



European Panel Industry

UNECE Market Discussions, Geneva, October 2007

Mr Ladislaus Döry

President of EPF

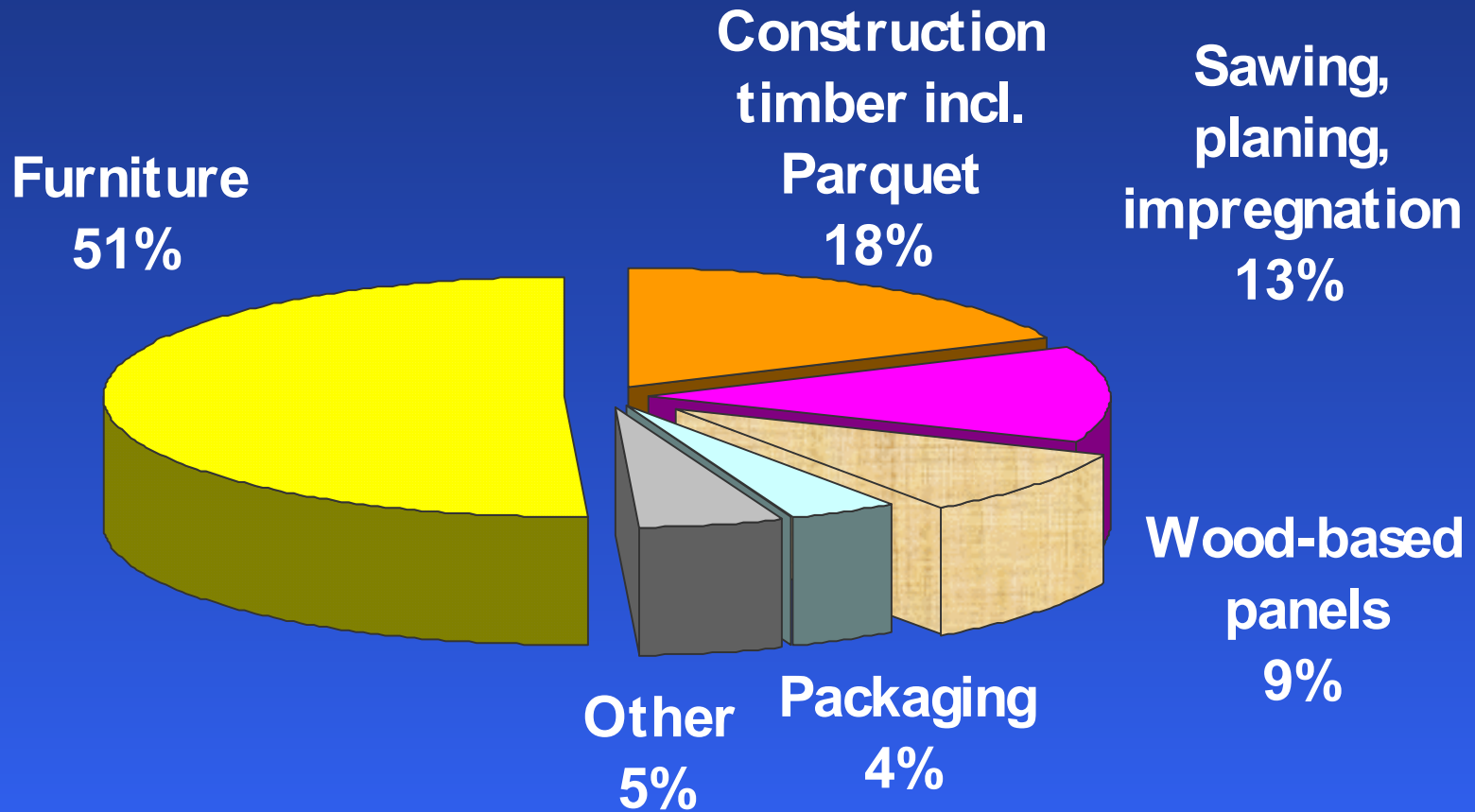
Member of the Board of Constantia

