |
| Market Pulp and Energy            | 1,115     | 997   | 264     | 291      | 279     | 281       | 247     | 261      | 227     | 262    |
| <b>Production</b>                 | 2008      | 2007  | IV/2008 | III/2008 | II/2008 | I/2008    | IV/2007 | III/2007 | II/2007 | I/2007 |
| Consumer Packaging                | 1,336     | 1,398 | 293     | 347      | 335     | 361       | 339     | 352      | 348     | 358    |
| Office Papers                     | 905       | 1,219 | 177     | 226      | 245     | 257       | 279     | 293      | 317     | 330    |
| Other Papers                      | 705       | 743   | 160     | 170      | 186     | 190       | 182     | 177      | 190     | 194    |
| Paper mills total                 | 1,610     | 1,962 | 337     | 396      | 431     | 447       | 461     | 470      | 507     | 524    |
| Metsä-Botnia's pulp <sup>11</sup> | 990       | 785   | 235     | 270      | 233     | 252       | 225     | 191      | 181     | 187    |
| M-real's pulp                     | 1,486     | 1,536 | 303     | 377      | 391     | 415       | 369     | 417      | 360     | 390    |

<sup>11</sup> Equals to M-real's 30 per cent ownership

# Production capacities

| BOARD MILLS  |         |          |  |                  |            |              |
|--------------|---------|----------|--|------------------|------------|--------------|
| 1,000 tonnes | Country | Machines |  | Folding boxboard | Linerboard | Total        |
| Tampere      | Finland | 2        |  | 205              |            | 205          |
| Kyröskoski   | Finland | 1        |  | 160              |            | 160          |
| Äänekoski    | Finland | 1        |  | 210              |            | 210          |
| Simpele      | Finland | 1        |  | 215              |            | 215          |
| Kemi         | Finland | 1        |  |                  | 375        | 375          |
| <b>Total</b> |         | <b>6</b> |  | <b>790</b>       | <b>375</b> | <b>1,165</b> |

| PAPER MILLS   |         |           |                       |                   |                     |                   |              |
|---------------|---------|-----------|-----------------------|-------------------|---------------------|-------------------|--------------|
| 1,000 tonnes  | Country | Machines  | Coated magazine paper | Coated fine paper | Uncoated fine paper | Speciality papers | Total        |
| Husum         | Sweden  | 3         | 275                   |                   | 435                 |                   | 710          |
| Gohrsmühle *) | Germany | 2         |                       | 350               |                     |                   | 350          |
| Alizay        | France  | 1         |                       |                   | 310                 |                   | 310          |
| Hallein **)   | Austria | 2         |                       | 310               |                     |                   | 310          |
| Äänekoski     | Finland | 1         |                       | 200               |                     |                   | 200          |
| Kyröskoski    | Finland | 1         |                       |                   |                     | 105               | 105          |
| Düren         | Germany | 4         |                       |                   |                     | 100               | 100          |
| Simpele       | Finland | 1         |                       |                   |                     | 55                | 55           |
| <b>Total</b>  |         | <b>15</b> | <b>275</b>            | <b>860</b>        | <b>745</b>          | <b>260</b>        | <b>2,140</b> |

\*) Coated standard fine paper production to discontinue during April 2009, and production of speciality papers and uncoated fine papers to be expanded.

\*\*) Production in Hallein to be discontinued at the end of April 2009.

| PULP MILLS   |         |  |               |                                      |              |
|--------------|---------|--|---------------|--------------------------------------|--------------|
| 1,000 tonnes | Country |  | Chemical pulp | Chemi-thermo-mechanical pulp (BCTMP) | Total        |
| Husum        | Sweden  |  | 690           |                                      | 690          |
| Alizay       | France  |  | 310           |                                      | 310          |
| Hallein      | Austria |  | 160           |                                      | 160          |
| Kaskinen     | Finland |  |               | 300                                  | 300          |
| Joutseno     | Finland |  |               | 270                                  | 270          |
| <b>Total</b> |         |  | <b>1,160</b>  | <b>570</b>                           | <b>1,730</b> |

| METSÄ-BOTNIA *) |         |  |               |              |
|-----------------|---------|--|---------------|--------------|
| 1,000 tonnes    | Country |  | Chemical pulp | Total        |
| Äänekoski       | Finland |  | 500           | 500          |
| Joutseno        | Finland |  | 650           | 650          |
| Rauma           | Finland |  | 630           | 630          |
| Kemi            | Finland |  | 575           | 575          |
| Fray Bentos **) | Uruguay |  | 1,100         | 1,100        |
| <b>Total</b>    |         |  | <b>3,455</b>  | <b>3,455</b> |

\*) M-real's share of production capacity is 30 per cent.

\*\*) M-real's share of production capacity is 23.6 per cent.

| OTHER SHAREHOLDINGS   |  | Total |
|---|--|-------|
| Sunila Oy, softwood and hardwood pulp (share 17,5%), Finland      |  | 370   |
| Mylykoski Paper Oyj, coated magazine paper (share 35%), Finland   |  | 210   |
| Mylykoski Paper Oyj, uncoated magazine paper (share 35%), Finland |  | 360   |

# Financial reporting

M-real does not comment on its financial performance or similar issues from the close of each reporting period up to the publication of the report for said period, except for information on a change in the market situation and the rectification of incorrect information.

