Inspiration Nokian Tyres plc | Annual Report 2002

Nokian Tyres 2002

Profit before extraordinary items and taxes EUR 48.0 million (37.0 in 2001) Net sales EUR 479.2 million (423.4) Earnings per share EUR 3.17 (2.38) Personnel at year-end 2,585 (2,664)

Solutions for customers in Nordic conditions

We have the innate ability to understand customers operating in Nordic conditions and to know their needs and expectations.

We focus on tyre products and services that provide our customers in Nordic conditions with sustainable added value and build the foundation for our company's profitable growth and successful business. INSPERIMENTAL STREET

Nokian Tyres is the only tyre manufacturer in the world to focus on customers operating in Nordic conditions. Its products are marketed worldwide in locations where conditions are similar to those in the Nordic countries: snow, forest and extremely demanding driving and operating conditions because of the four seasons.

Focus on Nordic conditions

Nokian Tyres is the largest tyre manufacturer in the Nordic countries and one of the most profitable companies in its industry worldwide. The company develops and manufactures summer and winter tyres for cars and bicycles, and tyres for a range of heavy machinery. The company is also the largest manufacturer of retreading materials and retreaded tyres in the Nordic countires.

Nokian Tyres runs the Vianor tyre chain, which is the largest and most extensive of its kind in the Nordic countries. The chain comprises approx. 160 of its own retail outlets across Finland, Sweden, Norway, Estonia and Latvia. The company's product development, administration and marketing functions as well as the majority of production are located in the Nokia facility in Finland. Bicycle tyres are also manufactured in Finland, at the Lieksa plant. In addition, the company has contract manufacturing in Poland, the USA, Russia and Indonesia. Nokian Tyres has its own sales companies in Sweden, Norway, Germany, Switzerland, Russia and the USA.

Nokian Tyres primarily operates in the tyre replacement markets. The company's key success factors include the continually upgraded product range and innovations that deliver genuine added value to the customer. The focus strategy adopted at Nokian Tyres has enabled the company to outperform the average annual growth in the tyre industry. Despite the powerful growth, the company has retained its position among the most profitable tyre companies in the world.

In 2002, Nokian Tyres booked net sales of EUR 479.2 million and employed some 2,585 people.

Nokian Tyres plc was founded in 1988 and it was first listed on the Helsinki Stock Exchange in 1995. The company 's roots go back all the way to 1898, when Suomen Gummitehdas Oy, or the Finnish rubber factory, was established. Bicycle tyre production began in 1925 and passenger car tyre production in 1932. The company 's best-known brand, the Nokian Hakkapeliitta tyre, was launched in 1936.

CONTENTS	_	
	5	Introduction
	6	Strategy, values
	8	Product areas
	10	President's letter
	12	Home market
	16	Vianor
	20	Global markets
	24	Innovative products
	28	Processes
	32	Personnel and environment
	36	Share and shareholders
	40	Corporate governance
	42	Members of the management meeting
	44	Nokian Tyres 1993–2002
	45	Financial statements
	63	Board of directors
	65	Contact information
	66	Investor information

Focus on Nordic conditions

Nokian Tyres is the only tyre manufacturer in the world to focus on solutions and products that meet the special needs of customers in Nordic conditions. Products are marketed in all countries with Nordic conditions, that is, everywhere where there is snow, forests, and demanding conditions caused by changing seasons.

• Special products designed for Nordic conditions include passenger car winter tyres, winter treads for truck tyres and forestry tyres.

Focus on other narrow product segments

By focusing on products designed for northern conditions, Nokian Tyres has developed special competence that gives added value in other narrow special product segments.

• Special products include ultra high performance car summer tyres as well as harbour and mining machinery tyres.

Focus on replacement markets

All Nokian brand passenger car tyres and approximately 60% of heavy tyres are sold to consumers in replacement markets through special tyre stores, car dealers and other companies engaged in tyre trade.

Nokian Tyres' focus strategy is supported by

Investments in product development and production

Product development is guided by a philosophy of durable safety, which entails the continued renewal of the product range with the objective of being able to provide customers with value-adding innovations.

- Production concentrates on high margin core products.
- Ongoing improvement of quality and productivity is supported through consistent investment and productivity projects.

Open and participatory corporate culture

A basic factor behind Nokian Tyres' lasting success is a continuous process of personnel development, which is supported by an open and participatory corporate culture.

• The corporate culture aims to create a highly motivated working community that promotes the success of individuals and the company.

KEY STRATEGIC OBJECTIVES INTO 2007

Market leader in the home market

The key objective in the home market is to be a market leader as a tyre manufacturer and tyre distributor, as well as to have the best customer services and highest customer loyalty in the tyre business.

Globally strong position in core products

The niche strategy is geared towards building a significant global position in narrow, growing product segments.

Growth through a continuously improved product range

Profitable growth is based on heavy investments in core products and services that give customers genuine added value and enhance the ability to launch innovative products and services.

Increase profits through high productivity and the best customer processes in the industry

Improvements in operational efficiency and profitability are achieved through the ongoing development of logistic processes, total quality and productivity.

Profit growth through skilled, inspired personnel with entrepreneurial spirit

Personnel's active and entrepreneurial attitude towards the development of personal skills and company performance supports the selected focusing strategy and company's pursuit of an ethical and responsible operating policy.

Strategy 2007, key financial objectives

- To clearly increase the market value
- To double the net sales (EUR 800 million)
- · An adequate equity ratio
- A steady increase in earnings per share (EPS)
- · Positive, steadily growing cash flow
- Steady improvement in the return on net assets (RONA)

ARGET VALUES

Values that guide and support our strategy

Nokian Tyres' personnel consist of approximately 2,600 individuals, each with their own personal history. They are people representing different age groups, educational levels, languages and cultures. Their employment histories range from a few weeks to several decades. Shared values and operating policies help us earn and keep the trust and satisfaction of our interest groups. Moreover, they connect members of the community within the organisation.

Customer satisfaction

We have the industry's highest customer satisfaction rate in the Nordic countries, the Baltic States and Russia, and the highest satisfaction rate in our core products globally. All our activities are geared to support the customer service personnel.

Personnel satisfaction

Nokian Tyres is a respected and attractive workplace. Our personnel are highly skilled and motivated. Our activities are characterised by our desire to continuously develop our personal skills as well as the company.

Shareholder satisfaction

We are the most profitable tyre manufacturer and tyre distributor in the industry. Our consistently good performance translates into good share price development and dividend policy.

The best processes in the business

Our key processes and our business network are efficient and represent the cutting edge in the industry. We uphold the principles of the responsible citizen in all of our activities.

TARGET CULTURE

We strive to act in line with the Hakkapeliitta spirit, the basic elements of which we have defined as follows:

Entrepreneurship = The will to win

We thirst for profit, we are quick and brave. We set ambitious objectives, and perform our work with persistence and perseverance. We are dynamic and punctual, and we always make customer satisfaction our first priority.

Inventiveness = The will to survive

We have the skill to survive and excel, even in the most challenging circumstances. Our competence is based on creativity and inquisitiveness, and the nerve to question the status quo. We are driven by a will to learn, develop and create something new.

Team spirit = The will to fight

We work in an atmosphere of genuine joy and action. We work as a team, relying on each other and supporting each other, offering constructive feedback when needed. We embrace differences, and we also encourage our team members to individually pursue winning performances.

Six product areas

Passenger car and delivery van tyres

This product area covers the development and production of summer and winter tyres for passenger cars and delivery vans. Key products include studded and non-studded winter tyres as well as high-speed summer tyres. Net sales are primarily generated in the Nordic countries and Russia. Other significant market areas are the Alpine region, Eastern Europe, North America and Canada. Winter tyres account for 73% of the product area's net sales. 55% of summer tyres are high margin products for high performance or ultra high performance summer tyre segments. Markets showing the most powerful growth were Russia, Eastern Europe and the USA. Product range in the passenger car and delivery van area has seen the quick introduction of new products, and the market shares of Nokian-brand tyres have developed favourably in the key markets. The majority of the products are manufactured at the company's facility in Nokia, Finland, and sold in the replacement markets.

Heavy tyres

The heavy tyres product area comprises tyres for forestry machinery, special tyres for agricultural machinery and industrial machinery as well as truck tyres. Product development in this product area concentrates on narrow and growing product niches such as forestry machinery tyres, truck winter traction tyres and other special products. The demand for radial tyres has clearly picked up in the past few years, which is why the company has invested in radial tyre production technology. Forestry tyres represent the number one product segment in the Nokian heavy tyres product area. The company has a 30% share of the global forestry tyres market. Nokian Tyres has developed special tyres for what is known as CTL (cut-to-length) machinery, which was invented in the Nordic countries, and the company is now the world's market leader in this area. Nokian heavy tyres are sold in the original equipment and replacement markets alike. Original equipment represents approximately 40% of the product area's net sales. Key markets in addition to the Nordic countries include Central and Southern Europe, the USA and Canada. The majority of the products is manufactured at the Nokia plant.

Key figures 2002					
	2002	2001	Change		
			%		
Net sales, MEUR	479.2	423.4	13.2		
Operating profit, MEUR	60.1	50.5	18.9		
% of net sales	12.5	11.9			
Profit before extraordinary					
items and taxes, MEUR	48.0	37.0	29.5		
% of net sales	10.0	8.7			
Return on					
net assets, %	17.1	14.3			
Return on					
equity (ROE), %	16.9	14.3			
Interest bearing net debt,					
MEUR	122.5	158.2	-22.6		
% of net sales	25.6	37.4			
Gross investments, MEUR	26.0	45.3	-42.6		
% of net sales	5.4	10.7			
Cash flow from operating					
activities, MEUR	69.3	70.8	-2.2		
Earnings per share, EUR	3.17	2.38	33.2		
Cash flow per share, EUR	6.55	6.69	-2.2		
Shareholders' equity					
per share, EUR	20.0	17.5	14.2		
Equity ratio, %	46.9	40.2			
Average no. of personnel	2,663	2,636	1.0		
incluge nor or personner	2,005	2,050	1.0		



2.50

2,00

1,50

1,00

0,50

0.00

MEUR



Bicycle tyres

The Nokian bicycle tyres unit produces tyres for standard and special bikes. Special products include downhill tyres and studded bicycle tyres. Nokian Tyres is the biggest manufacturer of the studded bicycle tyres in the world. The objective in this product area is to maintain a strong position in the home market and to be a major supplier of mountain bike tyres globally. Key markets cover the Nordic countries, Central Europe and the USA. Products are manufactured at the Lieksa factory.

Retreading materials

This product area covers the development and manufacture of retreading materials used for retreading truck tyres, a variety of industrial machinery types and car and van tyres. Key products include winter treads for truck tyres. Nokian Tyres is the only Nordic manufacturer of retreading materials. Main markets are the Nordic countries.

Vianor

The Nokian Tyres owned Vianor tyre chain is the biggest of its kind in the Nordic countries. The chain consists of approx. 160 sales outlets located in Finland, Sweden, Norway, Estonia and Latvia. Moreover, Vianor is also the biggest tyre retreader in the Nordic countries. The Vianor chain sells passenger car and van tyres as well as truck tyres. The product range also features other automotive products and services. All sales outlets have a uniform visual appearance and product selection.

RoadSnoop

The newest Nokian Tyres product area is the RoadSnoop unit, which was set up in 2001 and is responsible for the development, product profiling and commercial utilisation of intelligent tyre technology. The RoadSnoop pressure watch, developed by Nokian Tyres, monitors the tyre pressure and temperature, and warns the driver of insufficient tyre pressure by transmitting a radio signal to a small receiver. Deliveries of the product will begin in 2003.

Product areas in 2002

	Net sales MEUR	Share of company net sales	Production volume	Number of products in product range	Share of new products of net sales	¹⁾ Personnel (at year-end)
Passenger car and						
delivery van tyres	242.8	46 %	5.1 million pcs	354	44 %	710
Heavy tyres	55.0	10 %	8,670 tns	251	10 %	171
Bicycle tyres	5.5	1 %	830.000 pcs 2)	159 ²⁾	16 %	49
Retreading materials	11.2	2 %	4,336 tns	212	8 %	12
Vianor	216.2	41 %	-	-	-	1,150
RoadSnoon	_	_	_	_	-	3

1) Products launched in 2001 or 2002

2) Excluding inner tubes

Net sales by market area



Net sales by product area

Dear reader,

For Nokian Tyres, 2002 was a successful year of profitable growth despite the declining world economy and the many problems in the tyre industry. The development in our core business moved at a stronger pace than the industry in general.

Thanks to our ambitious and creative reactions, Nokian Tyres rapidly succeeded in taking advantage of the opportunities that arose to strengthen company's position in our core markets. In our home market, particularly in Sweden, the competitive situation changed when a local tyre manufacturer shut down its factory. We immediately focused our resources on Sweden with good results: the good reputation of our company further strengthened, our sales volumes increased clearly and Nokian brand recognition improved.

In Russia, Nokian Tyres took its first important steps in the manufacturing business by starting the off-take manufacturing of Nordman branded tyres at Amtel factories and by signing a joint venture agreement. Nokian Tyres also proceeded with determination and success in the Eastern European countries. In the USA, our growth was clearly stronger than the previous year. Combined with hard work and innovations, our chosen strategy and solid competence again showed their strength.

Service and production capacity to a new level

Internally we focused on developing the main processes of our core business. We successfully utilised our investments and improved our productivity.

We introduced record amount of new products in the top segments and the share of the new products increased clearly. Especially Nokian WR, the world's fastest winter tyre, and the Nokian NRY summer tyre are worth mentioning. The development of those tyres signified a huge step forward for our organisation. Of the approximately 170 tyre manufacturers in the world, only about a dozen are capable of manufacturing corresponding products. I am proud that our organisation accepted a demanding challenge with determination. The positive customer feedback on our innovative products and the tyre test wins in car magazines further direct our operations towards special products. All this requires the best production technologies as well as marketing and communication methods, which are bold and relatively unusual in the tyre business.

Our ability to serve our customers faced a tough test at the onset of the winter season as permanent snow appeared surprisingly early in the Nordic countries. Thanks to our new logistics solutions, we passed the test with flying colours, showing remarkably better performance than ever before in our customer service.

In Finland, the tyre chain integration process at Vianor progressed as planned, with visible results in the second quarter of the year. In terms of annual result, Vianor achieved its all-time record in Finland. In Sweden, however, efficiency boosting measures did not progress sufficiently. We were not able to anticipate that, because of differences in culture, such projects take longer and need more contribution than we are used to.

Several opportunities for profitable growth

We face the beginning year with confidence, notwithstanding the uncertain trends in the world economy and the commercial and technical challenges of the tyre industry itself. We believe that the positive growth in our core business areas will continue and we will remain in a steady growth groove.

We have several opportunities for growth, particularly in Sweden, Russia and Eastern Europe. By keeping the promises given to our customers, we continue to strengthen our brand and market positions. The factory investments and the investment decisions for 2003 have created the foundation for the manufacture of 6.5 million tyres at our Nokia plant. We will continue to improve our productivity without increasing the number of staff. The principle of continuous development together with the company culture called "Hakka-peliitta sprit" (see page 8), will direct our product development, logistics and other operations.

During the past few years, the tyre industry has been increasingly transferring produc-

tion to countries where the cost level is lower. Nokian Tyres intends to be part of this development. We will increase the contract manufacturing of summer tyres in Indonesia. In the Amtel factories, the production volumes of the Nordman brand tyres will be increased. Also in Slovakia we have started contact manufacturing. However, our Nokia production unit will maintain its key role as the producer of high quality premium products. Nokia will remain the centre of our development activities; the inspiration base for reforming our company culture, key products and brands.

While our basic strategy will remain unchanged, we will utilise profitable production sources, particularly in the expanding markets and in products whose manufacture in Finland is not productive. Even outside Finland we will focus on areas in which our expertise is the strongest. Nokian Tyres has by no means reached the end of its specialisation development. The vehicle and tyre industry and markets are developing rapidly. This will change the special segments, all the time creating new potential for us.

It is particularly important to promote the competence of the staff, to cultivate their innovative spirit, to reinforce the Hakkapeliitta spirit and to control and develop the reputation of the company. Reputation is the key to our operations. What we are and what we do shape this: our products, our operations, our services and our communication. Every day, we must redeem our reputation with our behaviour and actions, particularly when face-to-face with a customer.

Thank you

I would like to express my thanks for the good year we have had.

I would like to thank our customers, whose valuable feedback has helped us evaluate whether we are moving in the right direction with our own ideas of our products, services and operations.

I would like to thank our staff for once again adapting to changes, for overcoming obstacles in the Hakkapeliitta spirit and for bringing home the gold.

I would also like to thank the educational institutions situated in the neighbourhood of our facilities for expressing an interest in our company and for the numerous ideas for developing training and learning.

And, finally, my sincere thanks to our shareholders and partners in the securities market for your trust and growing interest in our company

Happy New Year 2003.

Kim Gran

President



inspiration

"Being involved in the establishment of a new, leading tyre chain in the Nordic countries is the kind of challenge you probably only face once in a lifetime," believes Marketing Manager **Petri Asikainen**. As a former biathlonist at national championship level, Asikainen also faces personal challenges in his spare time: this winter's programme involves participation in the 90-km Pirkka Ski Race.

To be the leading tyre manufacturer in the home market

Home markets 2002

- · Demand for car winter tyres increased
- Sales of new cars increased in Finland and in Sweden
- Nokian Tyres' market shares improved
- $\bullet\ Closing\ down\ of\ the\ competitor\ 's\ factory\ strengthened\ Nokian\ Tyres\ '\ position\ in\ Sweden$
- New logistics centre improved Nokian Tyres ' customer service during the peak seasons
- · Contract manufacturing of Nordman tyres started at Amtel factories
- Nokian Tyres and Amtel Holdings signed a letter of intent with the purpose to establish a joint venture company in Russia.