Ms Bénédicte Hendrickx

Economic adviser EPF

European Woodworking Industry

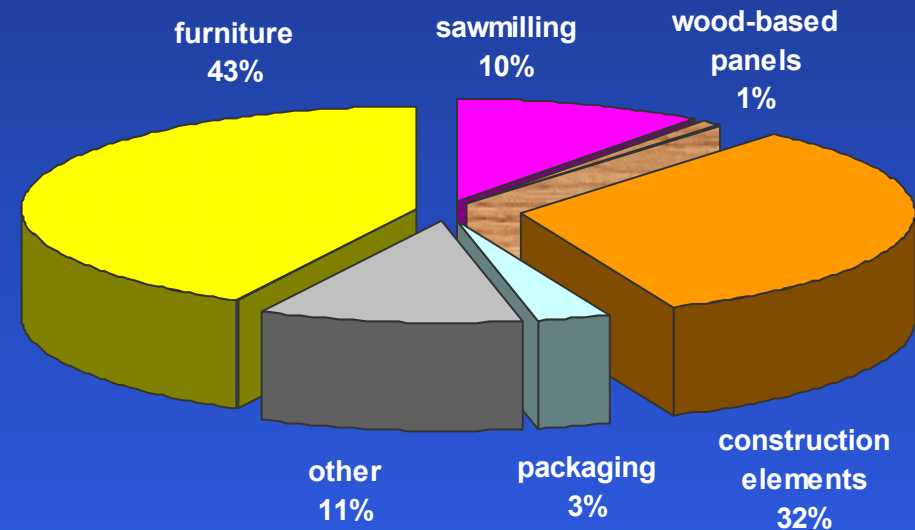
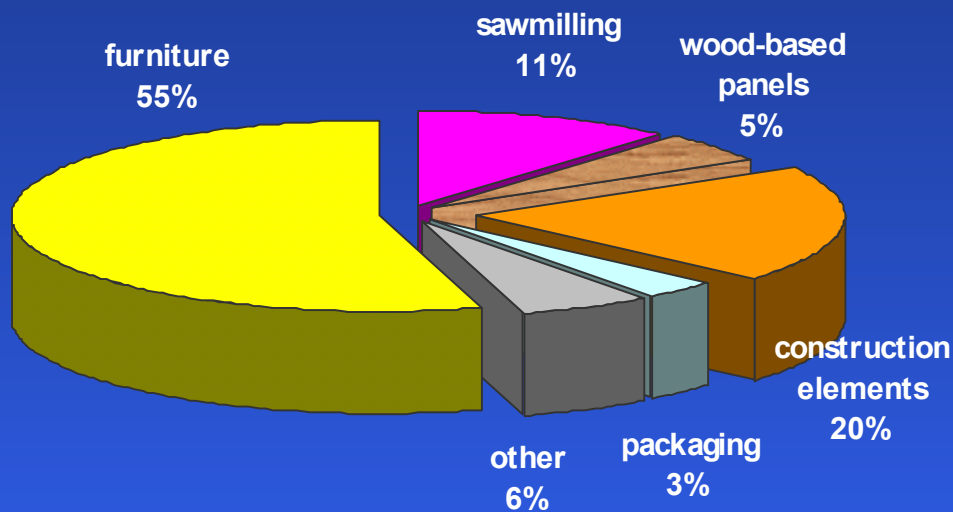
EUR 230 billion in EU-27



