

The background of the slide features a large, stylized blue 'N' on the left side, which is part of the Nokia logo. The 'N' is composed of several overlapping, semi-transparent blue shapes, creating a sense of depth and movement. The rest of the background is a light blue gradient with faint, repeating text patterns like 'abcdefg' and 'hijklmn' in a smaller, lighter blue font.

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Nokia in 2001

- Challenging environment
- Slight increase in sales and very strong financial position
- Significant market share gains and excellent profitability in mobile phones
- Expansion of accessible market based on important breakthroughs in networks business
- Strategic position better-than-ever backed by strong brand, product range and operational ability

Nokia - Key Figures 2001 (pro forma)

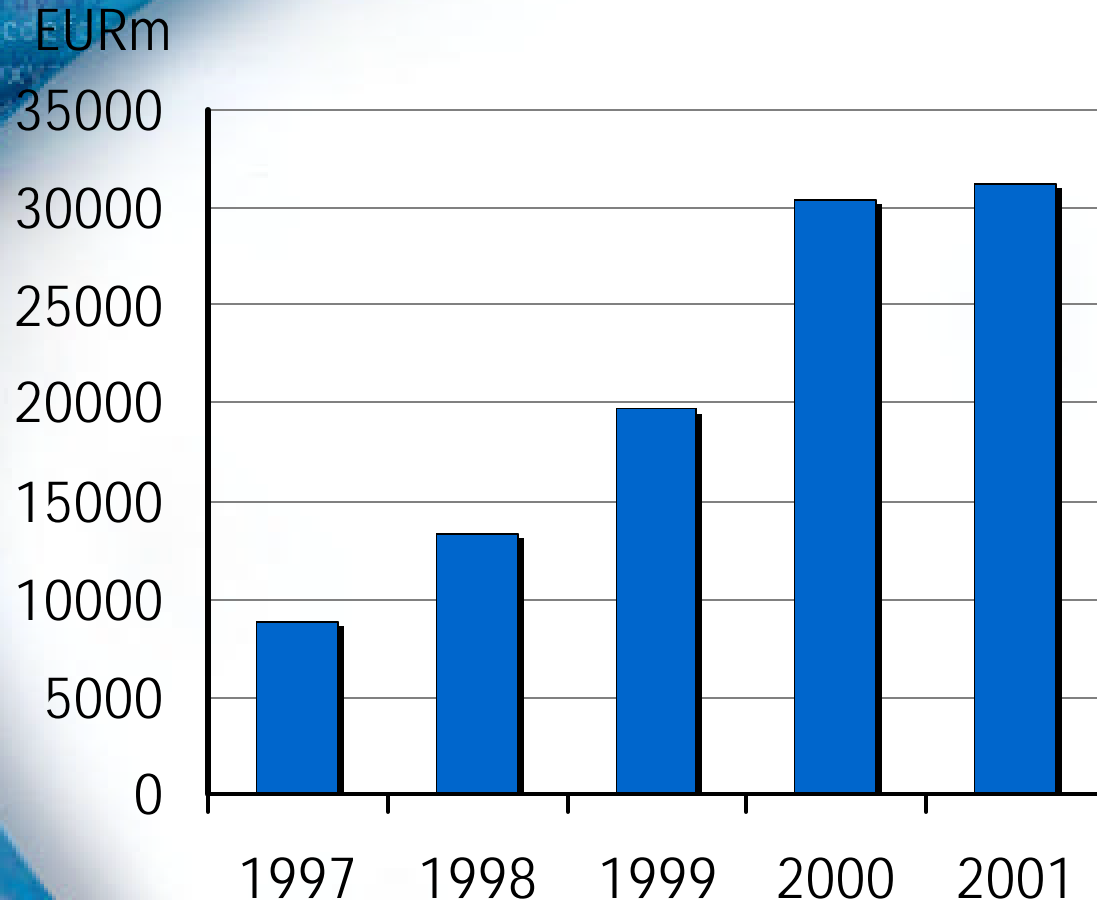
	2001 EUR	2000 EUR	Change %
Net sales (million)	31 191	30 376	+3
Operating profit (million)	5 237	5 861	-11
Operating margin (%)	16.8	19.3	
Earnings per share, diluted, (split adjusted)	0.79	0.84	-6
Net debt to equity, gearing (%)	-41	-26	
Research and development (million)	2 985	2 584	+16
Personnel (year-end)	53 849	60 289	-11
Proposed dividend	0.27	0.28	-4

