Display Components

Philippe Combes

Executive Vice President Philips Components
CEO Business Group Display Components





We will reinforce our leading position and grasp high growth and high value added business opportunities!





Display Components - the Key Messages

- We are number 1 in color picture tubes
- We have the power of innovation
- The Plasma market offers bright perspectives
- We constantly drive towards cost leadership
- We deliver high customer service
- We focus on fast growing segments





It's great to be a leader in display!



Let's make things better.



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- Market Overview
- Current position
- Our future strategy
 - Cathode Ray Tube (CRT)
 - Plasma Display Panels (PDP)
- Summary

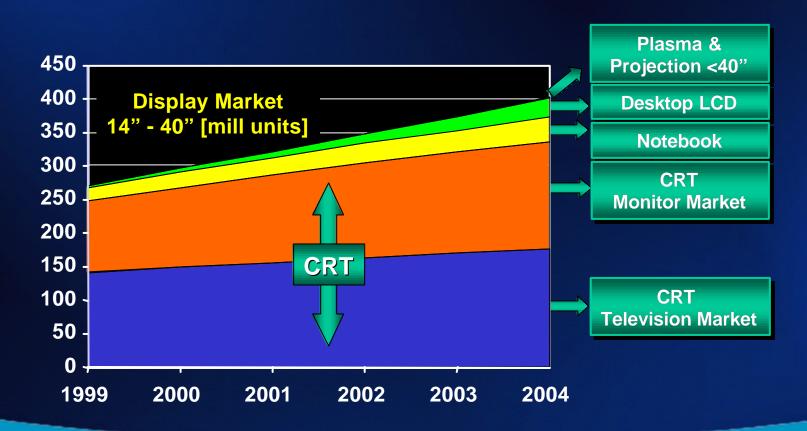




CRT

an exciting technology, capturing the high volume of the market

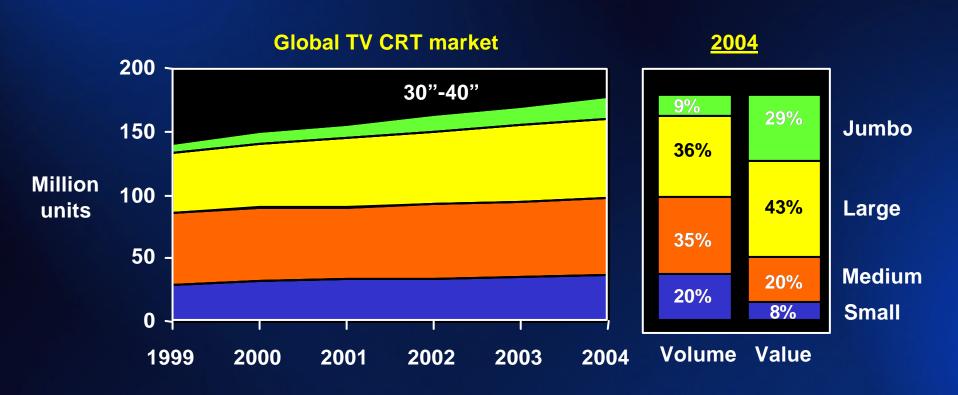
CRT will remain a tough competitor for new technologies







In TV tubes, the Jumbo segment is the fastest growing



Source: Philips BI

Let's make things better.





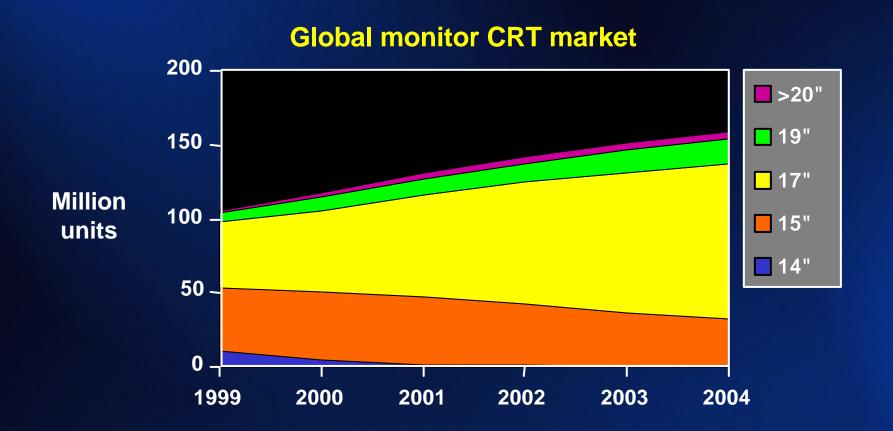
TV tube market developments

- The television tube market is growing with an average of 4.8 %
 CAGR 2000-2004 in value
 - The Jumbo segment has the strongest value growth (> 14%).
- Innovation rate will increase to satisfy consumer trends triggered by alternative technologies (flat, slim, high resolution).
- Main growth areas are China and Europe
- Supply demand is becoming balanced in all segments
- Allowing prices for small and medium size tubes to increase, restoring attractiveness to this segment