What really matters to a Nordic customer is that tyres provide safety, durability and driving comfort. Nokian Tyres is the only tyre manufacturer in the world to have focused on providing solutions that meet the special needs of customers in Nordic conditions. The company's home market is typified by some of the most challenging driving conditions in the world, providing the company with an innate ability to understand the needs and expectations of customers in Nordic conditions.

Two thirds of Nokian Tyres' net sales are generated in the home market, which includes Finland, Sweden and Norway. Areas resembling the home market also include Russia and the Baltic States. All products included, Nokian Tyres is the market leader in Finland and the third biggest supplier in Sweden and in Norway. The Nordic tyre market features roughly 80 competing brands. In Russia, the Nokian-brand tyres are among the best-known western tyres.

Nokian Tyres is the leading Nordic manufacturer of tyres and retreading materials. It owns the Vianor tyre chain - the largest in the Nordic countries - and it has sales companies in Sweden, Norway and Russia. A strong position in the strategically significant home market is a key success factor. Nokian Tyres is actively engaged in bringing innovative products to the market that are designed to perform well in Nordic conditions. The target



is a market leadership in high margin core products, such as passenger car winter tyres, high performance and ultra high performance summer tyres and certain specialised heavy tyres.

One market area with regional differences

Nokian Tyres considers Finland, Sweden and Norway as one single market while naturally respecting the country-specific dissimilarities. Winter tyres are compulsory in all three countries, and there are two peak seasons per year. Nevertheless, winter conditions are quite different in each country. In Finland, winters are usually much more snowy than they are in Norway, where the temperature remains mostly around zero (Celsius) and roads are heavily salted.

Differences in the winter weather are reflected in the demand for studded and nonstudded winter tyres. Studded winter tyres represented 83% of all the winter tyres sold in Finland in 2002, while in Sweden they accounted for 71%, and 55% in Norway. The use of studded winter tyres slightly increased in the Nordic countries. Owing to the winter tyre season, it is characteristic of the tyre trade in the Nordic countries that profits are concentrated on the final quarter of the year.

In the Nordic countries, performance tests conducted by trade magazines have a considerable effect on consumer behaviour. Nokian Tyres has performed well in these tests year after year and scored top ratings especially in winter types and increasingly more in summer tyres. The test winner in 2002 was Nokian Hakkapelliitta Q, a Nordic type of non-studded winter tyre, which scored number one ratings in most of the remarkable published tests.

Strongest growth in Russia

Russia is a strong growth area and a strategically important one for Nokian Tyres. Approximately 30 million passenger car tyres are sold in Russia every year, roughly 7 million being winter tyres. Over the next five years, Nokian Tyres expects the overall market to double and the winter tyre market to triple.

The growth is boosted by the increase of domestic car manufacturing and the rapidly



High performance -segments compared to summer tyre markets in the Nordic countries total



summer tyres V

summer tyres W/Y/Z

summer tyres total

Nokian Tyres in the Nordic countries by product area Passenger car tyres

The market share of





Source: ERMC + Nokian Tyres 2002

* In this annual report, the Nordic countries refer to Finland, Sweden and Norway.

growing import of foreign cars.

The Russian tyre industry is facing a period of transition and the reformation process has started. New products are entering the market and factories are being modernised. Currently, the majority of the Russian tyre manufacturers produce so called C-segment tyres with lower quality and price levels used mostly in Russian brand cars. Users of western cars mainly rely on higher grade imported tyres representing the A-segment. A-segment is satisfied by imported brands of all global tyre manufacturers. Nokian Tyres has the highest share of all imported tyres. B-segment tyres represent the medium quality and price level tyres, and they will obviously replace the C-segment tyres in line with the development of the Russian tyre manufacturing. B-segment consists of global manufacturers' second category brands as well as Nokian Tyres' Nordman brand manufactured in Russia since the autumn 2002. Nokian Tyres has sold tyres to Russia since 1964, and at best, Russian trade accounted for 10% of the parent company's net sales. In 2002, sales to Russia and other CIS countries were up 25% on the previous year.

Nokian Noktop retreading materials enhance the service capacity

Wear resistance is the most valued property for professional drivers in the Nordic countries. The Nokian retreading materials are tested in Nordic conditions, which are very hard on surface grip and durability. Based on this testing experience, the company has developed rubber compounds that ensure good grip and high wear resistance, as well as optimal tread designs for different purposes. Nokian Tyres has gained market leadership in Nordic countries as a supplier of retreading materials. Nokian Noktop treads are popular products in particular.

Nokian Noktop retreading materials are made using environmentally safe rubber compounds. The highly polyaromatic oil (HA oil), commonly used in the tyre industry, has been replaced with an environmentally sound non-labelled oil, which contains less than 3% polyaromatic hydrocarbons. Nokian Tyres is the largest Nordic manufacturer of retreading materials, while the Vianor tyre chain is the number-one tyre retreader in the Nordic countries.

The market share of Nokian Tyres In the Nordic countries Passenger car winter tyres



winter studded winter non-studded

Source: ERMC + Nokian Tyres 2002

Excited about safety

Tyre advertisements must be original, against the mainstream of the sector's or all marketing communications. This has been one of Nokian Tyres' leading theses for years. The basic message of the Nokian brand is sustainable safety in Nordic conditions. Advertisements with the theme "Safety is boring" support this message in their own distinctive manner.

Investments in the construction of a distinctly profiling product image have proved successful: the brand has increased its awareness in the past few years particularly in Sweden and Norway. In Finland, awareness is almost 100%.





TURVALLISUUS VOI JOHTAA JÄNNITYESEN ETSIMISEEN ÄÄRIMMÄISISTÄ TEOISTA.

WARNING "The safety on Nokian Tyres can cause extreme action in the quest for excitement."

"I have always liked working with customers - probably because of my open and active character. Over the past year the entire tyre business has increased its prestige. In Vianor, I can feel proud of both our products and our parent company," explains Area Manager **Seppo Hartikainen**. In golf he finds the same elements that appeal to him in customer service: its social nature and meeting people. 1.1

To be the number-one tyre chain in the home market

Vianor 2002

- · Position strengthened and brand awareness increased
- · Market shares improved in the Nordic countries
- More synergy benefits for the manufacturing business
- Better customer service during peak seasons
- Vianor Finland's result all time high

Vianor is the biggest tyre chain in the Nordic countries with the most extensive geographical reach. It has unbeatable experience in Nordic conditions, and it knows the needs and expectations of the Nordic customers. Vianor provides its customers with all the basic tyre services as well as a large variety of related products and services. Vianor's target is to be the most profitable tyre chain in the world and the best-known player in its business.

Nokian Tyres' own tyre chain reveals the company strategy with the objective of securing its strong position in the home market, and of ensuring that Nokian brand tyres can enter to the strategically significant Nordic markets. With its own tyre chain, Nokian Tyres is able to develop new service concepts and to contribute to success in the whole retail business.

Small on the European scale, Vianor's home market is characterised by heavy seasonal fluctuations. Business tends to pick up dramatically towards the year-end, particularly in the final quarter of the year, largely due to the winter tyre season. Another special feature of this business environment is that there are only a few large tyre chains in the Nordic countries, which have been brought under the ownership of various tyre manufacturers.

Vianor is the only tyre chain to geographically cover Finland, Sweden and Norway. With a market share of 19%, Vianor is the market leader in the Nordic countries, with all products and services included in the figure.



* In this annual report, the Nordic countries refer to Finland, Sweden and Norway.

Major synergy benefits

The Vianor tyre chain offers Nokian Tyres more chances for profitable growth, and it consolidates the market position on Nokian brand tyres in the Nordic countries and the Baltic States. Own tyre chain provides Nokian Tyres with better opportunities for direct contact with the end-users of its products. According to the various studies, the brand and the salesperson's recommendations strongly affect a consumer's choice of tyre.

Through the chain, the company also receives valuable information for its service development activities and for tyre R&D and marketing. In return, Vianor stands to gain in many ways from its seamless co-operation with Nokian Tyres. Direct contact with the tyre manufacturer enables better flexibility and a faster response. It also translates into a controlled supplier-customer process from the manufacturer to the end user, not to mention co-operation in product development as well as efficient logistics and stock management (see p. 29).

The year 2000 was a period Vianor structure was built. In 2001 and 2002, measures taken to generate synergy benefits began to produce visible results. With the integration of the chain's operations, cost-efficiency and capital management have been improving.

Measures contributing to Vianor's improved profitability included the harmonisation of the product range, which enables larger bulk purchases and purchase benefits. Furthermore, standardised data and operations management systems sharpen the planning, monitoring and reporting procedures.

In Finland and Norway, the geographical reach of the Vianor chain is very close to the desired level. Meanwhile, in Sweden, the structure continues to be strengthened. In the near future, however, more attention is paid on improving the profitability of the business and on customer service than on expanding the tyre chain.

New service concepts

Vianor outlets serve a large customer base from passenger cars to heavy traffic and industrial machinery. Vianor provides tyre retreading service in eight outlets which are



Importance of car trade on the increase

The role of car trade as a retailing channel for tyres is increasing. In addition to summer tyres, the car dealing industry also serves as an important distribution channel for winter tyres.

To increase its sales volumes and its capacity for serving the car import business, Nokian Tyres decided to transfer the car dealing industry functions from Vianor to the parent company. This allows Vianor to focus on the selected core functions. The share of car trade represented approximately 13% of Vianor's Nordic sales in 2002. spread across Finland, Sweden and Norway. To even out the seasonal fluctuations and to boost sales, most sales outlets also provide services such as the oil change, wheel alignment, installing exhaust pipe and shock absorbers, and selling batteries. Services will, accordingly, account for an increasingly large part of net sales.

Vianor is making a determined effort to modernise the operating methods in the industry and to design new kinds of service concepts. Special attention is made on customer service during the peak seasons, when the demand for tyres is particularly high. The 24-hours service concept, taken into use in major towns in Finland, is a good example of concrete actions. The newest service concept also introduces so-called tyre hotels, where customers can leave their winter or summer tyres in storage until the tyres need to be changed again. The first tyre hotel was opened in Finland in autumn 2001, and the company plans to open more hotels in major cities across the Nordic countries. The service also includes a five-year tyre guarantee to purchasers of new tyres, which compensates the customer for a damaged tyre.

Product policy focused on a handful of brands

A significant part of Nokian Tyres' overall sales to consumers in the Nordic countries takes place through the company's established retail customers. Nokian Tyres strives to make the most of Vianor to improve the overall financial performance of the industry. In accordance with the harmonised product policy, all Vianor outlets offer a selection of tyres from all price ranges. Nokian brand tyres represent approximately 60% of the passenger car tyres sold. A product policy that is focused on just a handful of brands improves the inventory rotation.

Vianor became the bestknown tyre chain in Finland

Vianor has become the most well-known tyre chain in Finland. According to the latest surveys, the chain's top-of-mind awareness (the first one to come to mind) is 21% and total awareness 67%, the latter showing an increase of 9% from the previous year. Vianor chain has been operating in Finland since 1999.

In other Nordic countries the recognition of the chain is not as high as in Finland. However, thanks to increased marketing investments the chain has also improved its awareness in Sweden and Norway.

Source: Marketing Radar Ltd 2003

"Winter catches drivers by surprise"

Vianor increases its awareness by means of original and distinctive advertising. Vianor's marketing communication is aimed at establishing a character and personality for the Vianor brand, which attracts the customers to a Vianor tyre store. It is down to the stores to fulfil the brand-related promises with their services and products.

The Nordic advertising campaign centred on the theme "winter catches drivers by surprise". The objective was to motivate customers to purchase tyres before the onset of the busiest sales season.



The captions on the poster: The length of the braking distance took the entire family by surprise. Surprise yourself.

piration

"It is easier to succeed in the Russian market if you know something of the Russian and the former Soviet culture. My studies at the University of Moscow and the years of working in the city facilitate our export endeavours, at least on a personal level," says Exports Manager **Minna Tihinen**, whose weekly diary also has room for soft values, on a concrete level.

To be a strong player in the core products globally

Global markets 2002

- Nokian Tyres overall market shares in Europe improved
- Car winter and summer tyre markets increased rapidly in East Europe
- Demand for high speed and ultra high speed summer tyres increased
- · Demand for Nokian branded special heavy tyres increased
- The position of Nokian branded car and forestry tyres strengthened in the USA

Nokian Tyres ´ growth in global market is based on expertise in specific, narrow product segments. Competition in the global tyre market is fierce, which means that a small tyre manufacturer's opportunities lie in a niche-focused approach. Nokian Tyres is constantly searching for new markets and growth areas that allow it to benefit from its special knowledge, skills and strong expertise in Nordic conditions.

Outside its home market, Nokian Tyres' key markets include the Alpine region, East Europe and North America. These are regions and countries typified by conditions very similar to those in the Nordic countries: four distinct seasons, heavily forested, and driving conditions that place severe demands on the tyres. Nokian Tyres has its own sales companies in Germany, Switzerland and the USA. In other countries, products are sold through independent importers.

In 2002, Nokian brand tyres were sold in more than 60 countries.

Customised products

Nokian Tyres is the only manufacturer in the world to provide passenger car and delivery van winter tyres that are specially customised to accommodate the customer needs in selected market areas. One example of tailoring is the product concept developed particularly with the US market in mind. This all weather plus tyre is designed for use all year round, with special emphasis on the winter tyre qualities. The winter tyre selection also offers light truck tyres for the US market. Meanwhile, the summer tyre range was expanded by introducing low profile, high performance and ultra high performance tyres. Demand



for winter tyres and high speed summer tyres has picked up in Europe and the USA.

The heavy tyres product area also offers good examples of successful core product groups that have sold well around the world. Heavy tyres in general are global products, in other words the same tyres can be sold anywhere in the world. Examples include forestry tyres in which Nokian Tyres has been a globally important player since the 1960's.

The heavy tyres market in general is very sensitive to economic fluctuations, and the truck tyre market, for instance, is susceptible to aggressive price competition. Nokian Tyres has been able to decrease its market vulnerability and, to some extent, avoid the toughest price competition by focusing on selected niches and new speciality products, and by identifying new sales opportunities in the replacement markets. The demand for radial tyres has increased in the past few years, and Nokian Tyres has made investments to advance this type of production technology.

The niche strategy adopted at Nokian Tyres provides guidelines and consistent support for the business operations of the heavy tyres product area. In the forestry machinery segment, the main focus is on tyres designed for machinery that deploys the CTL (Cut to Length) method, which was developed in the Nordic countries. Nokian Tyres is the global market leader in the CTL machinery tyre segment. This environmentally friendly logging method is gaining popularity also outside Europe. In truck tyres, the selected core area is winter tyres, which is supported by producing summer tyres.

In the heavy tyres product area, co-operation with machine and equipment manufacturers is very intensive. Original equipment installations represent roughly 40% of the product area net sales.

Nokian retreading materials have done very well in the Nordic countries, providing excellent references when seeking new customers in Europe and North America. The target is to strengthen the position in Europe as a manufacturer of prevulcanised treads for truck tyres.

Bicycle tyre sales concentrate on narrow speciality niches around the world. For example, Nokian downhill tyres are increasingly popular in the North American and Japanese markets.

Registration of new passenger cars in the EU-countires



Source: ACEA 2002

Forestry machinery markets on the increase

Global markets have seen an upturn in the demand for forestry machinery. In particular, the market for cut to length (CLT) machinery revived in the latter half of the year, which boosted the demand for Nokian brand forestry tyres.

Nokian Tyres is the market leader as a CTL machinery tyre supplier. The company's strong position is based on several decades of product development co-operation with the leading machinery manufacturers. The share of forestry tyres accounts for approximately one third of net sales in the heavy tyres product area.



A new product for medium-sized forestry machinery

Nokian Tyres' newest forestry tyre, the Nokian Forest King F, is an environmentally friendly and powerful tyre for mediumsized forestry machines that weigh more than 14 tonnes.

The breadth of the tyre increases stability and saves the ground by decreasing surface pressure exerted on the terrain.

Manufactured in two sizes, the tyre was introduced to global markets in the autumn 2002.

Flotation radial grows fastest

The Nokian flotation radial tyres are the fastest growing product group in the heavy tyres product area. The tyres are principally used on agricultural machinery and trailers. Nokian Tyres has the largest product range in the product area and the company is one of the leading developers of these special tyres.

Investing in logistics, optimised production and off-take production

Operating in the global market is particularly challenging for a small Nordic tyre manufacturer. In most cases, the geographical distance from the production plant to the retailer is long, making the tyre deliveries more expensive. Yet the customers require fast and reliable deliveries without the liability involved in large stocks. Moreover, managing an extensive product range brings another challenge into the tyre manufacturing process. In fact, when pursuing growth and a sharper competitive edge in the global tyre market, the key development priorities include managing the whole logistics chain, optimising own production and exploiting off-take production even more efficiently.

Close co-operation with key customers

In order to grow globally, the supply chains need to be developed to match Nokian Tyres' specialisation strategy. The company is looking for distribution partners with suitable expertise and existing end user connections to reach direct customers in narrow specialised fields. Among the targets is to intensify co-operation with the key customers, e.g. by increasing their participation in planning product ranges.

Against the mainstream with niche strategy

The bicycle tyres product area strengthened its market position in the selected narrow product segments, such as downhill and all terrain tyres, as well as winter tyres with key markets in Northern America, Central Europe and Japan.

Nokian Tyres' niche strategy proved successful. The product area increased its volume and profitability, regardless of the decrease in bicycle sales particularly in Europe.

In addition to special products, the product area was also able to solidify its position in the standard tyres product group. The positive development was due to investments in research and development as well as the distribution chain.