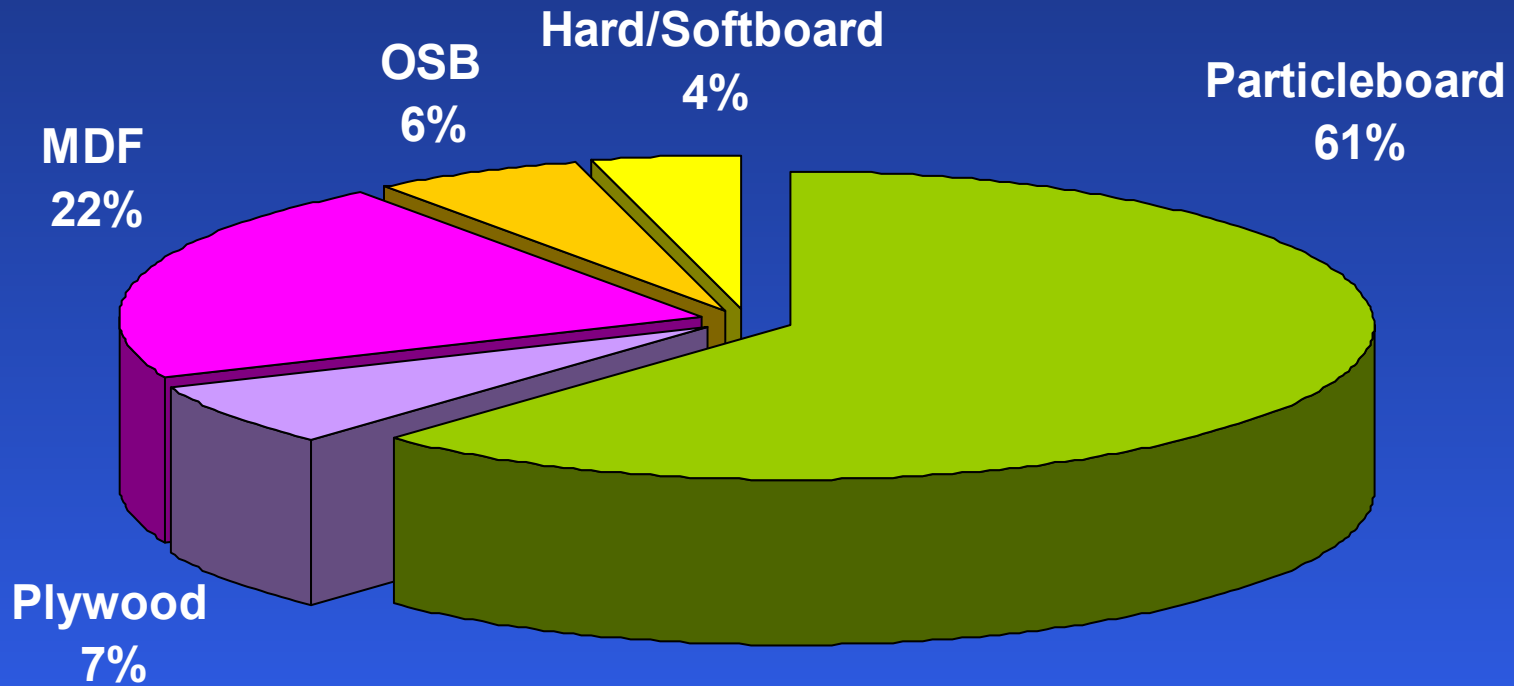
European Woodworking Industry

2.3 million jobs in EU-27

340,000 enterprises in EU-27



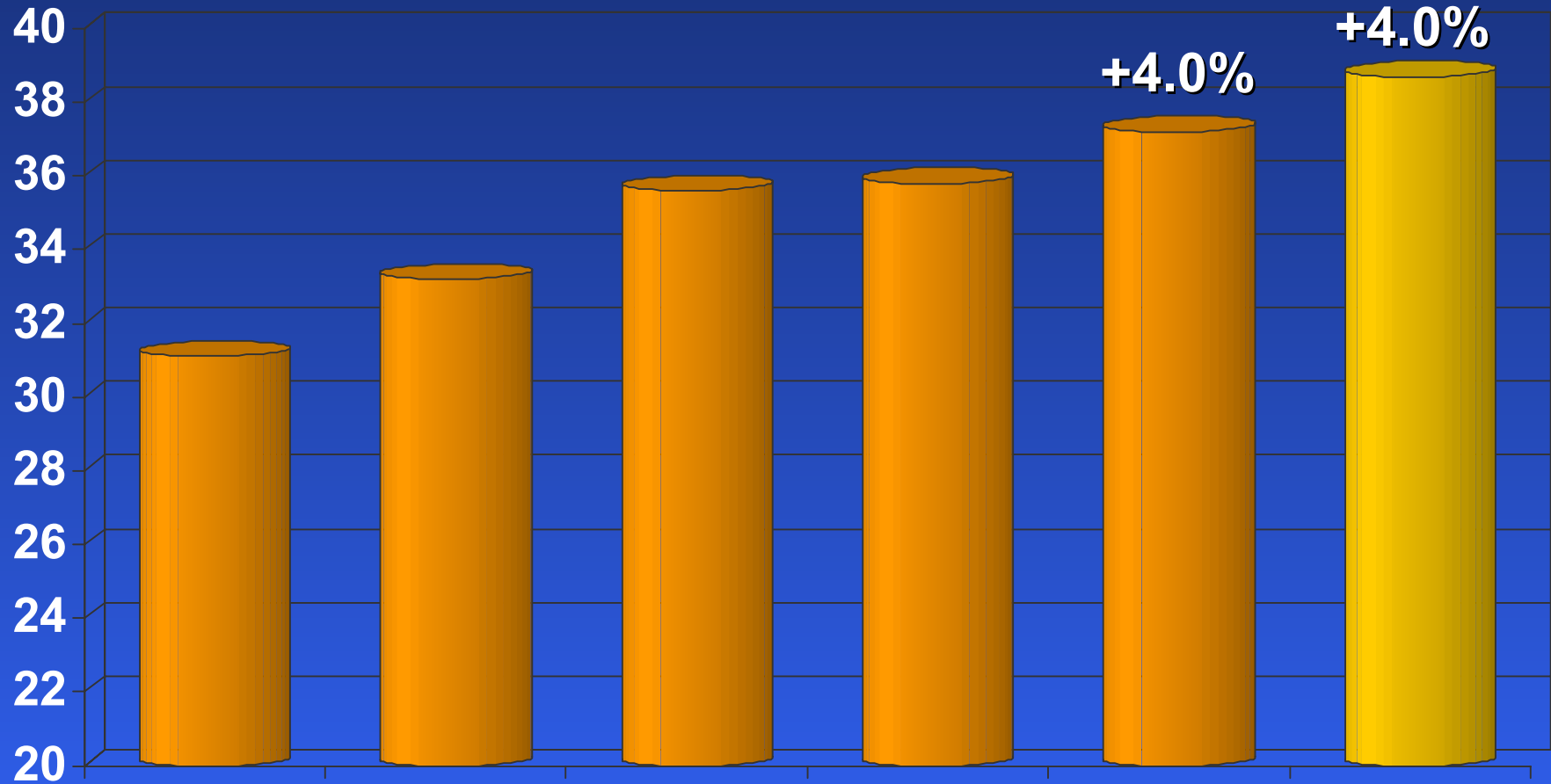