In Monitor tubes, 17" will be the dominant size









Monitor tube market developments

- PC market showing continuous volume growth of more than 10% per year
- The trend is large, slim and flat!
- Color CRT monitors continue to dominate the desktop display market
- China will be the largest market for Monitor CRTs
- Supply-demand getting in balance in 2002, one year earlier than previously forecasted. Allowing for prices to recover
- Due to the penetration of LCD, the monitor tube market is expected to reach its peak around 2006 / 2007





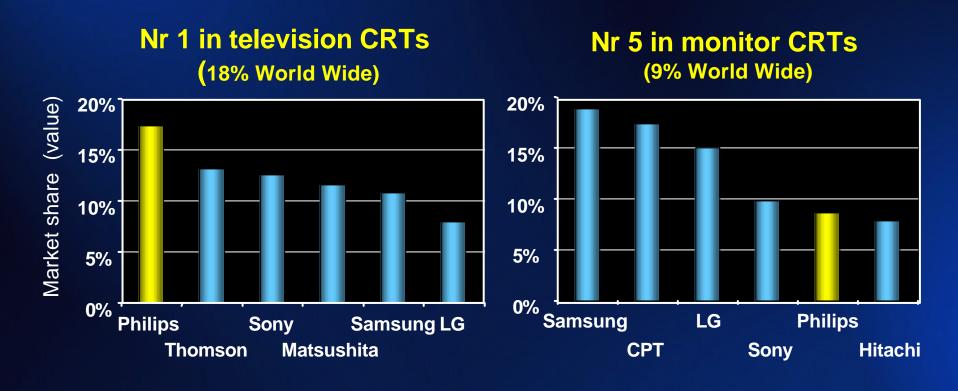
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We are the leader in TV tubes!



Source: Philips BI





Our customers include the world's market- and innovation-leaders













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Panasonic





GRUNDIG

LG Electronics











BANG & OLUFSEN

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The 2000 European TV of the Year is using Cybertube

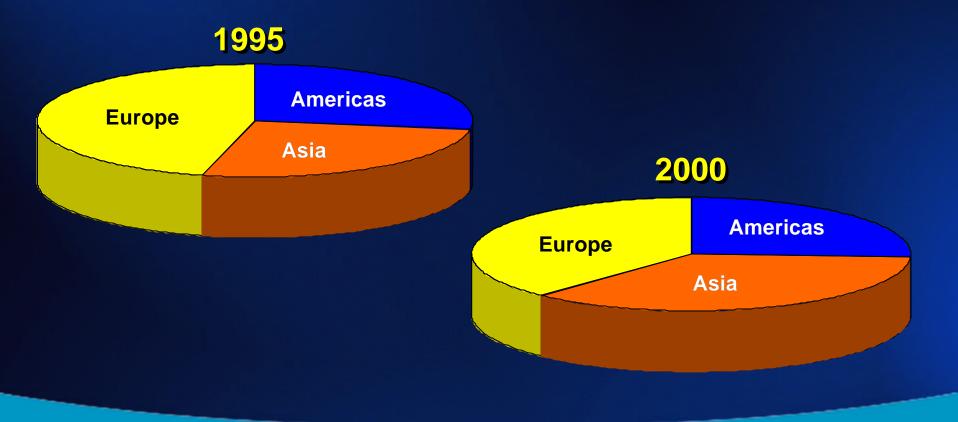






Our global presence is uniquely balanced!

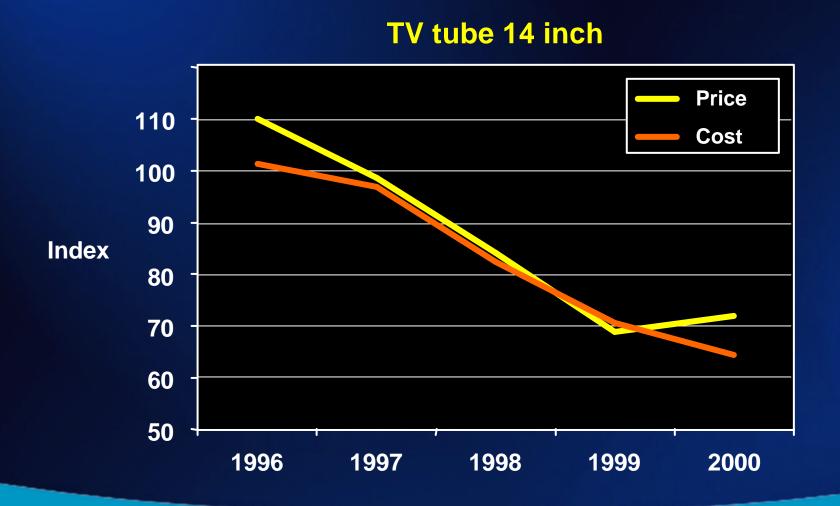
This is supported by our local industrial base.