"Almost perfect"

Launched in the summer, the Nokian NBX 2.1 all-terrain bicycle tyre was the company's most sold all-terrain tyre by the end of the year. The popularity of the tyre was boosted by test wins in international bicycle magazines, achieving such characterisations as "almost perfect". The main market areas of the new tyre are Northern America and Central Europe.



inspiration

"Searching for innovation, discovering, the joy of success! All this describes the product development process at its most inspiring. The development of a new tyre takes years, with also some frustrating moments. However, it is inspiring that the importance of technical product development and design in particular is increasing," says Production Development Engineer **Jouni Raatikainen**. The young product developer is boosting his creativity and inventiveness by further studies in design.

Leading expertise and R&D excellence in core products

R & D 2002

- Share of new products 44 % of net sales (car tyres)
- New winter tyre Nokian WR for Central European markets
- New summer tyres, Nokian NRVi ja NRY launched to the summer tyre top segment
- Good performance in trade magazines tyre tests

One of the driving forces behind Nokian Tyres' success is its ability to come up with innovative products and services that give genuine added value to customers, and its ability to reinvent its product range faster than other players in the field. The constantly renewed product selection allows the company to consolidate its position and maintain the desired price and margin level in the tough competitive situation. A successful product launch can increase margins by dozens of percentages compared to the old products.

The main objective of the R&D work carried out at Nokian Tyres is to continue to strengthen the company's position as the best winter tyre and forestry tyre manufacturer in the world. The key R&D principle has, in essence, remained the same for as many as 70 years: in developing tyres, the company focuses especially on drivers in Nordic conditions, drivers who appreciate and demand uncompromised tyre safety through all seasons in all driving circumstances. Research and development is guided by the principle of sustainable safety: the safety properties of a tyre should remain almost intact even as the tyre wears. The goal is to keep customers satisfied with the tyres they have purchased for their entire life span.

New technology innovations are constantly developed to improve safety. Besides being safe and economic, Nokian Tyres wants to emphasise that its products are advanced, individual and innovative. Solutions that generate added value for a product are always noticed on the market, and they mark one brand out from another.

The R&D team is continuously improving the efficiency of its innovation processes with the objective of putting its ideas into profitable commercial use. The driving safety

The green birch-leaf tyre scouts future trends

Nokian Tyres has developed a new concept tyre that has a tread decorated with birch leaves. This experimental product reflects innovation, technical expertise and environmental friendliness. The new manifestation of colour and form has toured tyre and car fairs and was received very positively.

The experimental, unconventional birch-leaf tyre is a functional product. Its structure and rubber compound are based on those of a non-studded winter tyre. The tyre is not in serial production.



Non-toxic oils also for summer tyres

Nokian Tyres is the world's first tyre manufacturer to start using the so-called non-toxic oils in the manufacture of passenger car summer tyres. The tyre tread is applied with a new type of rubber compound, where the toxic high aromatic (HA) oil has been replaced with a non-toxic, so called non-labelled oil. The company aims to replace all HA oils currently used in production with non-toxic oils.

The tyre compounds typically contain HA oils as softeners; these oils are classified as harmful owing to the PAH (polyaromatic hydrocarbon) compounds they contain. The new oil Nokian Tyres uses contains so few PAH compounds (less than 3%) that it has not been classified as toxic.

In the manufacture of Nordic winter tyres, Nokian Tyres switched over to non-toxic oils in 1999, gradually replacing the traditional HA oils with nontoxic varieties. indicator, the info pin and the grip-enhancing silica tread compounds are all recent examples of inventions that improve tyre safety and driving comfort. The Vianor tyre chain provides Nokian Tyres with immediate feedback and valuable comments from customers, which will help steer R&D efforts into a direction that meets customers' wishes.

Sharply focused specialisation and customer needs point the way for research and development

Tyre development requires a great deal of carefully focused planning. Different market areas need their own customised products, in other words precision innovations. Markets and consumer groups are becoming more and more heavily fragmented. The R&D team keeps close track of the movements and changes in consumers' needs. This allows Nokian Tyres to anticipate trends and to offer consumers the products they want.

With the increased performance capacity of passenger cars, the demand for low profile, high speed tyres has grown considerably in the past few years. Particularly in this segment, Nokian Tyres has introduced new products that have enjoyed good market success.

In the heavy tyres product area, special emphasis is placed on radial tyres. Thanks to the product development work conducted with heavy tyres, Nokian Tyres was able to launch a record number of new products onto the market during the last few years. New tyres were developed for forestry machinery, trucks and army vehicles alike.

Retreading materials development draws on the vast range of tyre technology know-how and expertise accumulated at Nokian Tyres. Sound knowledge of rubber compounds allows the tread product design to be strengthened so that the company is always able to offer exactly the right compound that ensures the grip and wear resistance of the tread.

The bicycle tyres unit concentrates on providing maximum balance in its product range to improve profitability. Besides special products, the selection of standard tyres is being upgraded to meet the consumers' needs.

One of the latest achievements of Nokian Tyres' safety-driven product ideology is the RoadSnoop pressure watch. It promotes safe and carefree driving by providing the driver with information on tyre pressure and temperature and warns the driver of slippery road surface and changes in the weather over a radio receiver without the need to install any

Two new summer tyres in the top segment

Nokian Tyres has developed two new summer tyre series for the maximum performance categories. The new tyres for fast driving, Nokian NRVi and Nokian NRY, are suitable for extreme speeds and demanding driving. Summer tyres for fast driving are the most strongly expanding product segment in the summer tyres product range. The new tyres are targeted at Central Europe, the USA and the Nordic countries. Customer sales will begin in the spring of 2003.



The silent Nokian NRVi prevents aquaplaning

The Nokian NRVi is a highperformance, V-speed category tyre (240 km/h) designed for fast driving.

When the tyre was developed, special emphasis was placed on low noise levels as well as on its aquaplaning and wet grip properties. Several new solutions were developed for the structure, material and design of the tyre. Another novel feature is the tyre's info field, which facilitates servicing and provides increased comfort for the driver. The tyre is manufactured in 19 sizes.



Nokian NRY for top speeds

Nokian NRY is an extremely high performance tyre with a maximum speed of 300 km/h.

The structure of the tyre is designed for high speeds and great wheel loads; the tyre's load index is four load indexes higher than standard passenger car tyres. The silver-grey stripes of its main grooves give the tyre style. The Nokian NRY is available in 6 sizes, including the original sizes of Mercedes-Benz, BMW, Daimler, Jaguar and Cadillac. extra equipment inside the vehicle. Production start-up of the pressure watch has taken longer than expected. However, the product has got much attention in the market and the advance order book is large. The consumer sales of the product will begin in 2003.

Own test facilities in the town of Nokia and in Ivalo, in Lapland

Nokian Tyres invests approximately 2,5% of its net sales in product development. The corresponding figure in car and van tyres is 4% of the product area net sales. The company has set a target according to which the share of new products should reach the minimum of 25% of net sales every year. Due to this there are tens of different product development projects on process in the R & D department. The development of a completely new product takes 2-4 years.

Approximately 50% of the research and development costs are invested in testing. The majority of winter tyre testing takes place in the world's northernmost tyre testing centre. It is located in Ivalo, about 300 kilometres north of the Arctic Circle and test area is about 700 hectares. The tests are made in Ivalo during 5-6 months per year. The driving conditions created allow simulations of the most demanding extreme conditions.

The test facility in the town of Nokia covers some 30 hectares and is mainly used for summer tyre testing. It permits the simulation of almost all handling situations and driving conditions occurring in the Nordic climate region. An automatic sprinkler system is probably one of a kind in the world. Other test facility equipment includes a pass-by noise-measuring unit. This allows conducting measurements in order to achieve the pass-by noise EU directives valid from the beginning of the year 2003.



Nokian Tyres invests approximately 50 % of the research and development costs in testing. This scenery is from the world's northernmost tyre test centre, Nokian Tyres' test facility located in Ivalo, Finland.

Nokian WR is the world's fastest winter tyre

Nokian Tyres' new high-performance winter tyre is the Nokian WR. One size in particular is suitable for top speed driving at 270 km/h.

The Nokian WR is particularly designed for the needs of drivers in Central Europe, and as a product in what is known as the all weather plus category, also for the North American markets. The product is manufactured for segments, which clearly show a stronger growth in the tyre markets than other areas.

Introduced to the market in autumn 2002, a special emphasis was placed on the tyre's handling and wet grip properties. The Nokian WR tread has a new full silica compound that considerably increases the tyre's wet grip and tread wear.



The German Auto, Motor und Sport magazine (25/2002) in its test rated the 17-inch Nokian WR tyre as the best fast winter tyre in the market. The magazine tested seven leading brands.

"People are the best! I am very happy here, and working in three shifts suits me. During my 33 years with the company I have moved forward in my career, thanks to the training provided by the employer. I also highly value the opportunities for exercise provided by the employer," says Shift Manager **Terttu Raudasoja**, who also has enthusiasm left over for travelling, yoga, Latino dances and baking.

setter.

Profit growth through high productivity and the best customer processes in the business

Processes 2002

- Passenger car production volumes increased and productivity improved
- Material costs decreased
- Previous investments were brought fully on line
- · Delivery capacity improved markedly due to the new logistics centre
- Customer services improved, particularly during the peak season
- Information systems were developed

Nokian Tyres seeks to enhance the efficiency and profitability of its operations by continuously improving its logistics processes, overall quality and productivity. Operations are organised to offer optimal support for personnel providing customer service.

In 2002, the company was able to take full advantage of its logistics strategy. The integration of the purchasing, storage, logistics and customer service functions into a single Logistics and Purchasing department as well as the extensive investments in production and logistics proved successful. 2001 saw the completion of the Company's largest investment ever, the extension of the mixing plant and the new logistics centre.

Delivery records

More than ten years old, Nokian Tyres' satellite storage system was dismantled and storage was concentrated in three locations. The largest by far is the new logistics centre in Nokia. Brought fully on line in spring 2002, the centre has a storage capacity of 600,000 tyres and an annual stock turnover of five million tyres. Operating on the FIFO (First-In First-Out) principle, the centre is equipped with state-of-the-art storage technology, including a wireless local area network and a truck terminal system.

In ten weeks, the shipping volumes of the new logistics centre broke all weekly records from previous years. The new daily shipping record totalled 41,000 tyres per day. In addition to increased shipping volumes, the fault tracking and identification process improved



significantly.

In addition to its improved delivery capacity, Nokian Tyres promoted the transparency and global visibility (GVi) of storage. In a pilot project launched by the Company, Vianor tyre chain will be able to deliver products from its own storage facilities to nearby retailers if necessary. The project aims at intensifying the transfer of real-time availability information between the parent company, the tyre chain and the sales companies. The pilot project supports Nokian Tyres' objective of enhancing its customer service with the help of electronic commerce.

More reliable and efficient purchasing

Nokian Tyres boosted its purchasing operations by promoting partnership co-operation models with major raw material suppliers. Co-operation on technological and operating level was intensified by the adoption of measures such as new contractual usages. The company has approximately 130 active raw material suppliers in 21 different countries.

Over five million passenger car tyres

Production volumes of the Nokia tyre factory increased in accordance with the investment plan and productivity processes. The annual production volume of passenger car tyres exceeded five million tyres. Two automated assembly lines and six curing presses were introduced at the factory to further increase the production. Investments in equipment and machinery totalled EUR 26.0 million in 2002.

The Nokian Tyres activity system meets the requirements of the ISO 9000 quality standard. The system will be certified in accordance with the requirements of the EN ISO 9001 standard.

Contract manufacturing on the increase

At the Nokia plant, Nokian Tyres is concentrating on manufacturing the company's key products, such as winter tyres for passenger cars, high performance summer tyres, forestry tyres and other special heavy tyres. The manufacture of other tyres will be increasingly carried out as contract production at other tyre manufacturers' plants all over the world.



Development of contract manufacturing

Sales MEUR	1999	2000	2001	2002
Cooper (USA)	5.9	5.5	2.5	3.4
Dunlop (England,				
Germany, France, Japan)	9.3	6.7	3.0	0.6
Gajah Tunggal (Indonesia)	1.5	2.3	1.3	2.4
Tofan (Romania)	0.3	0.1	0.1	-
Michelin (Poland, Hungary)	-	-	3.6	6.9
Amtel (Russia)	-	-	-	1.5
Total	17.0	14.6	10.5	14.8
% of net sales	5.3	3.7	2.5	3.1

The increase in contract production provides Nokian Tyres with additional capacity for the manufacture of its key products at its own plants, enabling the Company to offer its retailers and other customers a comprehensive product range.

Nokian brand passenger car tyres are manufactured in Indonesia, the USA and Slovakia as contract manufacturing, while Nordman brand passenger car tyres are manufactured in Russia. Nokian brand truck tyres, light industrial tyres and agricultural tyres are manufactured in Hungary and Poland, and bicycle inner tubes in the Czech Republic. In 2002, contract manufacturing represented 3.1% of net sales.

Modern production investments

The majority of Nokian brand tyres are manufactured at the Nokian Tyres plant in Nokia. The company also has a plant in Lieksa, which manufactures bicycle tyres. The Nokia plant has recently been expanded and its machinery has been upgraded extensively. The finishing touch is provided by Nokian Tyres' employees, who optimise the settings of the new equipment and machinery for the company's own products. The Nokia plant is one of the most modern plants in the industry in Europe. Nokian Tyres has scheduled investments of approximately EUR 130 million in the Nokia plant by 2007. The aim is to increase the annual production capacity to 6.5 million passenger car tyres. In 2002, production at the Nokia plant totalled 5.1 million passenger car tyres. The average daily production volume was 16.000 tyres.



The new logistics centre has an area of 32,000 m² and a volume of 400,000 m³. In addition to approximately 30,000 pallet spaces, the centre houses a tyre studding facility with an annual capacity of two million tyres.

"My youth left in me the spark for studying. Encouraged by my supervisor and with the employer's support, I started a project in my spare time that lasted four-and-a-half years and resulted in the degree of Master of Technology," says Industrial Relations Manager **Esko Valtonen**. As of 1 January 2003, Valtonen became the Security Manager.





AND DAMAGE

Competitive advantage from personnel development and environmental and safety responsibility

Personnel, safety and the environment 2002

- *The 10+ training programme was completed successfully*
- The e-learning abilities of the personnel were expanded with the help of NetCafé
- · On-the-job learning method was boosted
- Winner in the Finnish employers ' Management Development Institute 's (JTO) initiative competition for the sixth time in a row
- Nokian Tyres received the annual award for environmental management
- The SAFETY 24h project was completed successfully
- The company fulfilled its statutory responsibilities and the key environmental and safety indicators showed mainly positive development

Continued efforts to develop employees' skills and competencies and to improve the positive working climate are an integral part of Nokian Tyres' corporate culture. An active and enterprising attitude towards developing personal skills supports the selected strategy of focus, as well as the company's pursuit of conducting operations in an ethical and responsible manner.

In environmental and safety issues, Nokian Tyres has set its objectives beyond simply fulfilling the requirements of laws and regulations and acting under licence conditions. The company wants to be the pioneering force in the tyre industry and to achieve tangible competitive advantages through outstanding environmental and safety management.

Learning on the job, in the café and at the university

In 2002, the development of employees' skills and competencies was particularly focused on three areas that support the company's strategy: management, customer relationship management and rubber technology.

The two-year 10+ (Ten plus) training programme was completed by the end of the year. The programme involved over 300 employees working as supervisors or experts. Each



In line with the Hakkapeliitta spirit

Nokian Tyres develops its business culture in line with the Hakkapeliitta spirit that emphasises a spirit of enterprise, inventiveness and team spirit (see page 7). The Hakkapeliitta spirit manifests itself as crossing boundaries and continuous reinvention. The 'Young Hakkapeliittas' group was established last year to train future super-visors and leaders who promote and enhance the Hakkapeliitta spirit.

Average age 39 years, average duration of employment term 14 years

The average age of parent company personnel in 2002 was 39 years (39 in 2001). The average age for women was 41 years (41) and for men 38 years (38). The average age for workers was 38 years (38), and 43 years (42) for office employees.

The duration of an average employment term was 14 years (14). Roughly half of the personnel had worked for Nokian Tyres for more than ten years. The average employment term for workers was 13 years (13) and 16 years (15) for office employees.



The initiative programme is part of Nokian Tyres' management concept that encourages participation. The programme is based on the notion that each individual employee is the best expert when it comes to his or her own duties and work processes. The accumulated knowledge and ideas represent considerable intellectual capital which should be made available to the entire company.

1) Figures are for the parent company.

Educational background



Men Women

A = Comprehensive school

- B = Vocational school
- C = Vocational institute or polytechnic
- D = University or other institute of higher education

1) Figures are for the parent company.

33 NOKIAN TYRES 2002

employee participated in the programme for approximately 12 months. The programme was designed to clarify the strategic intent of the company and to enhance customer relationship management, supervisors' actions and common operating policies.

The translation of the 10+ training programme into good practices is ensured by work counselling, for example. Learning Café was introduced as a new form of work counselling. This refers to voluntary sessions under the leadership of occupational psychologists where the 10+ training programme participants share their experiences, develop new practices and improve their skills for development discussions.

NetCafé, a new e-learning format aimed at the entire personnel, was launched in the autumn. The purpose of the café is to introduce the personnel to network studies. The initial study content has included the strategies of the Group and various departments in the form of manageable training modules.

Nokian Tyres further developed the professional skills of its employees particularly through internal on-the-job learning. Both Nokian Tyres and Vianor want to boost apprenticeship training as a form of training leading to a wide range of qualifications. In the area of university level education, the highlight was the Master of Technology degree programme implemented in co-operation with the Tampere University of Technology. Executive MBA education organised by Lappeenranta University of Technology continued and the first graduates took their degree in the programme.