Wood-based Panels in Europe* 2006



Total : 60 million m³

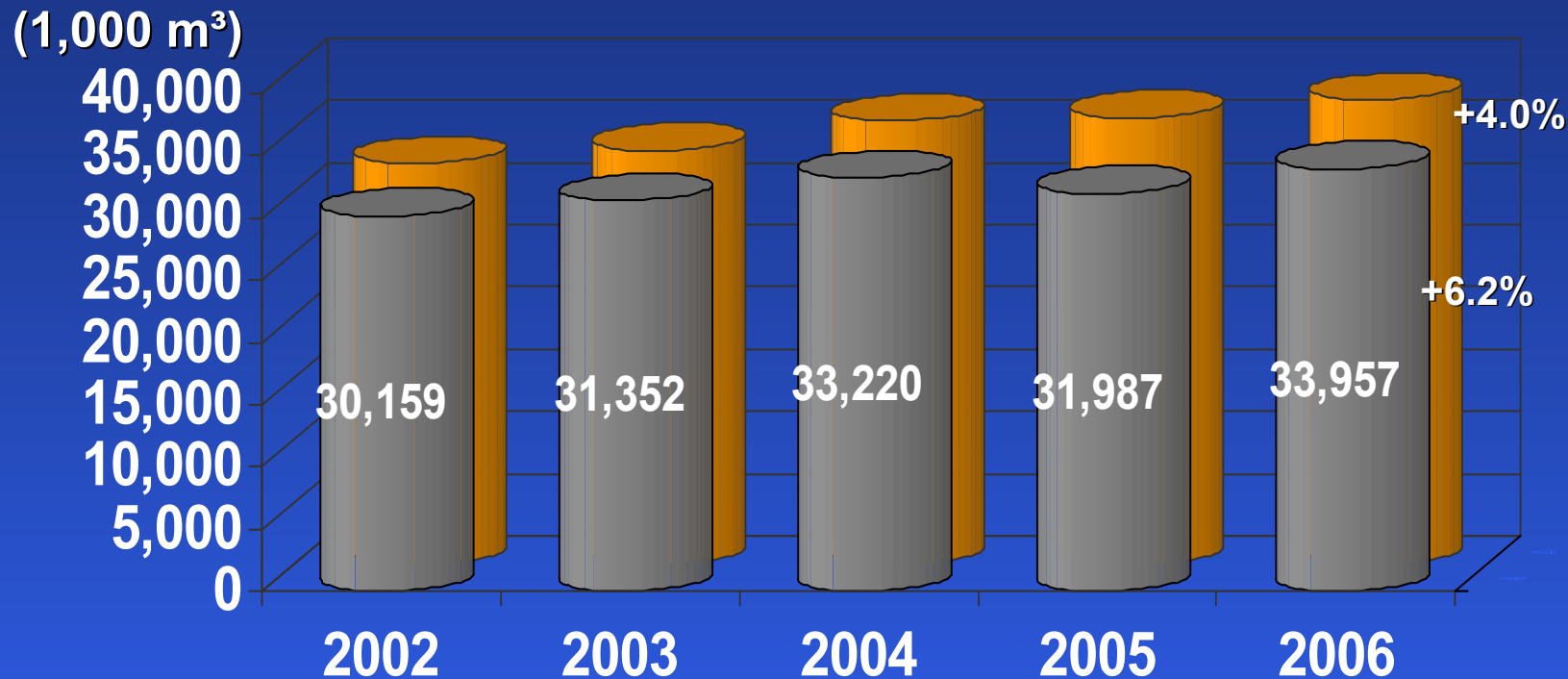
Annual Particleboard Production

(1000 m³)