1 EUR = 0.9026 USD (December 31, 2001)

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Total Net Sales EUR 31 191 million

(USD 28 153 million)



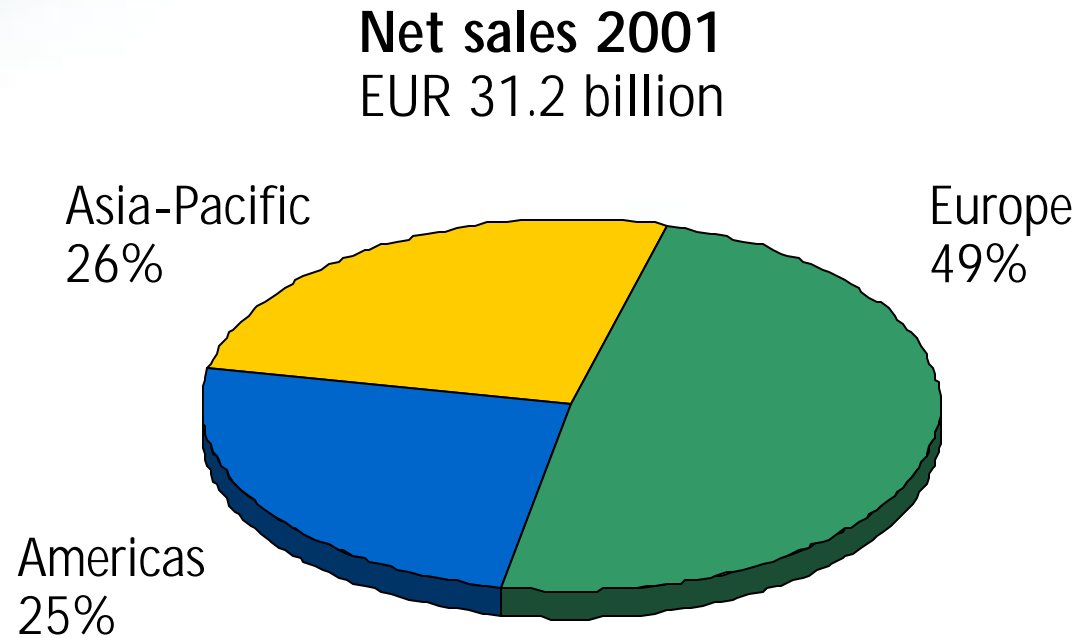
Net sales split by business group:

- Nokia Networks 24%
- Nokia Mobile Phones 74%
- Nokia Ventures Organization 2%

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Balanced Global Market Presence