In addition to traditional study models, Nokian Tyres participated in joint competence development projects of the industry. Nokian Tyres was one of the founders of the TBC (Tampere Business Campus) project whose aim is to intensify learning and competence investments in the companies through networking. The first joint project by the TBC companies involved special vocational qualifications in management and technology.

Continuous improvement in environmental and safety issues

In its environmental and safety activities, Nokian Tyres has, by and large, been able to put the principles of continuous improvement into effect. They are in accordance with the European Union's EMAS (Eco-Management and Audit Scheme) regulations, the international ISO 14001 environmental standard and the decree governing the principles of



safety management (59/1999). The company understands environmental and safety issues in a larger context. Attention is paid to the entire life cycle of the product, from design to the utilisation of used products.

Although legislation has become increasingly restrictive, emissions remained within permitted limits. According to the report of Technical Research Centre of Finland (VTT), odour emissions from the factory remained below limiting values. Noise emissions have also been successfully eliminated.

Statistical information on the collection of energy waste was compiled in 2002 for the first time. The systematic collection of energy waste increased the level of waste utilisation and somewhat reduced the amount of municipal waste. The shutdown of the old scrap rubber storage was completed except for the final inspection. A study on the utilisation opportunities of non-vulcanised scrap rubber was launched in co-operation with the National Technology Agency TEKES and the Tampere University of Technology.

The number of accidents decreased somewhat. This was due to inputs in occupational safety communication, new and safer equipment and low recruitment.

Nokian Tyres participated in SAFETY 24h, a joint project by the chemical and rubber industries. The project involved the organisation of employee training and a health and safety exhibition. An attitude survey was also conducted during the project and an environment and safety guide was published. The project increased safety awareness among the employees and helped to pinpoint new development targets for safety at the plant.

Further information on personnel issues and environmental concerns of Nokian Tyres can be found on our homepages www.nokiantyres.com. The company publishes a separate report in accordance with the European Union's EMAS regulations at least every three years.



Share capital and shares

Nokian Tyres' share was quoted on the main list of the Helsinki Exchanges for the first time on 1 June 1995. The company has one class of shares, each share entitling the holder to one vote at the Annual General Meeting and carrying equal rights to dividend. The nominal value of each share is EUR 2.00. The minimum share capital stated in the articles of association is EUR 16,000,000 and the maximum share capital is EUR 64,000,000. Within these limits, the share capital may be increased or decreased without amending the Articles of Association. The company's share capital entered into the trade register was EUR 21,164,572.00 on 31 December 2002. By the end of 2002, a total of 10,582,286 company shares had been issued.

Dividend policy

The dividend policy adopted by the company's Board of Directors is to propose to the Annual General Meeting a dividend that reflects the company's profit development. In the past eight years, dividends paid to shareholders have represented approximately 35% of the year's net profit. The company plans to continue to distribute approximately 35% of net profits in dividends.

Market value of share capital



Share price development and trading volume in 2002

At the end of 2002, the price of Nokian Tyres' share was EUR 33.99, showing a decrease of 3.1% on the previous year's closing price of EUR 35.09. Meanwhile the HEX general index of the Helsinki Exchanges fell by 35%. At its highest, Nokian Tyres' share was quoted at EUR 37.50 and at its lowest at EUR 25.60 in 2002. During the year, a total of 5,941,641 Nokian Tyres' shares were traded at Helsinki Exchanges. At the end of the year, the market capitalisation of the share capital was EUR 359,691,901.14.

Authorisations granted to the Board of Directors

At the Annual General Meeting held on 3 April 2002, the Board of Directors of Nokian Tyres was authorised to make a decision within one year from the Annual General Meeting to increase the share capital with one or more rights issues. The Board of Directors also has the right to deviate from the shareholders pre-emptive right to subscribe for shares, provided there is a compelling financial reason. As a result of share issues arranged under the authorisation, the company's share capital may increase by a maximum of EUR 4.0 million. A maximum of 2,000,000 new shares may be issued each with a nominal value of EUR 2.00. At the end of 2002, the Board of Directors had no non-exercised rights to issue convertible bonds or bonds with warrants.

Ownership and acquisition of the company's own shares'

Nokian Tyres does not hold any of its own shares, nor is the Board of Directors authorised to acquire them.

Bond with warrants

In 2002, Nokian Tyres had one bond loan with warrants outstanding as a part of the company's management and personnel incentive scheme.

Bond loan with warrants directed at personnel

The Annual General Meeting of Nokian Tyres in 2001 decided to offer a bond loan with warrants to the personnel of the Nokian Tyres Group and the wholly owned subsidiary of Nokian Tyres plc. The bond loan with warrants amounts to EUR 0.4 million. A total of 10,800 type I bond certificates, 9,600 type II bond certificates and 9,600 type III bond certificates will be issued. 600,000 warrants will be attached to the bonds, 216,000 of which will be attached to the type I bond certificates and marked with the symbol 2001A; 192,000 will be attached to type III bond certificates and marked with the symbol 2001B; and 192,000 will be attached to type III bond certificates and marked with symbol 2001C.

The share subscription price for warrants 2001A shall be EUR 19,00, for warrants
2001B the trade volume weighted average quotation of the Nokian Tyres plc share in the Helsinki Exchanges between 1 October and 31 October 2001, i.e. EUR 25.94, and for warrants 2001C the trade volume weighted average quotation of the Nokian Tyres plc share in the Helsinki Exchanges between 1 April and 30 April 2002, i.e. EUR 30,43. The amount of the cash dividend distributed after 28 March 2001 but before the date of the share subscription shall be deducted from the share subscription price of warrants 2001A on the dividend record date. The price of shares subscribed for with warrants 2001B and 2001C shall be reduced by the amount of dividends paid after the commencement of the subscription, on the record date of each dividend payment.

The share subscription period for warrants 2001A shall begin on 1 March 2003, for warrants 2001B on 1 March 2004 and for warrants 2001C on 1 March 2005, and shall end on 31 March 2007 for all warrants. As a result of the subscriptions, the share capital of Nokian Tyres plc may increase by a maximum of EUR 1,200,000 and the number of shares by a maximum of 600,000.

The Board of Directors of Nokian Tyres plc approved the subscriptions for the bond loan with warrants directed to the personnel of the Nokian Tyres Group on 1 June 2001. The bond loan with warrants was subscribed for by 42% of the entire personnel. A minimum subscription of EUR 53.82 for each subscriber was approved. In addition, a subscription of EUR 65,634 to Direnic Oy, a subsidiary of Nokian Tyres plc, was approved for later offering to the present or future personnel of Nokian Tyres Group.

Bond certificates I and the attached warrants marked 2001A were offered to the subscribers of the 1999 bond loan with warrants provided that the warrant holder returns all his/her old 1999 warrants to the company. In the conversion, 433,800 old 1999 warrants were returned to the company. The total amount of the 2001 bond loan with warrants is EUR 403,651 and the maximum number of Nokian Tyres shares that can be subscribed for with the warrants between 1 March 2003 and 31 March 2007 is 600,000. The company cancelled a total of 433,800 1999 warrants, which have been returned to the Group in the conversion and entitle the holder to a subscription of 433,800 shares, as well as a total of 85,250 1999 warrants, which are in the possession of Direnic Oy, a wholly-owned subsidiary of Nokian Tyres plc, and entitle the holder to a subscription of 85,250 shares.

AN INCENTIVE SCHEME FIXED TO THE SHARE PRICE

In December 2001, Nokian Tyres plc announced the launch of an incentive scheme based on the company's share price development. The scheme covers those holders of the 1999 warrants who did not exchange their 1999 warrants for the new 2001 warrants in May 2001.

The new incentive scheme to replace the 1999 option scheme

The majority of the 1999 warrants was returned to the company and was subsequently cancelled in spring 2001 when the company issued new 2001 warrants. As a result, the remaining number of warrants marked A is 42,525 and warrants marked B 41,025. The new incentive scheme shall replace these warrants, after which the 1999 warrants shall no longer exist.

As a result, the total number of Nokian Tyres options given to personnel is 600,000. There were no other outstanding bonds with warrants or convertible bonds entitling to shares in 2002.

Management's shareholding

The Board of Directors and the President and CEO of Nokian Tyres held a total of 3,600Nokian Tyres' shares and 50,000 warrants on 31 December 2002. These shares represent 0.5% of the total number of votes.

Share issues 1995-2000

Method of share capital increase	Subcription period	Exercise price, in euros	New shares pcs	Payment date	New capital yhteensä	New share capital	Share capital after issue
					1,000 euros	1,000 euros	in euros
Personnel issue	29.5.1995- 2.6.1995	5.45	92,286	19 June 1996	503	155	16,974,007
Management bonds 1/95	1.12.1996- 31.1.1998	6.05	47,000	10 Dec 1996	284	79	17,053,055
Management bonds 1/95	1.12.1996- 31.1.1998	6.05	103,000	7 March 1997	623	173	17,226,288
Management bonds 1/96	1.12.1997- 31.1.1999	7.62	2,000	19 Dec 1997	15	3	17,229,652
Management bonds 1/96	1.12.1997- 31.1.1999	7.62	10,500	29 Dec 1997	80	18	17,247,312
Management bonds 1/96	1.12.1997- 31.1.1999	7.62	65,000	9 March 1998	495	109	17,356,634
Management bonds 1/96	1.12.1997- 31.1.1999	7.62	17,500	1 Dec 1998	133	29	17,386,067
Management bonds 1/95	1.12.1998- 31.1.2000	6.05	64,500	1 Dec 1998	390	108	17,494,548
Management bonds 1/95	1.12.1998- 31.1.2000	6.05	4,000	9 Dec 1998	24	7	17,501,276
Management bonds 1/95	1.12.1998- 31.1.2000	6.05	31,500	25 March 1999	191	53	17,554,255
Management bonds 1/95	1.12.1998- 31.1.2000	6.05	40,000	23 Nov 1999	242	67	17,621,530
Management bonds 1/95	1.12.1998- 31.1.2000	6.05	10,000	24 Nov 1999	61	17	17,638,349
Management bonds 1/96	1.12.1999- 31.1.2001	7.62	57,500	8 Dec1999	438	97	17,735,057
Management bonds 1/96	1.12.1999- 31.1.2001	7.62	37,500	3 April 2000	286	63	17,798,127

Share ownership by shareholder category



Nokian Tyres' major shareholders on 31 December $2002\,$

		Shares	% of shares and votes
1	Nokia Group	2,000,000	18.90
2	Ilmarinen Mutual Pension Insurance Company	566,550	5.35
3	Tapiola Mutual Pension Insurance Company	292,500	2.76
4	The Local Government Pension Institution	291,540	2.76
5	Varma-Sampo Mutual Insurance Company	218,445	2.06
6	Tapiola General Mutual Insurace Company	205,500	1.94
7	The State 's Pension Institution	202,500	1.91
8	The Finnish Cultural Foundation	125,200	1.18
9	Nordea Life Assurance Finland Ltd	124,200	1.17
10	Tapiola Mutual Life Assurace Company	116,400	1.10
Tota	al		39.15
For	eign shareholders		31.42

Share ownership brakedown 31 December 2002 (by number of shares owned)

Number of shares	Number of shareholders	% of shareholders	Shares	% of shares and votes
1-100	1,764	43.78	111,700	1.06
101-1 000	1,948	48.36	650,526	6.15
1 001-10 000	249	6.18	799,522	7.56
10 001-100 000	57	1.41	1,684,549	15.92
100 001-	11	0.27	7,335,989	69.31
Total	4.029	100.00	10.582.286	100.00



Index 25 December 1998 = 100, in euros 5.30

Nokian Tyres' share volumes on the Helsinki Stock Exchange 1 June 1995 - 31 December 2002



In its corporate governance, Nokian Tyres plc, complies with, in addition to current legislation, the jointly prepared guidelines of the Finnish Central Chamber of Commerce and the Confederation of Finnish Industry and Employers (TT), relating to the governance of publicly quoted stock companies. The Company also applies guidelines for insiders published by the Helsinki Exchanges. Furthermore, Nokian Tyres applies supplementary insider regulations of its own.

Board of Directors

Members of Nokian Tyres plc's Board of Directors are elected at the Annual General Meeting, which is held annually by the end of May. The Board of Directors members' term of office terminates at the end of the first Annual General Meeting following the elections. The Board of Directors selects a chairman from among its members, who will preside until the end of the following Annual General Meeting.

The Board of Directors comprises no less than three and no more than eight members. The Board of Directors is responsible for appointing the President and CEO, and for other duties referred to in the Companies' Act. The Board of Directors is also in charge of matters of long-term significance to the company, such as confirming the Group's business strategy and long-term plans. Furthermore, it approves annual plans, major investment projects and financial matters.

The Board of Directors is responsible for corporate governance and the appropriate conduct of ordinary activities in accordance with the law, the Articles of Association and the instructions given at the Annual General Meeting. The Board of Directors defines the principles governing the company's organisation, accounting and finance.

Remuneration payable to the Board of Directors members is confirmed at the Annual General Meeting. In 2002, remuneration to the Board of Directors members totalled EUR 76,000.

The Board of Directors met 5 times in 2002.

President and the Group management

It is the President's duty to run the Group's business operations, and to implement corporate governance in accordance with the instructions and guidelines provided by the Board of Directors. In managing the Group's operations, the President is assisted by a management group, the responsibility areas of which are indicated in the member presentation on pages 42-43. The President's decision concerning managerial personnel' s salaries and

Nokian Tyres plc Manufacturing, parent company Manufacturing Tyre chain sales companies sub-group Vianor Holding Oy Nokian Däck Ab Finland Sweden Nokian Dekk AS Vianor Oy Finland Norway Nokian Reifen GmbH Vianor AB Germany Sweden Nokian Reifen AG Vianor AS Switzerland Norway AS Vianor Nokian Tyres Inc USA Estonia 000 Nokian Shina Freibi Riepas SIA Russia 50%, Latvia Posiber Oy Finland

Nokian Tyres Group

other benefits as well as employee incentive schemes are subject to the Board's approval.

The Board of Directors makes decisions concerning the President 's salary and other benefits specified in a written agreement. The President is entitled to the same retirement rights as other personnel in Nokian Tyres. In 2002, the President held a total of 50,000 bonds with warrants and no Nokian Tyres' shares.

Organisation of business activities and responsibilities

Nokian Tyres Group 's business activities are divided into two areas: the manufacturing business and the tyre chain. The manufacturing business consists of four profit centres: Passenger and Delivery Van Tyres, Heavy Tyres, Bicycle Tyres and Retreading Materials. The tyre pressure measurement business conducted under the RoadSnoop name has been organised to form a separate profit centre. In addition, the Group 's areas of responsibility have been divided into units, the purpose of which is to produce the services required by all profit centres. The profit centres are each responsible for their business area and their financial performance balance sheet and investments, and for these purposes they can benefit from the Group 's support services. The Group 's sales companies provide marketing services and serve as product distribution channels in local markets. The tyre chain is organised into a separate sub-group. The parent company of this sub-group is Vianor Holding Oy, which is 100% owned by the Nokian Tyres Group 's parent company, Nokian Tyres plc. The tyre outlets operating in each country are part of the sub-group. A general legal outline of the Group structure is presented in the diagram above.

Finance and control

The parent company 's Finance and Control unit is responsible for internal and external accounting, and its tasks also include producing financial information concerning the business areas and ensuring the accuracy of this information. The parent company 's Finance and Control unit defines the Group 's common accounting principles and policies, and is in charge of consolidating the business areas 'figures to produce Group-level financial information. Under the parent company 's Finance and Control unit's supervision, each legal Group company produces its own information in compliance with the instructions provided and in line with local legislation.

Financing

The parent company is responsible for Group financing. Long-term loan arrangements with parties outside the Group require the Board of Directors' approval. Short-term liquidity management is handled at the parent company, which controls the cash flows of the Group's subsidiaries. Internal cash flows of the Group are booked as net, and transferred using a Group payment arrangement twice a month. The parent company provides funding to the subsidiaries using intra-Group loans. The Finance and Control unit is organised in accordance with the financial policy adopted by the Board of Directors and the operating procedures it has defined.

Auditing

The auditor elected at the Annual General Meeting is KPMG Wideri Oy Ab, authorised public accountants, with Mr. Matti Sulander, Authorised Public Accountant, acting as the auditor with principal responsibility. In accordance with the existing regulations, he will also report all audit findings to the Group 's management.

Risk management

The purpose of risk management is to identify any risks to the company's activities, assets and personnel, and to minimise any damage. Risk management responsibility is distributed between various companies, which are also in charge of maintaining the insurance cover.

Insurance administration and co-ordination are carried out with the assistance of experts from outside the company. More details regarding financial risk management are given on page 61.

N O K I A N T Y R E S ' M A N A G E M E N T

M E E T I N G S / M E M B E R S

The management meetings constitute the key management forum at Nokian Tyres. The meetings are also attended by representatives of the personnel groups.