In 2006: 37 million m³

Overview Particleboard Industry

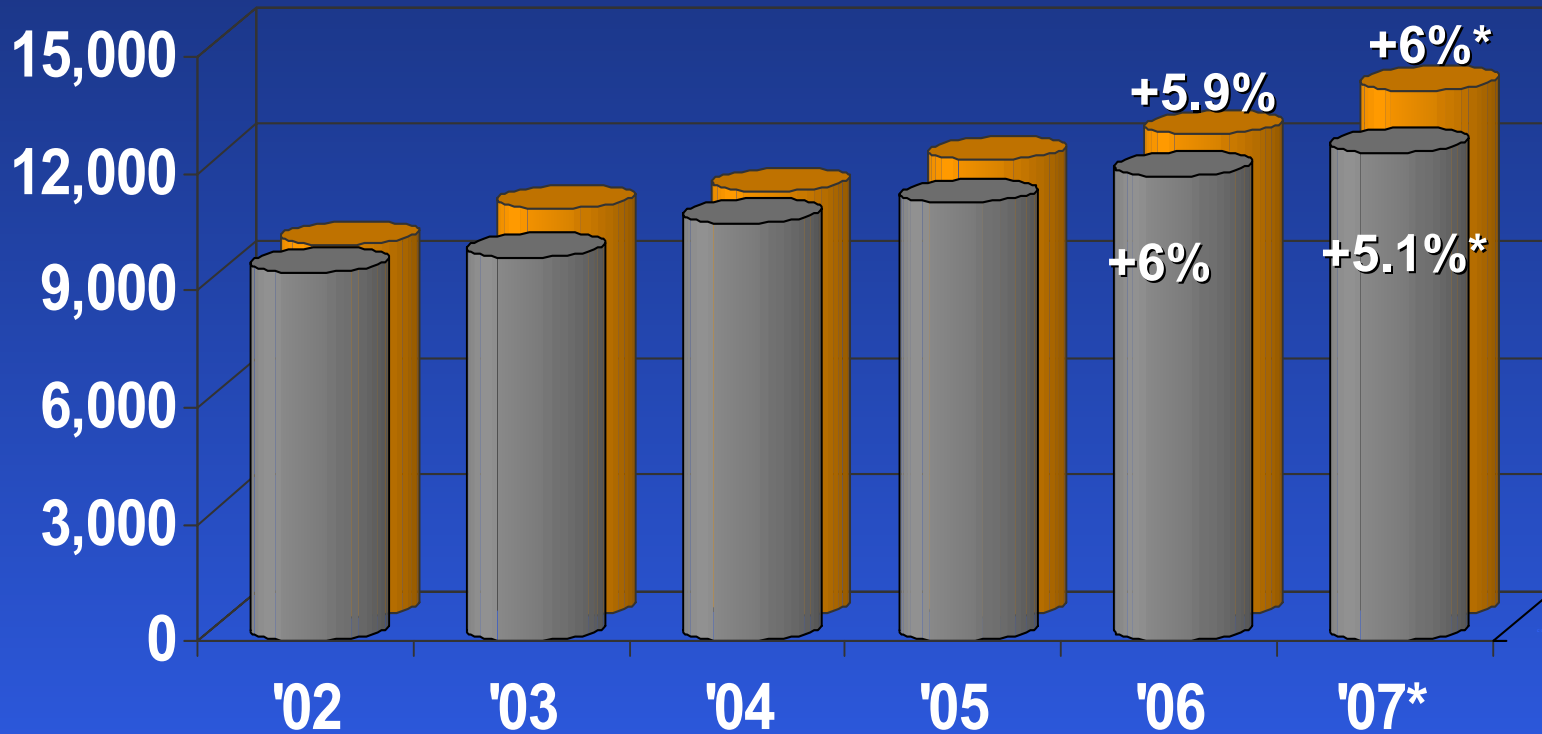


■ consumption ■ production