We have been able to manage strong price decreases







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We will grasp high growth and high value added business opportunities in our display market

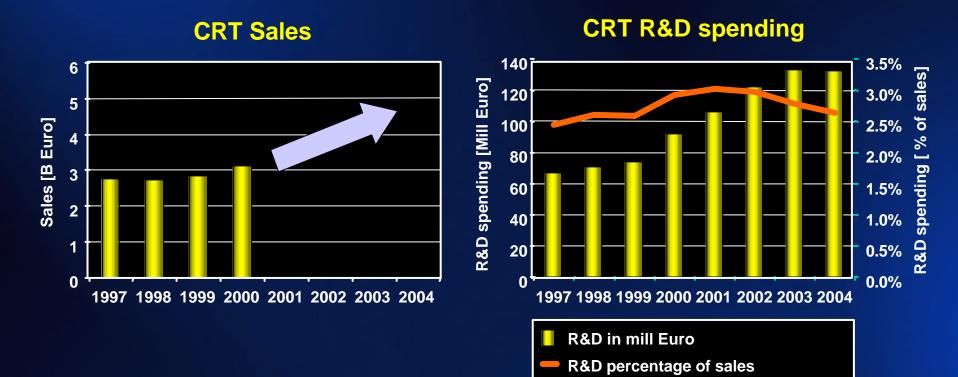
Focus on

- Winning customers through innovation and customer intimacy
- High growth segments: Jumbo expansion
- Cost competitiveness





Our sales growth is built on our R&D investments







To grow, we focus on big, flat, slim and high resolution

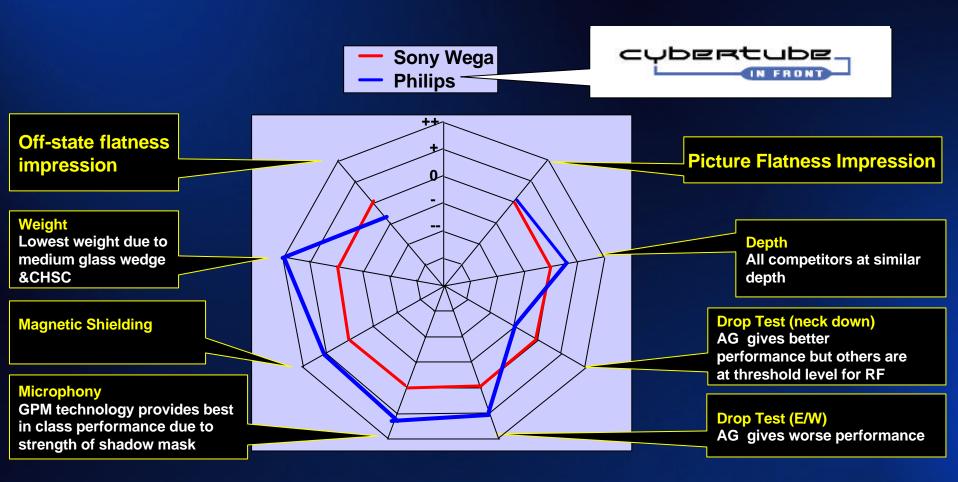


Let's make things better.



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Rolling out our unique flat technology - Cybertube



Our flat solution allows for fast and cheap implementation!







Using e-tools to optimize our supply chain and customer intimacy

- Electronic Key Account Management (ek@m TM)
 - Customer intimacy
 - Supply chain integration
 - Quality excellence
- eProcurement
 - B2B integration for strategic bill of materials
 - eCo-design with key suppliers
 - Ariba implementation for non product related purchases