> Antero Turunen, 57 (left) Heavy tyres and bicycle tyres

Antero Juopperi, 48 Passenger car and delivery van tyres

Seppo Kupi, 52 Vianor

Kim Gran, 48 President and CEO





Tomi Lundell, 42 (left) RoadSnoop

Deniz Bavautdin, 49 Sales

Ari Maunula, 36 Retreading materials

Jyri Nousiainen, 34 (left) Chief shop steward

Risto Järvinen, 38 Union of salaried employees

Janne Nyblom, 32 Senior office employees

*Sirkka Hagma*n, 44 Personnel and security *Esa Eronen, 45 (left)* Production services

Raimo Mansikkaoja, 40 Information technology

Kari-Pekka Laaksonen, 35 Logistics and purchases





Raila Hietala-Hellman, 50 (left) Communications and Investor Relations

Rami Helminen, 36 Finance and control



Teppo Huovila, 39 (left) Product development

Mika Savolainen, 31 Corporate planning and development

Figures in million euros unless otherwise indicated	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993
Net sales	479.2	423.4	398.5	322.6	251.3	211.6	192.6	187.2	164.2	143.5
growth, %	13.2%	6.3%	23.5%	28.4%	18.7%	9.9%	2.9%	14.0%	14.5%	18.3%
Operating profit before depreciation	95.0	81.9	68.4	61.9	47.5	39.2	32.7	28.2	24.9	22.7
Depreciation according to plan	34.9	31.3	28.9	19.8	14.3	11.7	9.2	8.0	7.7	7.2
Operating profit	60.1	50.5	39.4	42.1	33.2	27.5	23.5	20.2	17.2	15.5
% of net sales	12.5%	11.9%	9.9%	13.1%	13.2%	13.0%	12.2%	10.8%	10.4%	10.8%
Profit before extraordinary items and tax	48.0	37.0	27.2	35.9	29.3	25.1	20.0	16.2	13.3	10.8
% of net sales	10.0%	8.7%	6.8%	11.1%	11.7%	11.8%	10.4%	8.7%	8.1%	7.6%
Profit before tax	48.0	37.0	27.2	35.5	29.9	25.1	20.0	15.2	13.3	12.2
% of net sales	10.0%	8.7%	6.8%	11.0%	11.9%	11.8%	10.4%	8.1%	8.1%	8.5%
Return on equity, %	16.9%	14.3%	13.7%	23.6%	22.7%	21.9%	21.3%	20.5%	19.5%	18.7%
Return on capital employed, %	17.1%	14.3%	12.1%	16.9%	19.8%	21.5%	20.8%	20.2%	18.1%	17.7%
Total assets	450.9	459.8	464.0	391.8	269.3	188.1	171.0	154.0	145.2	129.0
Interest bearing net debt (1	122.5	158.2	182.1	170.4	94.2	39.6	35.4	32.2	44.9	42.1
Equity ratio, %	38.9%	32.4%	28.3%	30.9%	37.1%	45.2%	41.9%	39.6%	36.5%	36.4%
Equity ratio, % ⁽¹	46.9%	40.2%	36.1%	30.9%	37.1%	45.2%	41.9%	39.6%	36.5%	36.4%
Gearing, % (1	57.9%	85.5%	108.9%	140.6%	94.3%	46.6%	49.4%	52.8%	84.7%	89.7%
Cash flow from operations	69.3	70.8	26.6	22.3	21.2	$24.6^{(2)}$	17.0(2	19.3 ⁽²	$21.2^{(2)}$	10.0(2
Gross investments	26.0	45.3	67.5	85.7	72.7	25.7	17.7	13.0	14.4	8.8
% of net sales	5.4%	10.7%	16.9%	26.6%	28.9%	12.2%	9.2%	6.9%	8.8%	6.2%
R&D expenditure	8.5	8.3	8.3	7.8	6.6	5.6	5.0	4.3	4.0	3.4
% of net sales	1.8%	2.0%	2.1%	2.4%	2.6%	2.7%	2.6%	2.3%	2.5%	2.4%
Dividends (propo		8.8	6.9	9.0	7.6	6.0	4.9	4.1	3.4	3.4
Personnel, average during the year	2,663	2,636	2,462	2,023	1,620	1,358	1,329	1,350	1,240	1,126
PER SHARE DATA										
Earnings per share, euro	3.17	2.38	1.88	2.51	2.04	1.68	1.40	1.17	0.97	0.82
growth, %	33.2%	26.9%	-25.2%	23.0%	21.3%	20.4%	19.8%	19.7%	19.4%	13.1%
Earnings per share (diluted), euro	3.13	2.37	1.88	2.51	2.04	1.68	1.40	1.17	0.97	0.82
growth, %	31.9%	26.5%	-25.2%	23.0%	21.3%	20.4%	19.8%	19.7%	19.4%	13.1%
Cash flow per share, euro	6.55	6.69	2.52	2.14	2.05	$2.41^{(2)}$	$1.69^{(2)}$	$1.92^{(2)}$	$2.12^{(2)}$	$1.00^{(2)}$
growth, %	-2.2%	165.8%	17.8%	4.1%	-14.8%	42.9%	-12.2%	-9.4%	112.4%	-49.3%
Dividend per share, euro (propo	sal) 1.11	0.83	0.65	0.85	0.73	0.59	0.49	0.40	0.34	0.34
Dividend pay out ratio, % (propo	sal) 35.0 %	34.9%	34.7%	34.4%	36.3%	35.2%	35.1%	34.8%	34.5%	41.3%
Shareholders' equity per share, euro	16.57	14.08	12.41	11.47	9.69	8.30	7.06	6.04	5.30	4.69
Shareholders' equity per share, euro (1	19.97	17.48	15.81	11.47	9.69	8.30	7.06	6.04	5.30	4.69
P/E ratio	10.7	14.7	9.5	15.1	13.6	16.6	11.8	6.4		
Dividend yield, % (propo	sal) 3.3 %	2.4%	3.6%	2.3%	2.6%	2.1%	3.0%	5.5%		
Market capitalisation 31 December	359.7	371.3	189.4	398.6	286.4	285.7	167.5	74.7		
Average number of shares during the year, million unit	ts 10.58	10.58	10.57	10.42	10.30	10.22	10.09	10.05	10.00	10.00
diluted, million units	10.72	10.61	10.57	10.42	10.30	10.22	10.09	10.05	10.00	10.00
Number of shares 31 December, million units	10.58	10.58	10.58	10.54	10.32	10.24	10.14	10.09	10.00	10.00

1) capital loan included in equity

2) according to previous cash flow statement definitions

Definitions Return on equity, % =	Profit after financial items - taxes x 100 Shareholders' equity + minority interests (average)	Cash flow per share, euro =	Cash flow from operations Average adjusted number of shares during the year
Return on capital employed, % =	Profit after financial items + interest and other financial expenses x 100 Total assets - interest-free debt (average)	Dividend per share, euro =	Dividend for the year Adjusted number of shares on the balance sheet date
Equity ratio, % =	Shareholders' equity + minority interests x 100 Total assets - advances received	Dividend pay-out ratio, % =	Dividend for the year x 100 Profit after financial items - taxes
Equity ratio ⁽¹ , % =	Shareholders' equity' ¹ + minority interests x 100 Total assets - advances received	Shareholders' equity per share, euro =	Shareholders' equity Adjusted number of shares on the balance sheet date
Gearing ⁽¹ , % =	Interest bearing net debt ⁽¹ x 100 Shareholders' equity ⁽¹ + minority interests	Shareholders' equity per share ⁽¹ , euro =	Shareholders' equity(1 Adjusted number of shares on the
Earnings per share, euro =	Profit after financial items - taxes Average adjusted number of shares during the year		balance sheet date Share price, 30 December
		P/E ratio =	Earnings per share
Earnings per share (diluted ⁽²), euro =	Profit after financial items - taxes Average adjusted and diluted ⁽² number of shares during the year	Dividend yield, % =	Dividend per share Share price, 30 December
1) capital loan included in equity			

capital loan included in equity
 the bonds with warrants affect the dilution as the market price exceeds the defined subscription price

NET SALES AND PROFIT

The situation in Nokian Tyres' main markets and key products was more favourable than a year ago, although the uncertainty in the global economy continued to impact on the tyres business. The demand for passenger car winter tyres and high performance summer tyres, forestry tyres and special heavy tyres increased in the key markets. In Finland and Sweden the sales of new cars increased. The strongest growth areas for Nokian Tyres included the Nordic countries, Sweden in particular, as well as Eastern Europe, Russia and the USA.

Raw material prices were lower than the previous year throughout the year, but the last quarter saw an upturn in the prices.

Nokian Tyres Group performed well in 2002. Net sales were up and the operating profit improved both in manufacturing and in Vianor. Market shares in the main market areas increased remarkably. Co-operation between manufacturing and Vianor produced synergy benefits and the share of Nokian brand tyres increased in Vianor's sales. Production volumes increased and profitability improved, particularly in the passenger car tyre production.

In 2002 Nokian Tyres booked net sales of EUR 479.2 million (EUR 423.4 million), which is 13.2% more than in the previous year. Net sales from manufacturing grew by 14.5% and Vianor's net sales by 11.8% from the previous year. Invoicing from outside Finland accounted for 70% (68%) of the net sales. Sales in the Nordic countries increased by 10.8%, in Russia and other CIS countries by 25.0%, in Eastern Europe by 18.0% and in North America by 27.2% from the previous year.

Good sales mix, implemented price increases and improved productivity boosted the company's profitability. Raw material costs in manufacturing were 3% lower than the average prices in 2001.

The Group's fixed costs increased by EUR 19.6 million, or 13.0%, and totalled EUR 170.8 million (EUR 151.2 million). Fixed costs represented 35.6% (35.7%) of net sales. The tyre chain accounted for EUR 8.7 million of the fixed cost growth.

The Group's operating profit improved, totalling EUR 60.1 million (EUR 50.5 million). The comparable figure for 2001 includes EUR 3.9 million profits from the sales of fixed assets. Operating profit from the manufacturing business amounted to EUR 59.5 million (EUR 50.3 million) while Vianor's operating profit before goodwill depreciation was EUR 8.9 million (EUR 7.1 million). Goodwill depreciation amounted to EUR 7.9 million (EUR 7.5 million) and concerned Vianor. Net financial expenses were EUR 12.1 million (EUR 13.5 million) and represented 2.5% (3.2%) of net sales.

Profit before taxes was up to EUR 48.0 million (EUR 37.0 million). Net profit for the period improved, totalling EUR 33.6 million (EUR 25.2 million). Earnings per share were EUR 3.17 (EUR 2.38) i.e. 33.2% better than the previous year.

Return on net assets (RONA) was 15.0% (12.8%). Income financing after the change in working capital, investments and the sales of fixed assets (Cash Flow II) was EUR 70.1 million (EUR 22.5 million), showing an improvement of EUR 22.5 million from the previous year. Equity ratio rose from 40.2% to 46.9% and included the capital loan.

Product development costs totalled EUR 8.5 million (EUR 8.3 million), representing 2.7% of the net sales from manufacturing.

Over the year the Group employed some 2,663 people on average (2,636). Meanwhile, the parent company employed 1,334 (1,383) people.

At the end of the financial year the Group employed 2,585 (2,664) people and the parent company 1,340 (1,361). At the year-end Vianor employed 1,150 (1,213) people.

MANUFACTURING

Passenger car tyres

Net sales generated from the Nokian passenger car tyre business grew 17.5% from the previous year and amounted to EUR 242.8 million (EUR 206.6 million). The operating profit improved, totalling EUR 51.4 million (EUR 41.5 million).

Sales of Nokian passenger car tyres developed favourably in the key markets in Europe,



Operating result



Earnings per share (EPS)



Russia and the USA, and market shares improved. The development was particularly positive in Sweden, a significant target for the company because of the change in the competitive scene. Market shares also improved in Norway.

The demand for Nokian WR, the new winter tyre designed for Central European markets, was boosted by the top ratings in winter tyre tests of German magazines.

Approximately 100,000 Nordman brand winter tyres were manufactured at Amtel factories in Russia, which sold very well. Other contract manufacturing proceeded as planned.

Winter tyres and other products with high profit margins accounted for a large portion of total sales. Winter tyres represented 73% and new products 44% of the product area net sales.

The advantages of the own tyre chain and its special expertise were effectively utilised and special emphasis was given to customer service during the peak seasons. Thanks to intensified logistics solutions, seasonal delivery capacity improved considerably from the previous year.

In the course of the period the company introduced two new ultra high performance summer tyres for high performance cars, Nokian NRVi and Nokian NRY. The markets in this product segment are expanding strongly in Central Europe. The tyres will be available for consumers in the spring of 2003.

Production volumes increased from 4.8 million to 5.1 million tyres. Sales volume of the product area was 5.3 million tyres. Productivity (kg/man hour) improved by 5.6% from the previous year.

Heavy tyres

Net sales of Nokian heavy tyres business totalled EUR 55.0 million (EUR 51.3 million), showing an increase of 7.0% from the previous year. The operating profit improved, totalling EUR 4.7 million (EUR 1.7 million). The increased capacity usage in the production of core products and a better sales mix had a positive impact on the result.

The early months of the year saw an upturn in the demand for special heavy tyres, which increased towards the end of the year. The increase was strongest in the demand for forestry tyres and the special radial agricultural tyres. Tyres sold particularly well in the Nordic countries. Original equipment installation represented 40.7% of the net sales.

The annual output of the heavy tyres unit was 8,670 tons (8,782 tons in 2001). New products accounted for 10.3% of the product area net sales. Contract manufacturing proceeded as planned.

Bicycle tyres

Net sales from Nokian bicycle tyres totalled EUR 5.5 million (EUR 5.3 million), showing an increase of 4.8% from the previous year, while the overall market for bicycle tyres shrank by roughly 10%. The operating profit and the cash flow were positive and clearly better than a year ago. The positive result was due to active product development and the development of the distribution chain, as well as production efficiency boosting.

Sales focused on volume tyres sold both in the original equipment and replacement markets. Nokian Tyres consolidated its market position also in all-terrain bicycle tyres and other special tyres. The demand for studded bicycle winter tyres increased in the Nordic countries. Sales developed favourably in Sweden, Norway and North America, in particular.

New products accounted for 16% of the product area net sales. Manufacturing volumes at the Lieksa factory totalled 830,000 (815,000) bicycle tyres.

Retreading materials

Net sales from the Nokian retreading materials business was EUR 11.2 million (EUR 11.4 million), i.e. 2.2% less than a year ago, but the profitability in the product area improved from the previous year.

Demand for retreading materials was clearly slower than the previous year; in particular, the demand for car tyre retreading materials was weak. The sales of high margin



Passenger car tyres

Net sales — Production





Bicycle tyres Net sales and production MEUR million pcs



Net sales — Production



winter treads developed more favourably.

New products accounted for 7.8% of the product area net sales. Production volumes decreased from 4,727 tons to 4,326 tons.

VIANOR

Vianor's net sales grew by 11.8% on the previous year to EUR 216.2 million (EUR 193.4 million). Operating profit before goodwill depreciation improved, totalling EUR 8.9 million (EUR 7.1 million). Goodwill depreciation amounted to EUR 7.9 million (EUR 7.5 million). Cash flow II totalled EUR 10.3 million (EUR 18.4 million).

Both the winter and summer seasons were successful for Vianor and the chain increased its market share in all Nordic countries. The strongest increase was seen in the sales to car dealers and wholesalers. The demand for truck tyres picked up markedly towards the end of the year. Sales of agricultural tyres were also strong. The consumer prices, as well as Vianor's service prices, were raised.

During the year Vianor implemented significant streamlining measures, which were particularly successful at Vianor in Finland. The result of Vianor Finland was all-time high. In Sweden and Norway the streamlining measures are yet to be completed.

ROADSNOOP

The development and production start-up of the RoadSnoop pressure watch, demonstrated early in the year, has taken longer than expected. Interest in the product continues to be high and the advance order book is strong. Because of delayed production start-up, the sales target set for 2002 was not reached. The product is expected to enter the market during the first half of 2003.

INVESTMENTS

Nokian Tyres spent a total of EUR 26.0 million on investments in 2002 (EUR 45.3 million). Investments in production and operations accounted for some EUR 25.2 million. Vianor's investments amounted to EUR 3.0 million (EUR 11.1 million). In 2002 the majority of investments were moulds for new products, as well as machinery and equipment purchases to remove production bottlenecks.

OTHER MATTERS IN 2002

Authorisations granted to the Board of Directors

At the Annual General Meeting held in March the Board of Directors of Nokian Tyres was authorised to make a decision within one year from the Annual General Meeting to increase the share capital with one or more rights issues. The Board of Directors also has the right to deviate from the shareholders pre-emptive right to subscribe for shares, provided there is a compelling financial reason referred to in chapter 4, section 2a of the Companies Act. As a result of share issues arranged under the authorisation, the company's share capital may increase by a maximum of EUR 4 million. A maximum of 2,000,000 new shares may be issued each with a nominal value of EUR 2.

Nokian Tyres' cooperation with Amtel

In the summer, Amtel Holding Company (Russia) and Nokian Tyres plc (Finland) signed a letter of intent to form a 50/50 joint venture company for the purpose of manufacturing, marketing and selling premium brand tyres in Russia and the CIS countries.

The parties had earlier agreed to launch the contract manufacturing of Nordman brand tyres at Amtel factories in Russia in the autumn of 2002.

In December Nokian Tyres plc and the Russian company Amtel Holdings B.V. signed a joint venture agreement. The joint venture will organise and manage the development, production and sales of Nordman and Amtel brand passenger car tyres and light truck tyres in the CIS countries. The contractual arrangement is to be closed within 180 days of the signing of the contract.

The agreement means that the parties will form a joint sales company and Nokian



Return of capital employed

Vianor, net sales

MEUR







Tyres and Amtel will both have a 50% holding of the shares. The company will be called 000 Amtel-Nokian Tyres and it will be registered in Russia. The products sold by the sales company will be manufactured at the Amtel factories in Kirov and Voronezh in Russia and the Rosava plant in Belaya Tserkov in the Ukraine. The objective is to manufacture 900,000 tyres in 2003 and 3.6 million tyres in 2004. Amtel will have the main responsibility for manufacturing Nordman and Amtel brand tyres.

To improve the quality and capacity of the Amtel plants, investments of roughly EUR 25 million are needed at the Voronezh and Kirov plants in 2003 and 2004. The parties will arrange the financing together. The share of Nokian Tyres will amount to roughly USD 10 million.