MDF Production in Europe

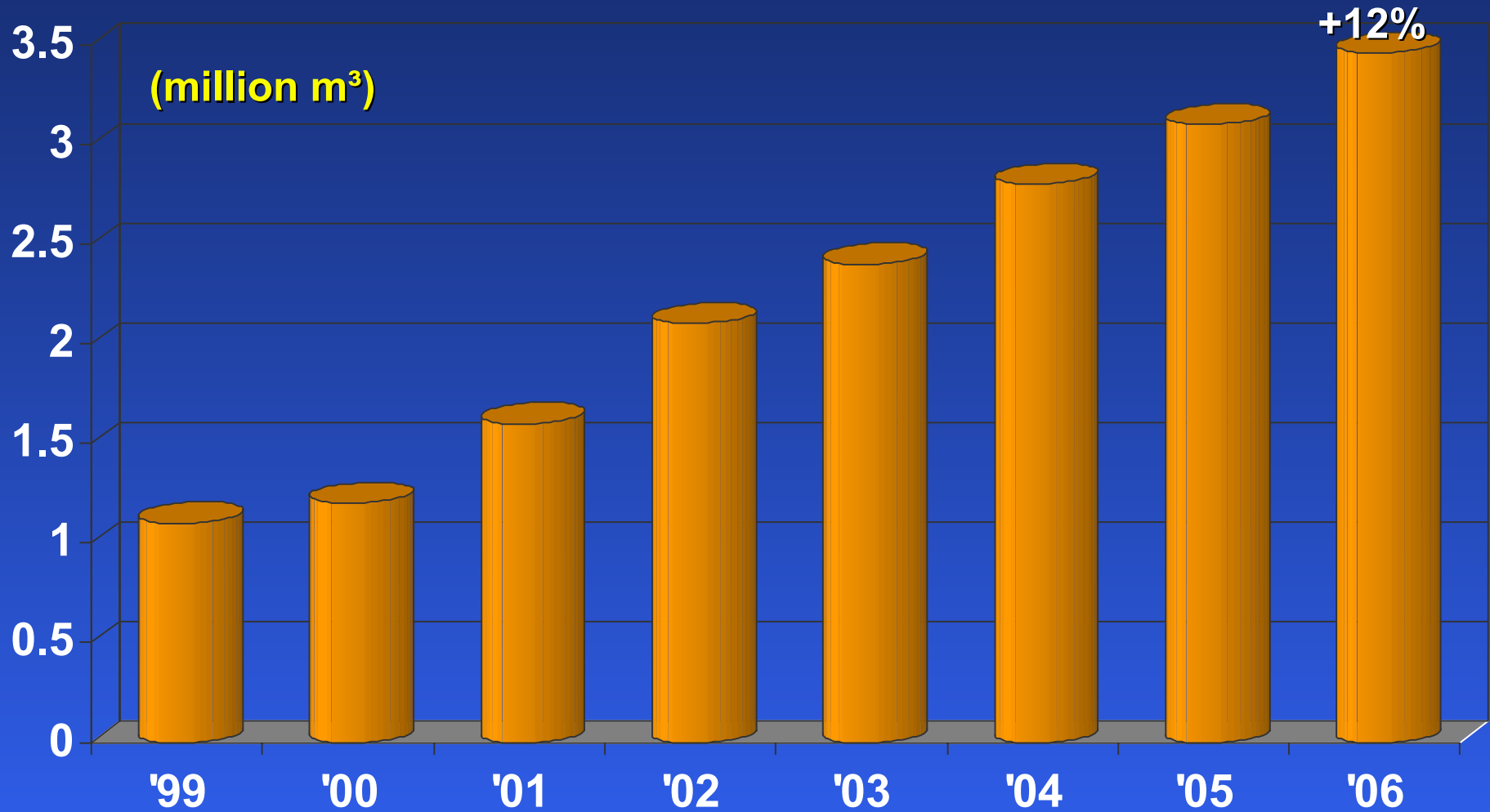


annual MDF Production / Consumption

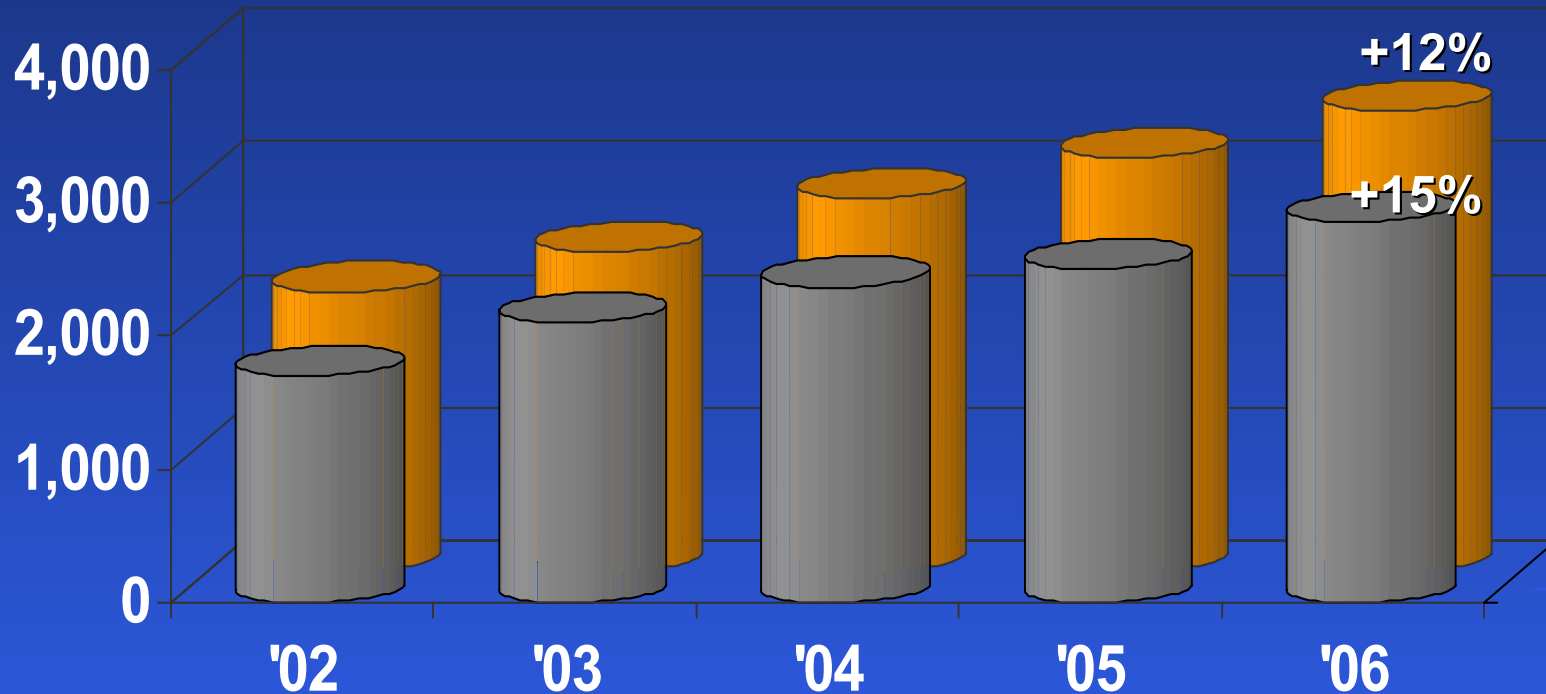