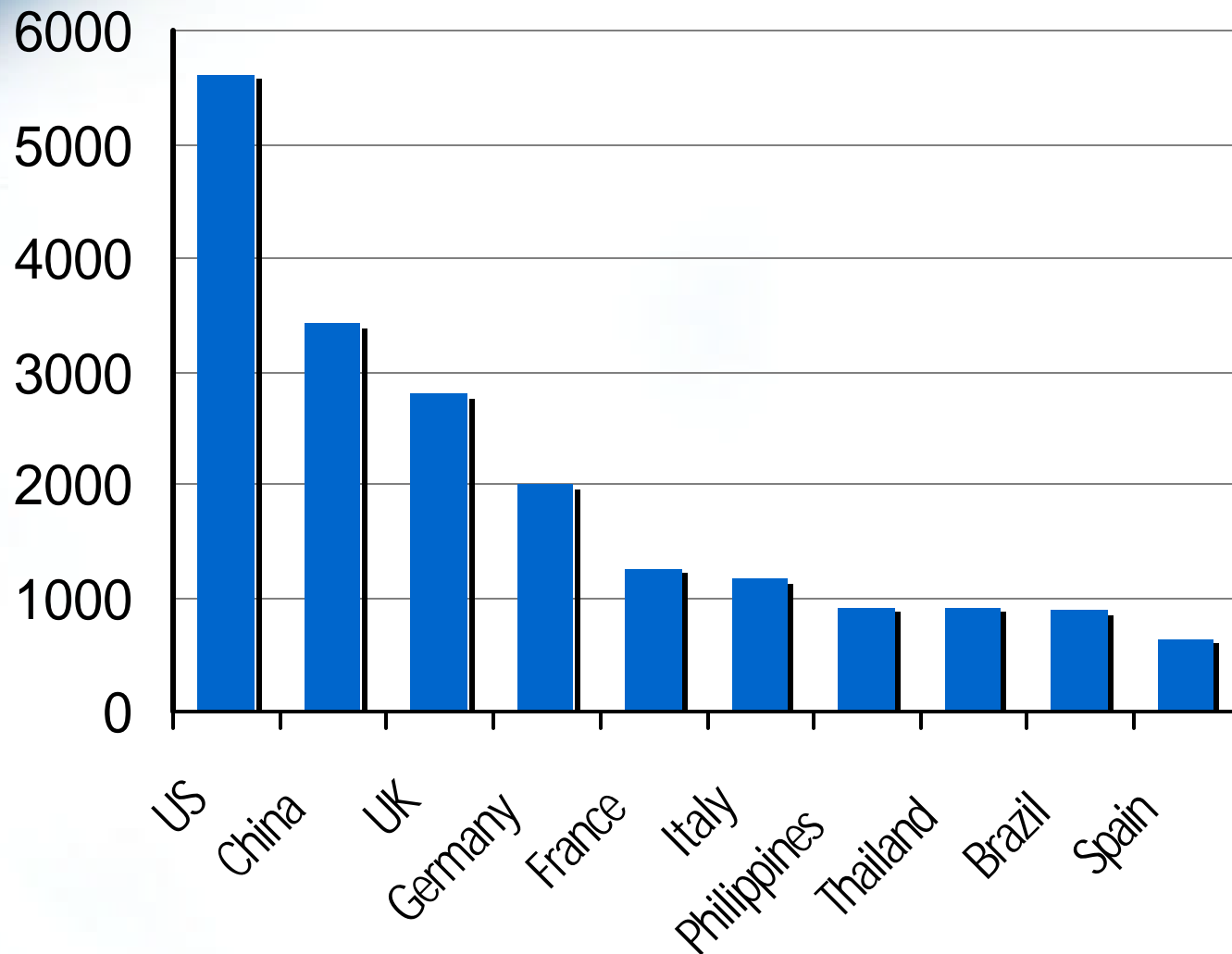
- Biggest markets US, China and UK

1 EUR = 0.9026 USD (December 31, 2001)

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Nokia's Largest Markets 2001