Nokian Tyres and Amtel will further develop their partnership by establishing a new tyre factory in Russia. The objective is to increase production capacity and volumes for their joint sales company. The new production facilities will be used for manufacturing Nokian brand high-quality tyres. Nokian Tyres will have the majority and main responsibility for the new plant. The objective for the first phase is to achieve an annual production volume of 1.2 million tyres within two years of the final approval of the project agreement on the new plant.

MATTERS AFTER THE PERIOD UNDER REVIEW

Nokian Tyres and Matador to start contract manufacturing

Cash flow from operations



In January Nokian Tyres plc and Matador AS signed a contract manufacturing agreement. According to the agreement, Matador will begin manufacturing Nokian brand passenger car summer tyres in the S, T and H speed categories at its plant in Slovakia. Nokian Tyres will sell the products in the Eastern European countries and the tyres will form part of the Nokian Tyres product range.

With cooperation in contract manufacturing, Nokian Tyres is ensuring opportunities for growth in Eastern Europe, a strongly expanding market. At the same time, production capacity at the Nokia plant in Finland will become available for the manufacture of ultra high performance tyres.

The first tyres will enter the markets in the first quarter in 2003. The objective is for Matador to manufacture 100,000 tyres for Nokian Tyres in 2003 and to increase its production volume to 300,000 tyres in 2004-2005.

The agreement will be valid until the end of 2005 and to be renewed after that for one year at a time.





A new studded winter tyre for the Nordic and Russian markets

Nokian Tyres announced that it will introduce a new studded passenger car winter tyre, Nokian Hakkapeliitta 4. Targeted at the Nordic and Russian markets, the tyre will be available to customers in the autumn of 2003. When the tyre was designed, special emphasis was placed on the tyre grip and environmental issues.

The grip of Nokian Hakkapeliitta 4 is based on a number of creative solutions, such as new stud technology and structural solutions that improve driving stability. The new stud technology is called Nokian Eco Stud System 4 and there is a patent pending.

The grip properties are improved by the special rape-seed oil used in the tread mixture. In addition to the rape-seed oil, only low aromatic oils are used in the tread mixture.





OUTLOOK FOR 2003

Uncertain trends in the global economy and the pressure to increase raw material prices continue to reflect on the tyre industry. Raw materials prices are expected to go up by approximately 5% during the first quarter of the year from the corresponding period last year.

According to its strategy, Nokian Tyres will focus on expanding and profitable winter and forestry tyre markets and product areas. There are several opportunities for growth in the core areas and the company also holds an increasingly strong position in these areas. The demand for passenger car winter tyres, high-performance summer tyres and special heavy tyres is expected to further increase in Europe and Russia.

The company continues its operations in a profitable growth curve, aiming at outperforming the results of 2002 in terms of net sales and profit in 2003.

As in previous years, the first quarter will be weak. The demand for tyres in the domestic market is normally slow early in the year, while fixed costs that are not linked to sales will tax the profitability. The profits will be made during the second half, and particularly in the final quarter because of the winter season.

Nokian Tyres is well positioned to meet the growing demand in its core areas. Production capacity at the Nokia plant is increasing and productivity is improving. As contract manufacturing increases, more of the Nokia plant's capacity will be available for the manufacture of special products with high profit margins. Cooperation with Amtel will cement the market position in Russia, and the contract manufacturing of Nordman brand tyres will expand the sales in the strongly growing Russian market. Contract manufacturing in Eastern Europe provides the company with good opportunities for meeting the growing markets.

The product mix will further improve as it has been expanded with several new products in the top segments. The car summer and winter tyre novelties as well as the new heavy tyres will be available in the course of the year.

Vianor continues efficiency boosting measures. The share of own products will be increased and cost adjustment measures will be carried out, particularly in Sweden and Norway.

The aim is to improve return on capital and to limit the growth of fixed costs. Investments will be focused on removing production bottlenecks. Budgeted investments for 2003 total EUR 52.0 million. Investments will be production investments and moulds for new products. The figure also includes investments related to the joint venture established with Amtel in Russia.

Nokia, 18 February 2003

Board of Directors

GROUP AND PARENT COMPANY, PROFIT AND LOSS ACCOUNTS

		GROUP		PARENT	
				COMPANY	
in '000 euros 1.1 31.12.	Notes	2002	2001	2002	2001
Net sales	(1)	479,205	423,442	279,648	249,212
Total cost of goods sold	(2)(3)(4)	-275,510	-248,293	-178,500	-167,930
Gross margin		203,695	175,149	101,148	81,282
Selling and marketing expenses	(3)(4)	-117,678	-104,045	-25,784	-22,153
Administration expenses	(3)(4)	-9,179	-7,806	-7,312	-6,254
Other operating expenses	(3)(4)	-11,471	-10,267	-10,845	-10,167
Other operating income		1,957	4,391	130	3,353
Goodwill depreciation	(4)	-7,263	-6,905		
Total other costs		-143,634	-124,632	-43,811	-35,221
Operating profit	(5)	60,061	50,517	57,337	46,061
Financial income and expenses	(6)	-12,097	-13,469	-9,398	-9,893
Result before extraordinary items, appropriation	s and tax	47,964	37,048	47,939	36,168
Extraordinary items	(7)	0	0	-481	0
·					
Result before appropriations and tax		47,964	37,048	47,458	36,168
Increase in accumulated depreciation					
in excess of plan	(8)			-4,008	-7,240
Income tax					
Direct tax for the year		-14,083	-9,669	-11,562	-7,444
Change in deferred tax	(16)	-320	-2,188	-20	0
Profit applicable to minority shareholders		0	0		
Net result for the year		33,561	25,191	31,868	21,484

		GROUP		PARENT	
				COMPANY	
n '000 euros 31.12.	Notes	2002	2001	2002	2001
SSETS					
ixed assets and other non-current assets		40 840	10.005	0 = 40	- 10-
Intangible assets Goodwill	(9) (9)	12,518 40,758	13,967 47,777	6,740	7,407
Tangible assets	(9)	195,445	196,523	165,000	164,703
Shares in Group companies	(10)(11)	· ·		26,147	27,619
Shares in associated companies	(10)(11)	417	66	282	82
Shares in other companies	(11)	225	307	78	103
Total non-current assets		249,363	258,640	198,247	199,914
·					
Current assets Inventories	(12)	78,847	87,008	32,560	35,565
Long-term receivables	(13)	2,188	2,368	34,884	31,132
Deferred tax asset	(16)	5,837	5,201	2,362	2,381
Short-term receivables	(14)	94,201	88,316	121,416	122,006
Cash in hand and at bank		20,473	18,247	3,842	1,665
Total current assets		201,546	201,140	195,064	192,749
		450,909	459,780	393,311	392,663
IABILITIES AND SHAREHOLDERS' EQUITY					
hareholders' equity	(15)				
Share capital	(10)	21,164	17,798	21,164	17,798
Share issue premium		1,944	5,310	1,944	5,310
Retained earnings		118,706	100,732	41,770	29,069
Net result for the year		33,561	25,191	31,868	21,484
Capital loan		<u>36,000</u> 211,375	36,000 185,031	<u>36,000</u> 132,746	<u>36,000</u> 109,661
Total shareholders' equity		211,375	105,051	132,740	105,001
Minority shareholders' interest		0	0		
Untaxed reserves and provisions					
Accumulated depreciation in excess of plan				60,060	56,053
liabilities					
Deferred tax liability	(16)	21,271	20,335	0	0
Long-term liabilities	(17)				
interest bearing		98,032	136,976	97,352	136,061
interest-free		<u>140</u> 98,172	128 137,104	<u> </u>	<u> </u>
Short-term liabilities	(18)	00,112	101,101	01,001	100,001
interest bearing		44,898	39,449	61,816	48,675
interest-free		75,193	77,861	41,337	42,213
		120,091	117,310	103,153	90,888
Total liabilities		239,534	274,749	200,505	226,949
		450,909	459,780	393,311	392,663

GROUP AND PARENT COMPANY, CASH

FLOW STATEMENTS

	GROUP		PARENT	
			COMPANY	
in '000 eurtos 1.131.12.	2002	2001	2002	2001
Cash flow from operating activities:				
Payments received from sales	470,120	432,562	268,012	252,693
Expenses paid for operating activities	-378,802	-337,049	-199,531	-188,508
Cash flow from operating activities before the financial items and taxes	91,318	95,513	68,481	64,185
Interest paid and other financial expenses	-12,785	-15,732	-15,052	-13,885
Interest received from operating activities	1,247	1,434	5,438	4,909
Dividends reiceived from operating activities	10	37	7	9
Income taxes paid Cash flow from operating activities	-10,498	-10,418	-7,283	-7,462
before extraordinary items	69,292	70,834	51,591	47,755
Cash flow from operating activities (A)	69,292	70,834	51,591	47,755
Cash flow from investing activities:				
Acquisition of tangible and intangible fixed assets	-26,542	-47,749	-22,413	-40,320
Proceeds from sale of tangible and intangible assets	1,011	5,118	983	5,083
Acquisition of group companies, net of acquired cash		-2,042	0	0
Investments in other shares Cash flow from investing activities (B)	<u> </u>	-44,673	-183 -21,613	-35,221
cash now nom investing activities (b)	-20,190	-14,073	-21,013	-33,221
Cash flow from financing activities:				
Share issues	0	0	0	0
Change in short-term financial receivables Change in long-term financial receivables	-185 183	-309 5,240	9,342 -3,752	11,298 -5,649
Change in financial short-term debt	5,449	-30,965	-3,732	-23,181
Change in financial long-term debt	-37,533	10,997	-38,710	12,602
Dividends paid	-8,783	-6,879	-8,783	-6,879
Cash flow from financing activities (C)	-40,869	-21,916	-27,801	-11,809
Change in cash and cash equivalents				
(A+B+C) increase + / decrease -	2,227	4,245	2,177	725
Cash and cash equivalents				
at the beginning of the period	18,246	14,001	1,665	939
Cash and cash equivalents at the end of the period	20,473	18,246	3,842	1 665
	2,227	4,245	2,177	<u>1,665</u> 726
Notes to the cash flow statements				
Acquisition of group companies				
Cash flow from the acquisition				
Acquisition cost of the acquired companies	493	1,307	0	0
Cash and cash equivalents of the acquired companies	<u>s 154</u> 647	-1,100	0	0
	647	207	U	0

PRINCIPLES OF CONSOLIDATION

The consolidated financial statements include the accounts of companies in which Nokian Tyres plc, domicile in Nokia, owns, directly or indirectly through subsidiaries, over 50% of the voting rights and associated companies, where Nokian Tyres plc owns between 20 % and 50 % of the voting rights. Companies acquired during the financial year are consolidated into the profit and loss account from the date of the acquisition.

All internal transactions, unrealised internal margins in the internal transactions, internal receivables and liabilities and internal dividend distributions are eliminated as part of the consolidation process.

Minority interests are presented as separate items in the consolidated profit and loss accounts and balance sheets.

Acquisitions of companies are accounted for using the purchase method. A consolidation difference arises from the acquisition cost if it is more than the total equity at the moment of the acquisition. If the fair value of the assets exceeds the book value, the elimination difference is allocated to the acquired company's assets and is amortised according to the plan on the basis of the estimated useful life of the assets. The rest of the elimination difference is treated as goodwill and is amortised on a straight-line basis over its expected useful life. This varies between five and ten years depending upon the nature of the acquisition. The goodwill arising from the acquisitions of the retail companies between years 1998 and 2002 is amortised in ten years based on the longer than normal income expectations and the major strategic significance to the business operations of the Group. The same principles are followed, where applicable, when companies within the Group are merged or dissolved.

Investments in associated companies, where Nokian Tyres plc owns between 20% and 50% of the voting rights are reported according to the equity method of accounting. The Group's share of profits and losses of associated companies is DIRECT TAXES treated as selling and marketing expenses.

FOREIGN GROUP COMPANIES

All items in the balance sheets of foreign subsidiaries are translated into euros using the exchange rates published by the European Central Bank ruling at the financial statement date and in the profit and loss accounts, using average rates for the year. Translation differences arising from these are treated as part of consolidated shareholders' equity. Translation differences arising from the application of the purchase method are treated as part of consolidated shareholders' equity. The Group's policy is to hedge a portion of shareholders' equity in the foreign subsidiaries to reduce the effects of exchange rate fluctuations on the Group's net investments in foreign Group companies. Exchange gains and losses resulting from the hedging transactions are offset against the translation differences arising from consolidation and recorded in shareholders' equity.

INVENTORY VALUATION

Inventories are valued at the lower of cost and net realisable value. Cost is determined on a first in first out (FIFO) basis. In addition to the direct costs, an appropriate proportion of production overheads is included in the value of finished goods.

FIXED ASSETS AND DEPRECIATION

Fixed assets are stated in the balance sheets at

cost less depreciation according to plan. In the Parent Company, the accumulated difference between the total depreciation charged to the profit and loss account and depreciation according to plan is shown as a separate item in untaxed reserves.

Depreciations according to plan are calculated on the basis of the estimated useful life of the assets using the straight line method. The depreciation times are as follows:

Intangible assets	3 - 10 years
Goodwill	5 - 10 years
Buildings	20 - 40 years
Machinery and equipment	4 - 20 years
Other tangible assets	10 - 40 years

Land property, as well as investments in shares, are not regularly depreciated.

RESEARCH AND DEVELOPMENT

Research and development costs are charged to the other operating expenses in the profit and loss account in the year in which they are incurred. Certain significant development costs with useful life over three years are capitalised and are amortised on a systematic basis over their expected useful lives. The amortisation period is between three and five years.

PENSIONS AND COVERAGE OF PENSION LIABILITIES

Pension contributions are based on local, periodic actuarial calculations and are charged to the profit and loss account. In Finland the pension schemes are funded through payments to a pension insurance company. Foreign subsidiaries operate pension schemes for their employees in accordance with their local conditions and practices.

The consolidated profit and loss statement include the change in deferred tax and the direct taxes which are based on taxable profit of each company. These direct taxes are calculated according to local tax rules. The deferred tax liability and assets are recorded as separate items and are based on the prevailing corporate tax rate.

The profit and loss statement of the Parent Company include direct taxes based on the taxable profit and the change in deferred tax arising from temporary differences. The untaxed reserves of the Parent Company are shown in full in the balance sheet, and the deferred tax liability is not recorded.

FOREIGN CURRENCY ITEMS

Transactions in foreign currencies are recorded at the exchange rates ruling at the dates of the transactions. At the end of the accounting period unsettled balances on foreign currency transactions and forward exchange contracts are valued at the rates published by the European Central Bank as at the financial statement date.

Foreign exchange gains and losses relating to normal business operations and hedging gains and losses are treated as adjustments to sales and purchases. The exchange rate difference from hedging against estimated cash flow is accounted in profit and loss accounts under sales adjustment items when the cash flow is realised. Gains and losses associated with financial transactions and hedging are entered under financial income and expenses

	GROUP		PARENT COMPANY	
in '000 euros	2002	2001	2002	2001
1. NET SALES BY SEGMENTS AND MARKET AREAS				
1. NEI SALES DI SEUMENIS AND MARREI AREAS				
Manufacturing				
Car and Van tyres	242,849	206,622	215,766	187,591
Heavy tyres	54,954	51,339	47,497	45,325
Bicycle tyres and inner tubes	5,544 11,155	5,288	5,544	5,288
Retreading materials Total	314,502	11,401 274,650	10,841	11,008
Tyre chain	216,187	193,400		
Others and eliminations	-51,484	-44,608	0	0
Total	479,205	423,442	279,648	249,212
	445.050	100,000	=0.0=0	00.005
Finland	145,378	136,890	73,952	68,385
Other Nordic countries Baltic States and Russia	158,934 43,860	136,386 35,987	57,228 35,659	50,944 30,822
Other European countries	43,860 93,904	83,865	83,901	74,072
North America	32,065	25,207	24,009	19,881
Other countries	5,064	5,108	4,899	5,108
Total	479,205	423,442	279,648	249,212
	·			
2. TOTAL COST OF GOODS SOLD				
n	=0.000	50.010	=0.000	50.010
Raw materials	76,329	79,616	76,329	79,616
Goods purchased for resale Wages and social costs of goods sold	98,836 38,226	82,456 36,837	9,225 38,226	7,965 36,837
Other costs	25,400	31,335	26,742	20,401
Depreciation of production	17,258	14,253	17,258	14,253
Sales freights	11,300	10,911	7,715	7,497
Change in inventories	8,161	-7,115	3,005	1,361
Total	275,510	248,293	178,500	167,930
9 WACES SALABLES AND COSTAL EVDENCES				
3. WAGES, SALARIES AND SOCIAL EXPENSES				
Wages and salaries	79,157	74,026	41,921	40,265
Pension contributions	15,410	12,624	7,684	8,002
Other social expenses	18,094	18,041	13,055	12,889
Total	112,661	104,691	62,660	61,156
Demonstration of the membrane of the Decode				
Remuneration of the members of the Boards, President and Managing Directors on accr. basis	1,385	1,481	316	258
of which incentives	1,385	0	76	238
No special pension commitments have been granted to th				
Personnel, average during the year				
Production	1,077	1,077	1,077	1,077
Sales and marketing	1,413	1,381	84	128
Others	173	178	173	178
Total	2,663	2,636	1,334	1,383
4. DEPRECIATION				
Depreciation according to plan by asset category				
Intangible assets	2,182	2,416	1,193	1,041
Goodwill	7,263	6,905		
Buildings	2,135	2,307	1,665	1,633
Machinery and equipment	22,297	19,246	18,750	16,015
Other tangible assets	1,040	464	330	336
Total	34,917	31,338	21,938	19,025