■ consumption ■ production

OSB Production in Europe

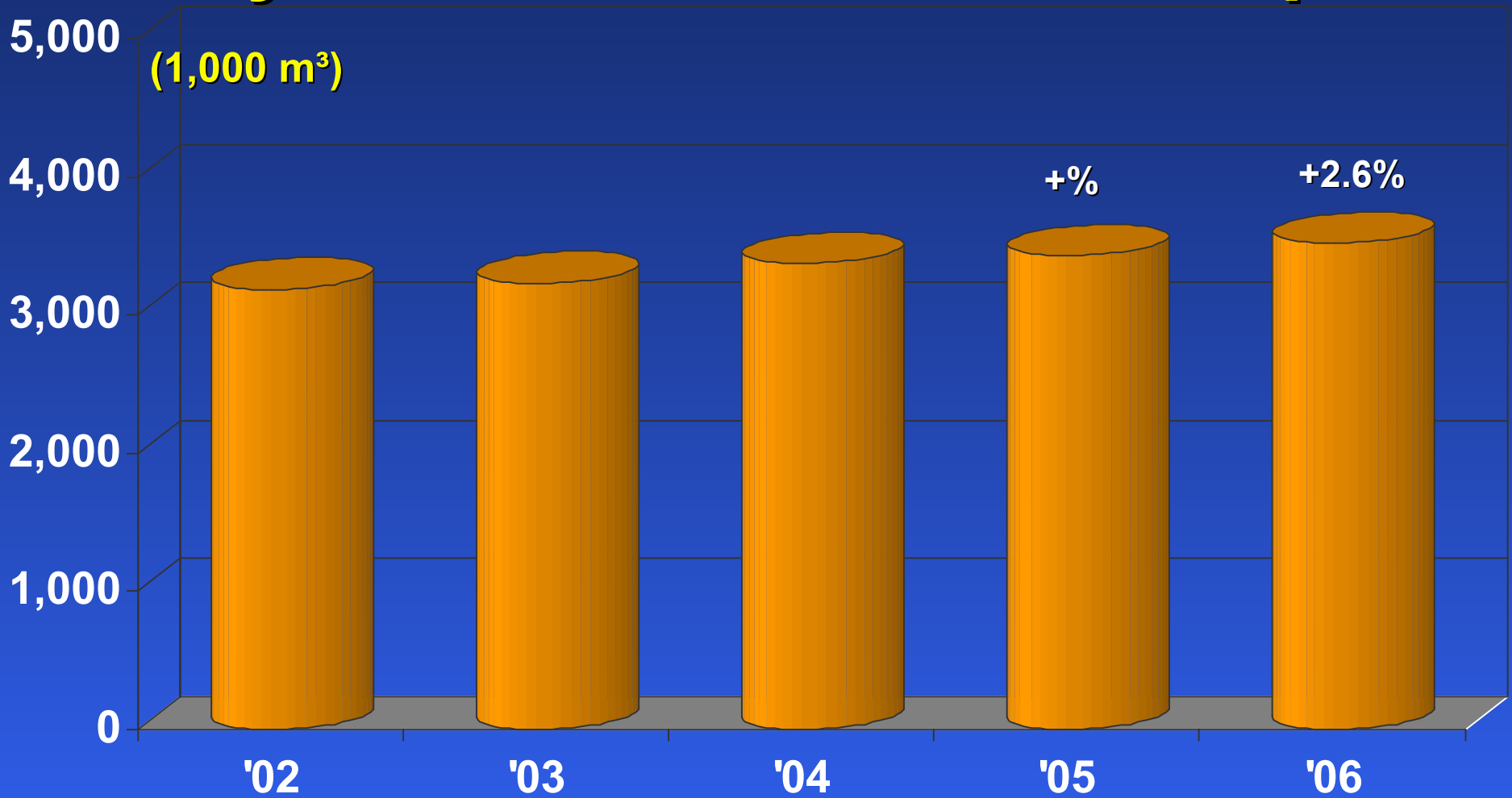