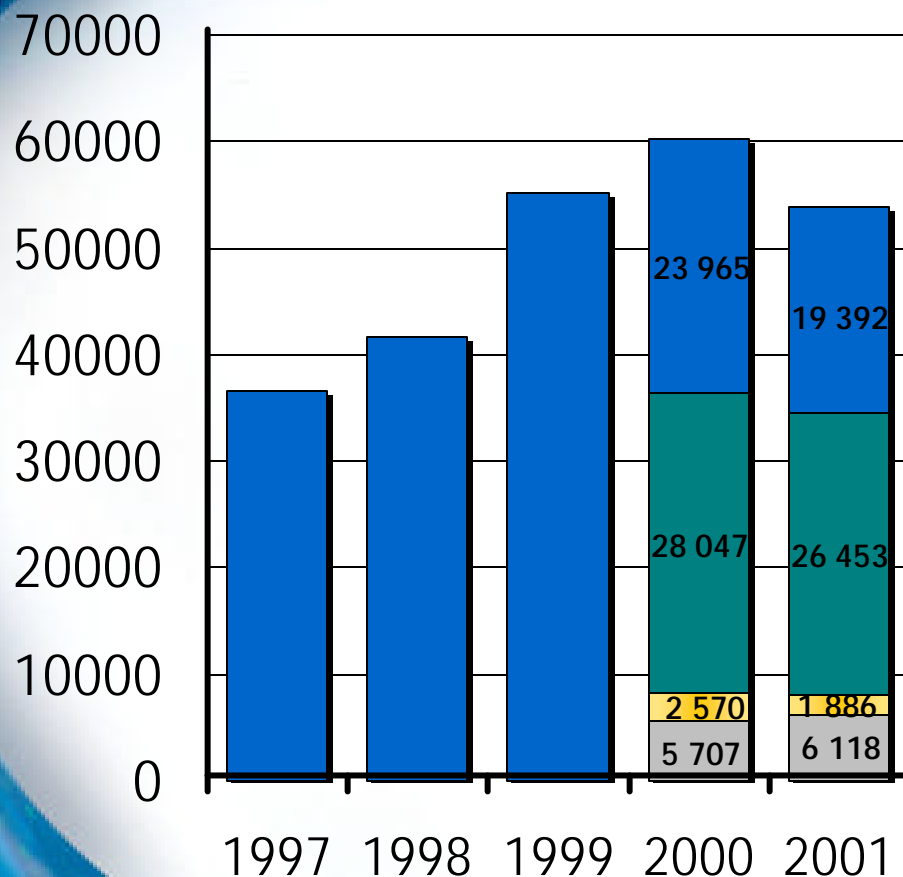
Net sales, EURm



1 EUR = 0.9026 USD (December 31, 2001)

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Committed Nokia Team

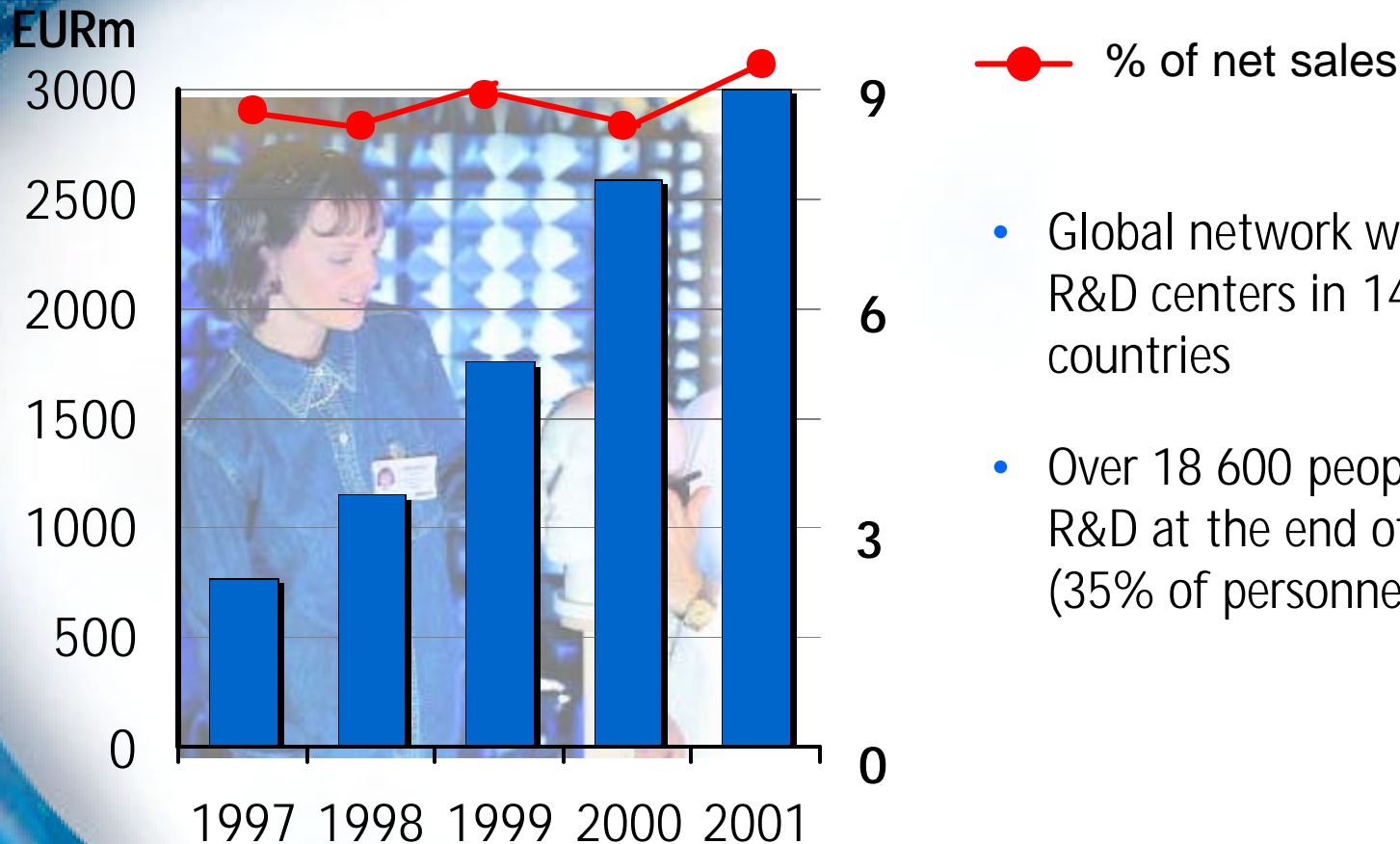


- 53 849 employees at the year-end (60 289 end of 2000)
- Nokia's personnel decreased by 6 440 employees in 2001