	GROUP		PARENT	
. /000	2000	2001	COMPANY	2004
in '000 euros	2002	2001	2002	2001
The planned depreciation times are as follows:				
Intangible assets		3-10 years		
Goodwill		5-10 years		
Buildings		20-40 years		
Machinery and equipment		4-20 years		
Other tangible assets		10-40 years		
Depreciation according to plan is calculated on the basis	of the estimated u	seful life of the assets	s using the straigh	t line method.
Depreciation by function				
Production	19,326	16,730	19,326	16,730
Sales and marketing	5,999	5,612	283	204
Administration	928	884	928	884
Other operating depreciation	1,401	1,207	1,401	1,207
Goodwill	7,263	6,905		
Total	34,917	31,338	21,938	19,025
5. OPERATING RESULT				
Manufacturing	59,462	50,274		
Tyre chain	938	-466		
Eliminatios	-339	710		
Total	60,061	50,517		
	00,001	50,317		
6. FINANCIAL INCOME AND EXPENSES				
Dividend income				
			0	0
From the Group companies	10	07	0	0
From others	10	37	7	9
Total	10	37	7	9
Interest income, long-term				
From the Group companies			1,889	1,918
From others	114	132	71	99
Total	114	132	1,960	2,017
			_,	_,
Other interest and financial income				
From the Group companies			2,209	2,200
From others	1,155	1,151	604	420
Total	1,155	1,151	2,813	2,620
Exchange rate differentials (net)	-826	-323	-1,558	-319
Interest and other financial expenses			477	0.04
To the Group companies	40.000	10.001	-477	-364
To others	-12,099	-13,891	-11,917	-13,587
Other financial expenses	-450	-575	-226	-269
Total	-12,549	-14,466	-12,620	-14,220
Total financial income and expenses	-12,097	-13,469	-9,398	-9,893
7 EVTRAOBRIARY ITENO				
7. EXTRAORDINARY ITEMS				
The extraordinary items in the Parent Company in 2002	contain the dissol	ution loss arising from	m the	
changes in the Tyre chain group structure. The effect or	n the direct taxes is	s 139 thousand euros		
Dissolution loss	0	0	404	0
Dissolution loss Total	0	0	<u>-481</u> -481	0
IUtai	U	U	-481	0
8. APPROPRIATIONS				
Change in account 14 days to the				
Change in accumulated depreciation in excess of Intangible assets	plan		17	126
Intangible assets Buildings			17 970	867
Buildings				
Machinery and equipment Other tangible assets			3,085 -64	6,314 -67
			-04	-07
Total			4,008	7,240

9. FIXED ASSETS

in '000 euros

Intan	gible assets	Goodwill	Tangible assets				
			Land property	Buildings	Machinery	Other	Advances
					and	tangible	and fixed
					equipment	assets	assets under
Group							construction
Accumulated cost, Jan 1st 2002	20,240	72,410	4,121	83,794	232,965	3,852	4,330
Decrease/Increase	525	168	-79	107	21,625	261	156
Accumulated cost, Dec 31st 2002	20,765	72,578	4,042	83,901	254,590	4,113	4,486
Translation difference	176	51	41	515	1,202	-37	0
Accum. depr. acc. to plan, Dec 31st 2002	-8,423	-31,871	0	-19,679	-136,406	-2,067	0
Revaluation , Dec 31st 2002	0	0	0	744	0	0	0
Book value, Dec 31st 2002	12,518	40,758	4,083	65,481	119,386	2,009	4,486
Book value, Dec 31st 2001	13,967	47,777	4,116	67,642	118,160	2,276	4,330

The amount of the revaluation is based on the independent expert statements of the probable sales price of the buildings. The main principle used in revaluation is productive value.

Fixed assets under constructions contains capitalized development expenses total 1,487 thousand euros according to

resolution 50/1998 of MTI.

Parent Company		1				
Accumulated cost, Jan 1st 2002	10,188	634	61,380	201,241	3,449	4,274
Decrease/Increase	525	0	46	19,101	52	212
Accumulated cost, Dec 31st 2002	10,713	634	61,426	220,342	3,501	4,486
Translation difference						
Accum. depr. acc. to plan, Dec 31st 2002	-3,973	0	-11,693	-112,015	-1,681	0
Book value, Dec 31st 2002	6,740	634	49,733	108,327	1,820	4,486
Book value, Dec 31st 2001	7,407	634	51,352	106,347	2,097	4,274
Accum. depreciation in excess of						
plan, Dec 31st 2002	835		16,678	42,423	124	
Accum. depreciation in excess of						
plan, Dec 31st 2001	818		15,708	39,338	189	

GROUP AND THE PARENT COMPANY				· · · · · · ·	Parent company
	ownership	share ownership		ownership	share ownership
	%	%		%	%
Group companies			Group companies		
Vianor Holding Oy, Nokia, Finland	100	100	Nokian Däck AB, Sweden	100	100
Vianor Oy, Lappeenranta, Finland	100		Nokian Dekk AS, Norway	100	100
Vianor Russia Holding Oy, Nokia, Finlan	d 100		Nokian Reifen GmbH, Germany	100	100
Posiber Oy, Helsinki, Finland	100		Nokian Reifen AG, Switzerland	100	100
Rengasmestarit Oy, Kuopio, Finland	100		Nokian Tyres Inc., USA	100	100
Suonenjoen Rengashuolto Oy,			Nokian Tyres (North America) Ltd. , Canada	100	100
Suonenjoki, Finland	100		Nokian-Rosshina Tyre Holding Oy, Nokia, Fir	uland 100	100
Posiber Kiinteistöt Oy, Nokia, Finland	100		Direnic Oy, Nokia, Finland	100	100
AS Isko, Viro, Estonia	100		Roadsoop Oy, Nokia, Finland	100	100
Vianor AB, Sweden	100		Nokian Renkaat Holding Oy, Nokia, Finland	100	100
Handens Däck AB, Sweden	100		000 Nokian Shina, Russia	100	
Michaels Förvaltning AB, Sweden	100				
Michaels Däckservice AB, Sweden	100				
Antons Gummi AB, Sweden	100				
Christers Däck i Eksjö AB, Sweden	100				
Nils Janssons Gummiverkstad AB, Swe	den 100				
NJA Gummi i Mölndal AB, Sweden	100		Associated companies		
Sävedalens Gummiverkstad AB, Swede	en 100		Freibi Riepas SIA, Latvia	50	
Utby Däckservice AB, Sweden	100		Kiint. Oy Linnarengas, Savonlinna, Finland	50	
Däcktjänst Norrköping AB, Sweden	100		Kiint. Oy Nokian Nosturikatu 18, Nokia Finla	and 33	33
Butängens Däck AB, Sweden	100		Sammaliston Sauna Oy, Nokia, Finland *)	33	33
Värsås Maskiner AB, Sweden	100				
Värsås Regummering AB, Sweden	100				
Gummicentralen i Karlstad AB, Sweden	n 100				
Vianor AS, Norway	100				
Bergs Gummi-Industri AS, Norway	100				
Marco Trading AS, Norway	100		*) Omitted from the Group accounts because	e of no mater	ial
Hallingdal Dekkservice AS, Norway	100		effect on the total		

11. Investments					
in '000 euros	GROUP		PARENT		
			COMPANY		
	Shares in	Shares in	Shares in	Shares in	Shares in
	associated	other	group	associated	other
	companies	companies	companies	companies	companies
Accumulated cost, Jan 1st 2002	66	306	27,619	83	103
Decrease/Increase	351	-80	-1,472	199	-25
Accumulated cost, Dec 31st 2002	417	226	26,147	282	78
Translation difference	0	0			
Book value, Dec 31st 2002	417	226	26,147	282	78
Book value, Dec 31st 2001	66	306	27,619	82	103

No company shares are owned by the Parent company or the Group.

	0.0.000			
	GROUP		PARENT	
			COMPANY	
in '000 euros	2002	2001	2002	2001
12. INVENTORIES				
Raw materials and supplies	8,487	6,904	7,469	6,221
Work-in-progress	2,245	3,210	2,245	3,210
Finished goods	68,115	76,894	22,846	26,134
Total book value	78,847	87,008	32,560	35,565
13. LONG-TERM RECEIVABLES				
Loan receivables from the Group companies			33,616	29,801
Loan receivables from the Assoc. companies	560	630	0	0
Loan receivables	1,595	1,708	1,268	1,331
Other receivables	33	30	0	0
Total	1,628	1,738	1,268	1,331
Total long-term receivables	2,188	2,368	34,884	31,132
0				
Loans to directors				
Managing Directors and the members of the Board of Dir	ectors in the Grou	ip have been granted	loans,	
totalling 131,829 euros. Loans have yearly installments.		r		
······································				
14. SHORT-TERM RECEIVABLES				
Receivables from the Group companies				
Trade debtors			29,825	28,116
Loan receivables			48,963	58,305
Accrued revenues and deferred expenses			1,431	1,185
Total			80,219	87,606
10(d)			00,219	01,000

Total			80,219	87,606
Receivables from the Assoc. companies				
Trade debtors	862	765	862	765
Loan receivables	370	370	370	370
Accrued revenues and deferred expenses	8	3	8	3
Total	1,240	1,138	1,240	1,138
Trade debtors	82,659	76,786	35,790	28,440
Loan receivables	120	158	0	0
Other receivables	3,173	2,876	2,308	2,175
Accrued revenues and deferred expenses	7,010	7,358	1,860	2,647
Total	92,962	87,178	39,958	33,262
Total short-term receivables	94,201	88,316	121,416	122,006
Significant items under accrued revenues and de	ferred expenses	8		
Taxes	1,318	1,229	4	0
Annual discounts, purchases	610	1,105	549	502
Financial items	458	310	1,330	302
Social payments	909	916	679	520
Other items	3,723	3,801	737	2,511
Total	7,018	7,361	3,299	3,835

	GROUP		PARENT COMPANY	
in '000 euros	2002	2001	2002	2001
15. SHAREHOLDERS' EQUITY				
13. SHAREHOLDERS EQUILI				
Share capital, Jan 1st	17,798	17,798	17,798	17,798
Bonus issue from issue premiums	3,366	0	3,366	0
Share capital, Dec 31st	21,164	17,798	21,164	17,798
Share issue premium, Jan 1st	5,310	5,310	5,310	5,310
Bonus issue to share capital	-3,366	0	-3,366	0
Share issue premium, Dec 31st	1,944	5,310	1,944	5,310
Detained according to 1 at	105 000	100 170	50 550	25.040
Retained earnings, Jan 1st Dividends to shareholders	125,923 -8,783	108,173 -6,878	50,553 -8,783	35,948 -6,878
Translation adjustment	-0,703	-563	-0,703	-0,878
Retained earnings, Dec 31st	118,706	100,732	41,770	29,069
Retained earnings, Dec 51st	110,700	100,752	41,770	23,003
Net profit for the year	33,561	25,191	31,868	21,484
			,	,
Capital loan	36,000	36,000	36,000	36,000
Total shareholders' equity	211,375	185,031	132,746	109,661

Capital loan

The amount of the capital loan is 36 million euros, interest rate 7,25 %, maturing on the April 29th, 2005. Interest on the capital loan may be paid only to the extent that the amount to be paid can be used for distribution of profit in accordance with the financial statements of the Nokian Tyres plc and the Group adopted for the preceding fiscal period. The principal of the capital loan may be repaid only if the non-distributable equity and other non-distributable items, as shown in the financial statements of the Nokian Tyres plc and the Group adopted for the preceding fiscal period, are left with full cover.

Specification of the distributable equity, December 31st

Retained earnings, Dec 31st Net profit for the year	118,706 33,561	100,732 25,191	41,770 31,868	29,069 21,484
The share of untaxed reserves and appropriations recorded in shareholders' equity Subsidiaries' reserve funds	-44,954 -1,474	-42,039 -1,266		
Distributable equity, Dec 31st	105,839	82,618	73,638	50,553
16. DEFERRED TAX LIABILITIES AND ASSETS				
Deferred tax assets from				
Untaxed reserves and provisions	1,173	825		
Consolidation	1,846	1,546		
Temporary differences	2,818	2,830	2,361	2,381
Total	5,837	5,201	2,361	2,381
Deferred tax liabilities from				
Untaxed reserves and provisions	20,374	18,975		
Consolidation	0	0		
Temporary differences	897	1,360	0	0
Total	21,271	20,335	0	0

The deferred tax assets contain the deferred tax assets for the years 2003 and 2004 arising from the dissolution loss entered into extraordinary expenses in the Parent Company during 2000. The tax benefit will be realised during years 2000 and 2009; the proportional share of the remaining deferred tax asset, 7,348 thousand euros, has been accounted for up to year 2004.

Deferred tax liabilities arising from the goodwill of the buildings, total 951 thousand euros and revaluation, total 216 thousand euros are not included in the amounts reported above.

17. LONG-TERM LIABILITIES				
Interest bearing				
Bonds	10,000	0	10,000	0
Loans from financial institutions	73,032	121,337	72,352	120,422
Pension premium loans	15,000	15,639	15,000	15,639
Total	98,032	136,976	97,352	136,061
Interest-free				
Other long-term loans	140	128	0	0
Total long-term liabilities	98,172	137,104	97,352	136,061
Bonds				
1/2002 variable interest rate based on Euribor	10,000	0	10,000	0
3,804 % bullet maturity on 2009.				

	GROUP		PARENT	
in '000 euros	2002	2001	COMPANY 2002	2001
Liabilities maturing after five years				
Loans from financial institutions	13,333	6,395	13,333	6,395
Pension premium loans	15,000	14,027	15,000	14,027
Total	28,333	20,422	28,333	20,422
Maturing of long-term liabilities				
Maturity				
2004	39,324	42,641	38,814	42,367
2005	53,540	53,588	53,371	53,518
2006	9,667	9,887	9,667	9,887
2007 2008 and later	3,167 28,334	3,121 17,301	3,167	3,120
Total	134,032	126,538	<u>28,334</u> 133,353	17,301 126,192
10tul	104,001	120,000	100,000	120,152
18. SHORT-TERM LIABILITIES				
Interest bearing				
Liabilities to the Group companies				
Finance loans			17,298	10,475
			11/200	10,110
Loans from financial institutions	43,398	37,874	43,018	36,625
Pension premium loans	1,500	1,575	1,500	1,575
Total	44,898	39,449	44,518	38,200
Total interest hearing	44,898	39,449	61,816	48,675
Total interest bearing	44,090	59,449	01,010	40,075
Interest-free				
Liabilities to the Group companies				
Trade creditors			17	235
Accrued expenses and deferred revenues Total			<u>376</u> 393	80 315
10(a)			393	515
Trade creditors	33,177	39,133	15,531	20,827
Liabilities to the others	6,264	6,782	2,363	2,018
Accrued expenses and deferred revenues	35,753	31,945	23,050	19,053
Total	75,193	77,860	40,944	41,898
	75 100	77.000	44 997	40.010
Total interest-free liabilities	75,193	77,860	41,337	42,213
Total short-term liabilities	120,091	117,309	103,153	90,888
Significant items under accrued expenses and de			10.010	0.040
Wages and salaries Annual discounts, sales	18,389 1,389	16,332 2,233	10,810 484	9,648 479
Taxes	5,692	2,267	4,213	396
Financial items	3,477	3,986	3,233	3,954
Royalty	251	220	251	220
Uninvoiced receipts	302	236	302	236
Other items	6,253	6,671	4,133	4,200
Total	35,753	31,945	23,426	19,133

	GROUP		PARENT COMPANY	
in '000 euros	2002	2001	2002	2001
19. CONTINGENT LIABILITIES				
For own debt				
Mortgages	1,030	715	0	0
Mortgage on company assets	0	0	0	0
Pledged assets	31	51	0	0
On behalf of Group companies				
Guarantees	0	0	841	2,052
Rent commitments	0	0	779	734
The amount of debts that the Parent company has mortg	aged for are total &	341 thousand euros.		
On behalf of other companies				
Guarantees	57	6	48	0
Other own commitments				
Guarantees	1,009	1,177	1,009	1,177
Leasing and rent commitments				
Payments due in 2003/2002	6,699	6,104	1,869	5,028
Payments due in subsequent years	32,010	21,474	13,827	12,899
Acquisition commitments	1,163	568	1,163	233
20. DERIVATIVE CONTRACTS				
Interest rate derivatives				
Interest rate swaps Fair value	-2,052	-956	-2,052	-956
Underlying value	-2,052 46,500	37,500	-2,052 46,500	-956 37,500
Chachying value	-0,500	51,500	40,500	51,500
Currency derivatives				
Forward contracts				
Fair value	775	-449	775	-449
Underlying value	50,493	50,932	50,493	50,932
Options, purchased				
Fair value	0	18	0	18
Underlying value	0	3,000	0	3,000
Options, written				
Fair value	0	-18	0	-18
Underlying value	0	4,000	0	4,000

The fair value of interest rate swaps is defined by cash flows due to contracts.

The fair value of exchange forward contracts is calculated at the rates at the balance sheet closing date on the basis of cash flow arising from contracts. The fair value of options is based on the market price calculated by Black & Scholes' option pricing model.

The underlying value of currency derivatives is the euro equivalent of the contracts' currency denominated amount at the balance sheet closing date.

Currency derivatives are used only to hedge the Group's net exposure.

Currency derivatives are included in the financial result at market value except those relating to budgeted net currency positions, which are entered in the profit and loss account as the cash flow is received.









Exchange rate index weighted by export currencies



The internal and external financing and financial risk management of Nokian Tyres is centralised to the parent company's Treasury unit. Risks are managed in accordance with the financial policy approved by the Board of Directors. The objective of financial risk management is to secure the Group's planned profit development. By centralising these activities, Nokian Tyres can effectively manage the Group's financing and financial risks and obtain benefits of scale in the pricing of financing.