## Financial Information

Financial reports are published in English and Finnish. Annual reports and other publications can be ordered from M-real Corporation by e-mail: [communications@m-real.com](mailto:communications@m-real.com), Revontulentie 6,02100 Espoo, Finland, tel. +358 50 598 9624 or fax +358 10 465 4553. M-real's internet site [www.m-real.com](http://www.m-real.com) material for investors is collected under the heading Investor Relations. Stock exchange releases, interim reports and financial information on these web pages are updated in real time. M-real company presentation on the site is updated when financial reports are published. Information on subjects such as M-real's products, customer cases, sales network and environmental issues and organization can be found on the web pages. Also, feedback can be sent through the company site. M-real's general e-mail address is [communications@m-real.com](mailto:communications@m-real.com)

## Shares

The company has total of 328,165,612 shares. Information on M-real Corporation's shares is given in this report on pages 84-87. M-real's shares series A and B are quoted on the Mid Cap list of NASDAQ OMX Helsinki Ltd. The trading codes of the shares are MRLAV and MRLBV, respectively.

## Investor relations

M-real is committed to generating shareholder value. M-real is set to improve its cost efficiency and profitability and to intensify its operations and organization. M-real offers up-to-date and easily utilizable information on the company regularly and openly. The company aims to produce reliable and factual information concerning its operations and financial position as well as the near-term outlook. All investors are treated equally. M-real has described the general guidelines and defined the responsibilities with reference to handling material information and contacts with the financial market in its IR policy. The policy can be found in M-real's web pages [www.m-real.com](http://www.m-real.com)

| Closed window                | Financial report                   | Publication date    |
|------------------------------|------------------------------------|---------------------|
| 1 January to 5 February 2009 | Financial results for 2008         | Thu 5 February 2009 |
| 1 to 22 April 2009           | Interim report January - March     | Wed 22 April 2009   |
| 1 to 23 July 2009            | Interim report January - June      | Thu 23 July 2009    |
| 1 to 22 October 2009         | Interim report January - September | Thu 22 October 2009 |

#### **For shareholders' information**

M-real Oyj will publish financial reports in the year 2009 as follows.

Thursday 5 February 2009

Financial results for 2008

Wednesday 22 April 2009

Interim report January–March 2009

Thursday 23 April 2009

Interim report January–June 2009

Thursday 22 October 2009

Interim report January–October 2009

#### **Annual General Meeting**

The Annual General Meeting of M-real will be held at Finlandia-talo, Helsinki hall, Mannerheimintie 13 e Helsinki, on Thursday 12 March 2009 at 3 p.m. EET. Shareholders wishing to take part in the Annual General Meeting and to exercise their right to vote must be registered on 2 March on the shareholders' register of the company held by Euroclear Finland Ltd. A shareholder has to give prior notice to the company not later than by 4 p.m. on 9 March 2009 to Eija Niittynen tel. +358 10 465 4530, by e-mail: [eija.niittynen@m-real.com](mailto:eija.niittynen@m-real.com), fax +358 10 465 4529 or in writing to M-real Oyj, Eija Niittynen, P.O. Box 20, 02020 METSÄ.

Possible proxy documents should be delivered in originals to the above address before the last date of registration. As the Board presented there will be no distribution of dividend from the year 2008.

#### **Share register**

Shareholder's address, name and ownership changes are requested to be informed to that book-entry register which holds their book entry account.

#### **Contact information**

##### **EQUITY INVESTORS**

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General questions and comments on investor relations can be e-mailed to [investor.relations@m-real.com](mailto:investor.relations@m-real.com)

[www.m-real.com](http://www.m-real.com)

\* Matti Mörsky to be appointed the new CFO. Seppo Parvi will join another company at the latest in July 2009.

**M-real Oyj**

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Tel. +358 10 4611  
Telefax +358 10 465 5232

Business ID 0635366-7

[www.m-real.com](http://www.m-real.com)

**BUSINESS AREAS****Consumer Packaging**

Hallituskatu 1  
33200 Tampere  
Finland  
Tel. +358 10 4611  
Fax +358 10 463 3158

**Mills (in Finland)**

Joutseno  
Kaskinen  
Kemiart Liners  
Kyro  
Simpele  
Tako  
Äänekoski

**Office Papers**

Van Boshuizenstraat 12  
1083 BA Amsterdam  
Netherlands  
Tel. +31 20 572 7500  
Fax +31 20 572 7570

**Mills (Country)**

Alizay (France)  
Husum (Sweden)

**Other Papers**

Revontulentie 6  
02100 Espoo  
Finland  
Tel. +358 1046 11  
Fax +358 1046 54428

**Mills (Country)**

Gohrsmühle (Germany)  
Hallein (Austria)  
Reflex (Germany)

**Sales network (Country, city)**

Argentina and Uruguay  
(Buenos Aires)  
Australia (Melbourne,  
Sydney)  
Belgium (Brussels)  
Brazil (São Paulo)  
Bulgaria (Sofia)  
Chile (Santiago)  
China (Hong Kong,  
Shanghai)  
Columbia (Bogotá)  
Costa Rica (San José)  
Cyprus (Paphos)  
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Hamburg)  
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Iceland (Reykjavik)  
India (Mumbai)  
Ireland (Dublin)  
Israel (Tel Aviv)  
Italy (Milan)  
Japan (Tokyo)

Jordan (Amman)  
Lebanon (Beirut)  
Mexico (México)  
Netherlands (Amsterdam)  
Norway (Årnes)  
Peru (Lima)  
Poland (Warsaw)  
Portugal (Lisbon)  
Singapore (Singapore)  
Slovenia (Ljubljana)  
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