- Nokia Networks
- Nokia Mobile Phones
- Nokia Ventures Organization
- Common Group Functions

Strong Investments in R&D

R&D expenditure EUR 2 985 million in 2001
(9.6% of net sales)



- Global network with 54 R&D centers in 14 countries
- Over 18 600 people in R&D at the end of 2001 (35% of personnel)

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Financial Targets

- Sales growth about 15% in 2002
 - 1Q: 6-10% lower compared with 1Q/2001
 - 2Q: low double-digit growth
 - 4Q: 25-35% growth
- Good profitability
- Operating cash flow at healthy levels for 2002

Nokia Networks

The Partner for the Mobile World



- Net sales EUR 7.5 billion, personnel 19 392 in 2001
- Leader in 2G networks. Leading 3G supplier.
- Leader in cost-efficient all-IP networks for future high capacity needs, including fixed broadband access
- Over 100 GSM customers around the world. Targets at 35% market share in mobile networks.
- Leader in TETRA networks for public safety and security
- World-class services for network deliveries, integration and support; end-to-end solutions for optimised network performance and increasing network usage

1 EUR = 0.9026 USD (December 31, 2001)

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Nokia Mobile Phones

The World Leader in Mobile Handsets



- Net sales EUR 23.2 billion, sales volume of approx. 140 million units; personnel 26,453 in 2001
- The world's leading mobile phone company since 1998 with about 37% market share in 2001
- One of the world's most recognized and valued consumer brands
- Constantly evolving product portfolio covering all consumer segments and standards worldwide
- A world leader in development of mobile terminal software and server solutions

1 EUR = 0.9026 USD (December 31, 2001)

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Nokia Ventures Organization

Investing in the future - continuous renewal for Nokia



- Creating businesses outside the natural growth paths and focus of Nokia's current businesses
- Contributing to the development and growth of Nokia's core business
- Variety of tools for an innovative and entrepreneurial environment
- Strategic IP oriented products and solutions for Enterprises and Managed Service Providers

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Nokia's Strategic Intent

Nokia, the trusted brand, creates
personalized communication technology
that enables people
to shape their own mobile world

Strong positive signals - a new paradigm of mobility

- The mobile phone is becoming the centerpiece of complete personal connectivity:
 - People
 - Content
 - Devices
- Demand for non-voice services is evident: initially in professional users and youth segment
- Technological development and deployment proceeding as planned

Understanding the new Mobile Services



Person-to-Person
Communication



Transaction
Services

Business
Services



Infotainment
- Games and music
- Other

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Multimedia Messaging

- at the heart of mobile services



- Text
 - Graphics
 - Digital images
 - Audio clips
-
- Multimedia Messaging is a core technology platform upon which application and content developers can build

The Nokia end-to-end strategy contains three distinct elements

Network
specific
value
proposal

Middleware
specific
value
proposal

Terminal
specific
value
proposal

Migration to
all-IP
networks

Mobile services take-off
through open Mobile Software
platform

Increased value
added through
digital convergence
and mobile services

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Open Mobile Architecture initiative



- Non-fragmented global market for the next generation of mobile services
- Participants commit to interoperability of products and services based on open mobile architecture enablers
- Other companies are all welcome to join in building a common future on open standards and shared architecture

Life Goes Mobile – Now!

In the future, a major part
of personal communication
- be it voice, data, images, or video -
will be wireless

The personal wireless terminal
will be the main application
platform and media!



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The main logo features the word "NOKIA" in a bold, blue, sans-serif font. To the left of the text is a large, stylized blue graphic that resembles a curved, flowing shape, possibly representing a signal or a connection. The background is white with faint, repeating text patterns in the upper left corner.

CONNECTING PEOPLE



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A smaller version of the Nokia logo, consisting of the word "NOKIA" in a bold, blue, sans-serif font, positioned at the bottom right of the slide. It is accompanied by a small blue graphic element to its left.