CREDIT AND LIQUIDITY RISKS

In accordance with the Group's financial policy, the Treasury unit is responsible for maintaining the Group's liquidity and for ensuring sufficient funding. The Group companies' deficits and surpluses are covered at the parent company's treasury.

The Group's liquid assets and investments totalled EUR 20 million at the end of 2002. Furthermore, the Group had unused short-term credit limits of some EUR 134 million. Short-term limits are used to finance stocks, receivables and subsidiaries that act as distribution channels, and to manage the regular seasonal cash-flow fluctuations that are typical of Nokian Tyres.

At the year end, the company's interestbearing liabilities stood at EUR 143 million, compared to EUR 176 million a year earlier. Non-euro currencies represented 14 per cent of all longterm loans (16 per cent in 2001). The average interest rate of long-term loans was 4.16 per cent (4.37 per cent in 2001). Moreover, Nokian Tyres has an EUR 36-million capital loan issued in 2000 with an interest rate of 7.25 per cent. The capital loan will mature in 2005.

Short-term interest-bearing liabilities amounted to EUR 45 million (EUR 39 million in 2001), which includes loan repayments to be made within one year.

Investments in 2002 totalled EUR 26 million (EUR 45 million in 2001).

INTEREST RISK

The Group's borrowing is divided into floating and fixed interest rate instruments. The Treasury unit monitors the interest risk and steers it with forward rate agreements interest rate options and interest rate swaps. The fair values of the interest derivatives are included in the Notes to the Financial Statements. The average interest rate tying time for the Group's interest portfolio was 36 months at the end of the year, compared to 28 months a year earlier.

CURRENCY EXCHANGE RISK

The Nokian Tyres group comprises the Finlandbased parent company, sales companies based in Sweden, Norway, Germany, Switzerland, the USA and Russia, and the tyre chain extending from the Nordic countries to Estonia and Latvia.

The business activities of the sales companies and the tyre chain are primarily carried out in the currency of the country in question. Therefore, the parent company bears almost the entire currency exchange risk. In 2002, 27 per cent of the parent company's invoicing was in non-euro currencies (31 per cent in 2001). The most significant exchange rate gains and losses incurred from the fluctuation of the Swedish and Norwegian krona, as well as the US dollar.

The foreign exchange exposure of the Group includes receivables and payables in foreign currencies as well as binding purchase and sale agreements (transaction position), to which the estimated currency-denominated cash flows will be added to make a review period of the upcoming 12 months. As defined in the Group's hedging policy, the Treasury unit hedges the entire transaction position so that + / - 20 per cent over- and under hedging is allowed. The estimated cash flow is hedged according to the market situation. The maximum hedging may be up to 70 per cent of the estimated cash flow. Exchange rate differences from hedging are entered in the Profit and Loss Account as sales and purchase adjustment items. Exchange rate differences from hedging against the estimated cash flow will be entered under sales adjustment items in the Profit and Loss Account when the cash flow is realised. Exchange rate differences from the hedging of internal short- and long-term loans are entered as financial income and expenses.

To hedge its currency position, Nokian Tyres uses intra-Group netting, currency credits and currency derivatives. Derivatives are used for hedging purposes only. The fair values of the currency derivatives are included in the Notes to the Financial Statements.

In the Financial Statements, the foreign subsidiaries' equities are translated into euros using the average exchange rate of the European Central Bank at the end of the period, and the changes are shown as translation differences in the Consolidated Financial Statements. Subsidiaries' significant equities have been hedged using long-term currency credits. The exchange gains and losses arising from the hedging are booked in their net value in the Consolidated Financial Statements against the translation differences of shareholders' equity.

COUNTERPARTY RISK

The Group makes short-term investments, and agreements are only signed with counterparties with a high credit rating.

Derivative contracts are only signed with banks and credit institutions with adequate solvency.

Interest bearing net debt

The distributable reserves in the shareholders' equity of the Parent Company on 31 December 2002 total 73,638, 248.13 euros, which can be distributed as dividends. The distributable reserves in the shareholders' equity of the Group total 105,839,000 euros and do not restrict the profit distribution of the Parent Company. There are 10,582,286 shares entitled to a dividend.

The Board of Directors proposes that a dividend of 1.11 euros (a total of 11,746,337.46 euros) be paid out for the 2002 fiscal year.

Nokia, 17 February 2003

Olli-Pekka Kallasvuo	Hannu Penttilä
Bo-Erik Haglund	Antti Saarialho
Satu Heikintalo	Kim Gran President
Matti Oksanen	1103/00/11

To the shareholders of Nokian Tyres plc.

We have audited the accounting records and the financial statements, as well as the administration by the Board of Directors and the President of Nokian Tyres plc for the period ending 31 December 2002. The financial statements, which include the report of the Board of Directors, consolidated and parent company income statements, balance sheets and notes to the financial statements, have been prepared by the Board of Directors and the President. Based on our audit, we express our opinion on these financial statements and the company's administration.

We have conducted our audit in accordance with Finnish Generally Accepted Auditing Standards. Those standards require that we plan and perform the audit in order to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by the management as well as evaluating the overall financial statement presentation. The purpose of our audit of the administration has been to examine that the Board of Directors and the President have complied with the rules of the Finnish Companies' Act.

In our opinion, the financial statements have been prepared in accordance with the Finnish Accounting Act and other rules and regulations governing the preparation of financial statements in Finland. The financial statements give a true and fair view, as defined in the Accounting Act, of both the consolidated and parent company result of operations as well as of the financial position. The financial statements can be adopted and the members of the Board of Directors and the President of the parent company can be discharged from liability for the period audited by us. The proposal by the Board of Directors regarding the handling of the profit, is in compliance with the Finnish Companies' Act.

Nokia, 18 February 2003

KPMG WIDERI OY AB

Matti Sulander Authorised Public Accountant

A U D I T O R S R E P O R T

BOARD OF DIRECTORSOF NOKIAN TYRES PLC



Antti Saarialho (top left) Licentiate of Technology Professor (emeritus) (Helsinki University of Technology, Automotive Engineering) Member of the Board since 1999 No Nokian Tyres shares

Bo-Erik Haglund Doctor of Science (Economics and Business Administration) h.c. Member of the Board since 2001 No Nokian Tyres shares

Matti Oksanen M. Sc. (Chem. Eng.) Managing Director, Fortum Oil and Gas Member of the Board since 1999 Nokian Tyres shareholding on 31 December 2002: 600

Hannu Penttilä Master of Laws Managing Director, Stockmann plc Member of the Board since 1999 No Nokian Tyres shares *Kim Gran (seated left)* B.Sc. (Econ.) President and CEO of Nokian Tyres plc as of 1 September 2000 No Nokian Tyres shares

Satu Heikintalo Master of Economic Sciences Member of the Board since 2002 No Nokian Tyres shares

Chairman: *Olli-Pekka Kallasvuo* Master of Laws Chief Financial Officer, Nokia Corporation Chairman of the Board from 1992 to 1997 Chairman of the Board since 1999 Nokian Tyres shareholding on 31 December 2002: 3,000 Nokian Tyres published a total of 15 stock exchange releases or announcements in 2002. Short summaries of the most significant releases are given below:

15.2. Financial Statements Bulletin

Profit before tax were up by 36% to EUR 37.0 million (EUR 27.2 million in 2001). Earnings per share were up to 2.38 euros (1.88 euros). Net sales increased by 6.3% to EUR 423.4 million (EUR 398.5 million). Equity ratio was up from 36.1% to 40.2%. Net cash flow improved to EUR 22.0 million and Cash Flow II improved to EUR 56.9 million. The Board of Directors proposes that a dividend equalling 35% of net profit, i.e. 0.83 euros (0.65 euros) per share, be distributed.

18.2. Contract manufacturing with Amtel in Russia

Nokian Tyres announces that it will start contract manufacturing of car winter tyres with Amtel Holding Company in Russia during the autumn 2002. In the first phase the products will be manufactured under Nordman brand and they will be directed into the Russian markets. The target is to manufacture 200.000 tyres during 2002 and to gradually expand the manufacturing to cover also car summer tyres.

3.4. Decisions made at the Annual General Meeting

April 3, 2002, the Annual General Meeting of Nokian Tyres approved the financial statements for 2001 and discharged the members of the Board and the President and CEO from liability. A decision was made to pay a dividend of 0.83 euros per share. In connection with the euro, a decisions was made to raise the share capital to EUR 21.164.572,00 by transferring an amount corresponding to the increase in share capital, i.e. EUR 3.366.444,60, from the share premium account to the share capital. After the proposed measures, each share had a nominal value of two (2) euros. In addition the Annual General Meeting decided to change sections 3, 4 and 12 of the Articles of Association. The Annual General Meeting also authorised the Nokian Tyres Board of Directors, to decide upon increasing the share capital with one or more rights issues.

26.4.Interim Report January-March 2002

Net sales and operating profit improved compared to the corresponding period a year earlier. Earnings per share in January-March were EUR -0.31 (EUR -0.35 in the first quarter of 2001). Net sales rose by 10.3% to EUR 84.5 million (EUR 76.6 million). Operating result improved to EUR -1.0 million (EUR -1.9 million). Nokian Tyres' objective for 2002 is to outperform the results of 2001 in terms of growth and profit.

9.7. A Letter of Intent on a Joint Venture in Russia

Amtel Holding Company (Russia) and Nokian Tyres (Finland) have signed a letter of intent to form a 50/50 joint venture company for the purpose of manufacturing, marketing, and selling premium branded tyres in Russia and CIS countries.

9.8. Interim Report January-June 2002

Consolidated net sales and operating profit grew from the previous year in the second quarter and the entire period under review. Operating profit in January-June was EUR 8.7 million (EUR 6.7 million in January-June 2001). Earnings per share were EUR 0.10 (EUR -0.07). Net sales grew by 12.6% to EUR 193.3 million (EUR 171.6 million). The objective for 2002 is to outperform the results of 2001 in terms of growth and profit

25.10. Interim Report January-September 2002

Consolidated net sales were up 12% and totalled EUR 311.2 million (2001:EUR 277.7 million). Operating profit totalled EUR 23.9 million (EUR 25.3 million). Comparable operating profit improved by EUR 3.1 million from the previous year, as the 2001 figure includes profits from the sales of fixed assets EUR 4.5 million. Earnings per share were EUR 0.93 (EUR 0.86). The objective is to achieve sales growth and better EBITA than in 2001.

20.12. Nokian Tyres and Amtel signed a Joint Venture Agreement

Nokian Tyres and Amtel Holdings have signed a joint venture agreement on December 19, 2002. The purpose of the joint venture is to organise and carry out the development, production and sales within the CIS of passenger car and light truck tyres, which are branded and sold under the Nordman and Amtel trademarks. The closing is intended to take place within 180 days after signing.

ANALYSTS

At least the following analysts have made investment analyses of Nokian Tyres in 2002:

Alfred Berg Finland Oyj

Tero Weckroth tel. +358 9 2283 2732 tero.weckroth@alfredberg.fi Markus Steinby tel. +46 8 5723 5979 markus.steinby@alfredberg.fi

ABG Sundal Collier Henrik Olsson tel. +44 207 905 5600 henrik.olsson@abgsc.com

Nordea Securities Oyj

Ville Kivelä tel. +358 9 3694 9435 ville kivela@nordeasecurities.com Joakim Paul tel. +358 9 3694 9426 joakim.paul@nordeasecurities.com

D. Carnegie AB, Finland Branch

Ben Wärn tel. +358 9 6187 1233 ben.warn@carnegie.fi Raoul Konnos tel. +358 9 6187 1233 raoul.konnos@carnegie.fi

Deutsche Bank, Helsinki Branch

Johannes Schulman tel. +358 9 2525 2550 johannes.schulman@db.com Kari Paajanen tel. +358 9 2525 2553 kari.paajanen@db.com **Enskilda Securities AB** Tommy Ilmoni tel. +358 9 6162 8700 tommy.ilmoni@enskilda.se

Evli Securities Plc Mika Karppinen tel. +358 9 4766 9643 mika.karppinen@evli.com

FIM Pankkiiriliike Oy Mikko Linnanvuori tel. +358 50 5311 870 mikko.linnanvuori@fim.com

Handelsbanken Tom Skogman tel. +358 10 444 2752 tom.skogman@handelsbanken.fi

Mandatum Stockbrokers Plc Ari Laakso tel. +358 10 236 4710 ari.laakso@mandatum.fi

Morgan Stanley Dean Witter, London Branch Nicolas Hirth tel. +44 20 7513 6764 nicolas.hirth@msdw.com

Opstock Securities Ltd Jari Räisänen tel. +358 9 404 4408 jari.raisanen@oko.fi Nokian Tyres plc

Pirkkalaistie 7, FIN-37100 Nokia P.O. Box 20, FIN-37101 Nokia Tel. +358 3 340 7111 Fax +358 3 342 0677 www.nokiantyres.com email: info@nokiantyres.com firstname.lastname@nokiantyres.com President and CEO Kim Gran

Nokian Tyres plc

Arinatie 8, FIN-01520 Vantaa P.O. Box 85, FIN-01521 Vantaa Tel. +358 9 686 470 Fax. +358 9 622 5370 Car dealer business Tel. +358 10 401 3290 Fax +358 10 4013 2299

Nokian Tyres plc

Kerantie 19, FIN-81720 Lieksa Tel. +358 13 255 790 Fax +358 13 255 7950

SALES COMPANIES:

Nokian Däck AB

Fagerstagatan 15, Lunda Industriområde Box 8339, S-163 08 Stockholm-Lunda Tel. +46 8 474 7440 Fax +46 8 761 1528 Managing Director Per-Åke Beijersten

Nokian Dekk AS

Leiraveien 17, N-2000 Lillestrom Boks 14, N-2027 Kjeller Tel. +47 64 84 77 00 Fax +47 64 84 77 01 Managing Director Björn Kamphus

Nokian Reifen GmbH

Neuwieder Strasse 14, D-90411 Nürnberg Tel. +49 911 527 550 Fax +49 911 527 5529 Managing Director Dieter Köppner

Nokian Reifen AG

Brandbachstrasse 7, CH-8305 Dietlikon Tel. +41 1 807 4000 Fax +41 1 888 3825 Managing Director Ruedi Häfliger

Nokian Tyres Inc.

339 Mason Rd. La Vergne TN 37086 Nashville, USA Tel. +1 615 287 0600 Fax +1 615 287 0610 Managing Director Dennis Gaede

000 Nokian Shina

Glazovsky pereulok, 7-7, RUS-121002 Moscow Tel. +7 095 926 5651, +7 095 926 5652 Fax +7 095 926 5653 Managing Director Yrjö Krukoff TYRE CHAIN:

Vianor Holding Oy

Pirkkalaistie 7, FIN-37100 Nokia P.O. Box 20, FIN-37101 Nokia Tel. +358 3 340 7111 Fax +358 3 340 7148 www.vianor.com Managing Director Seppo Kupi

Vianor Oy

Teollisuuskatu 8, FIN-53600 Lappeenranta Tel. +358 10 4011 Fax +358 10 401 2299 Managing Director Seppo Kupi

Vianor AB

Östra Ringleden, S-534 50 Vara Box 114, S-534 22 Vara Tel. +46 512 798000 Fax +46 512 798099 Managing Director Bert Amnäs

Vianor AS

Haslevangen 34, N-0579 Oslo Boks 283 – Økern, N-0511 Oslo Tel. +47 22 070 450 Fax +47 22 070 411 Managing Director Alexej von Bagh

Freibi Riepas SIA

25 Viskalu iela, LV-1026 Riga Tel. +371 755 1883 Fax +371 755 0331 Managing Director Janis Biksons

AS Vianor

Tartu mnt 119, EE-0001 Tallinn Tel. +372 605 1066 Fax +372 605 1067 Managing Director Petri Siipola

Annual General Meeting

The Annual General Meeting of Nokian Tyres plc will be held at the company's headquarters in Nokia on Wednesday 26 March 2003, starting at 4 p.m. Registration of attendants and the distribution of ballots will begin at 3 p.m.

Shareholders registered by no later than 14 March 2003 in the company's shareholder register, which is maintained by the Finnish Central Securities Depository Ltd, are entitled to attend the Annual General Meeting. Shareholders who wish to attend must register by 3 p.m. on 24 March 2003 either in writing to Nokian Tyres plc, P.O. Box 20, FIN-37101 Nokia, by phone on +358 3 340 7641 or by fax on +358 3 340 7799. Any powers of attorney should be delivered in connection with the registration.

Financial statements will be available for one week prior to the Annual General Meeting at the company's headquarters.

Dividend payment

The Board of Directors proposes to the Annual General Meeting that a dividend of EUR 1.11 per share be paid for the financial year 2002. The record date for the dividend payment will be 31 March 2003 and the dividend payment date 7 April 2003, provided that the Board's proposal is approved.

Share register

Shareholders are requested to notify any changes in their contact information to the book-entry register in which they have a book-entry securities account.

Financial reports

Nokian Tyres will publish financial information in Finnish and in English as follows:

Interim Report for three monthson 6 May 2003Interim Report for six monthson 8 August 2003Interim Report for nine monthson 24 October 2003Financial Statements Bulletin 2003in February 2004Annual Report 2003in March 2004

Financial reports may be ordered from Nokian Tyres' corporate communications telephone + 358 3 340 7641 fax +358 3 340 7799 e-mail: info@nokiantyres.com

Nokian Tyres publishes its Interim Reports only on the Internet: **www.nokiantyres.com** Printed reports can be ordered from Nokian Tyres' Communications department.

This report is a translation. The original, which is in Finnish, is the authoritative version.

Editorial office: Communications Agency Selander & Co, design: Pic Design, layout: Juha Immonen, portraits: Henna Aaltonen. Printed by Hämeen Kirjapaino Oy in 2003