We capture the growth in jumbo



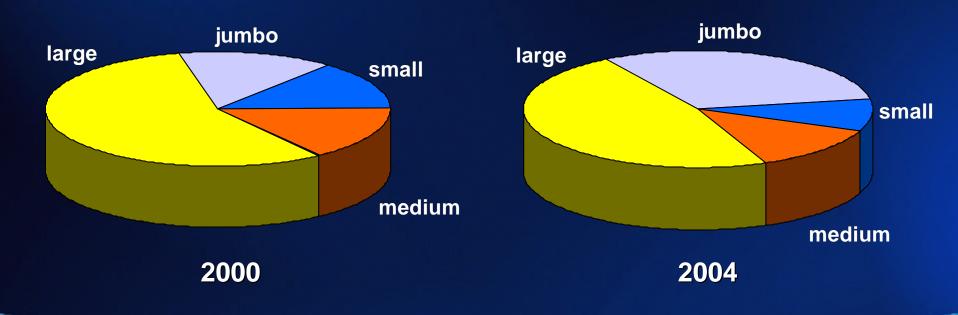




24% market share in jumbo TV tubes by 2004 (value)

Revenues per Segment

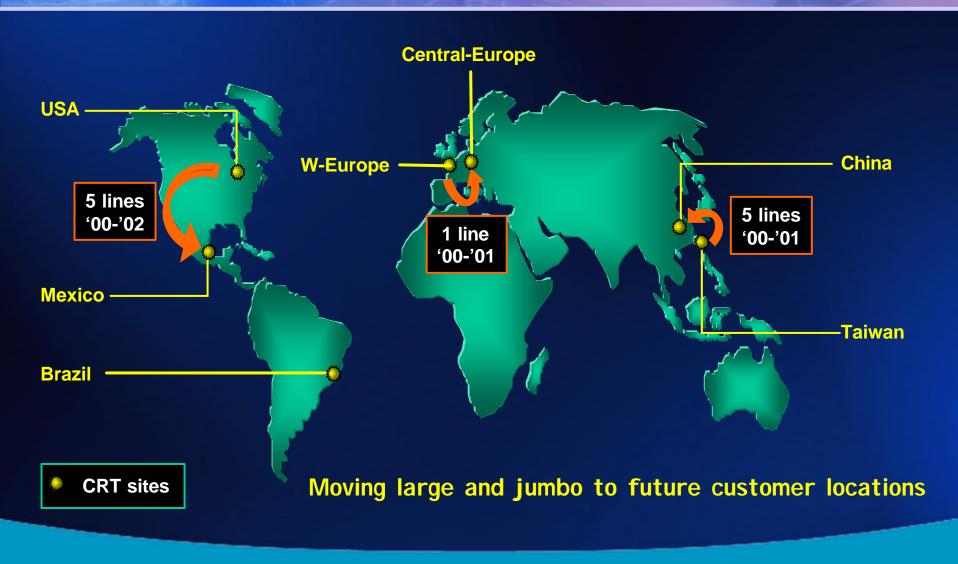
Jumbo sales







We have accelerated our restructuring effort



Let's make things better.



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Plasma is a consumer dream come true

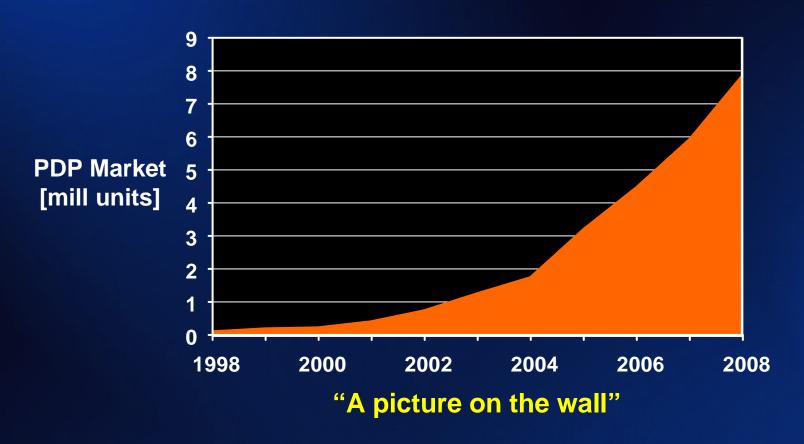


Let's make things better.



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A promising technology with high growth potential



Source: Philips BI





PDP market developments

- The 1999 biggest markets are Europe and North America
- At current price levels the main market is business application
- Market studies reveal that wall hanging televisions are very appealing to the consumers
- As prices will come down, the consumer market will develop





Our PDP Business Model

- We will support Philips Consumer Electronics in their ambitions in the Plasma market
- We will do this by concentrating on the panel module assembly and leveraging our in-house knowledge in
 - pixel structure simulation and addressing
 - digital signal processing
 - semiconductors
- We will purchase our parts from leading suppliers, enabling us to develop the business with limited investments and maintain flexibility.
- We will maximize value creation, while minimizing financial risk





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Summary

- We are number 1 in color picture tubes
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The CRT is an exciting business with growth opportunities, giving a tough time to new technologies.

Of new technologies, Plasma offers bright perspectives





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