annual OSB Production / Consumption



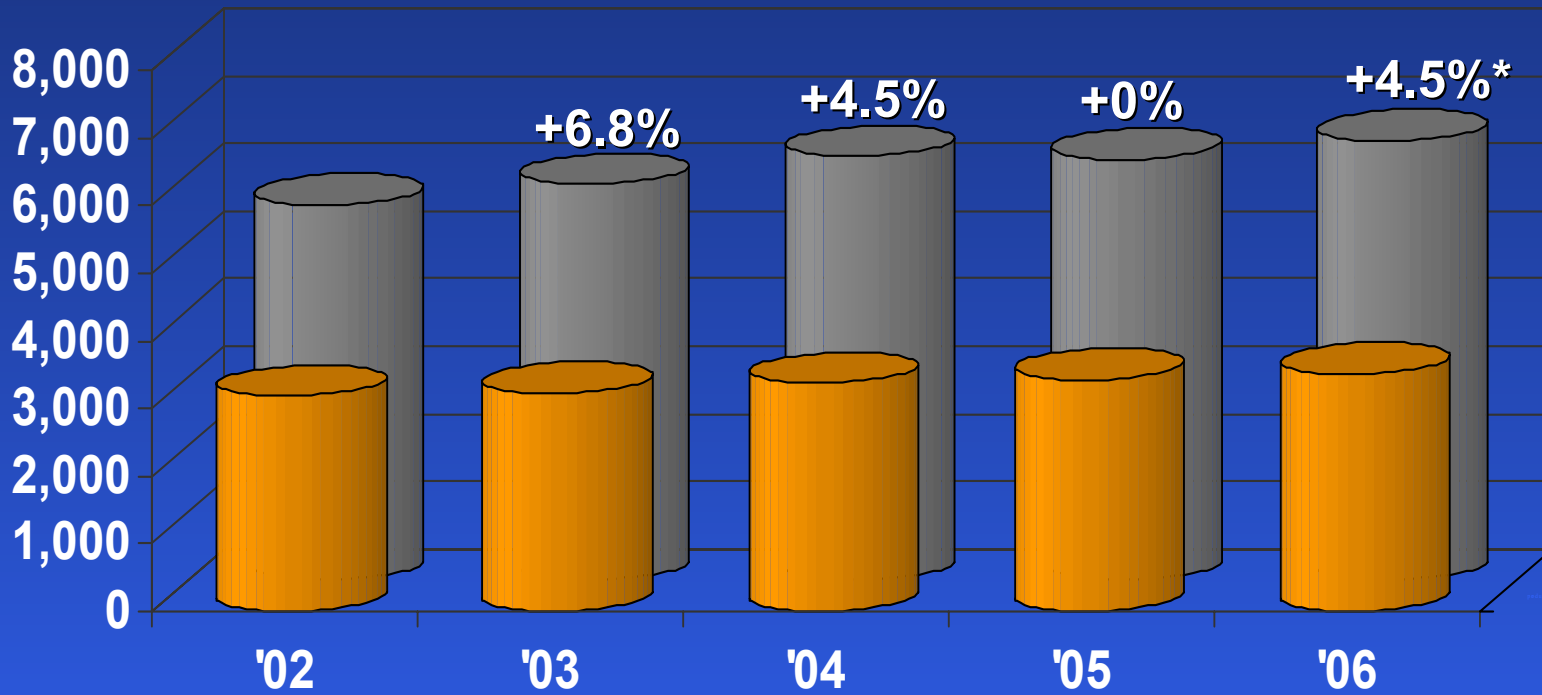
■ consumption ■ production

Plywood Production in Europe



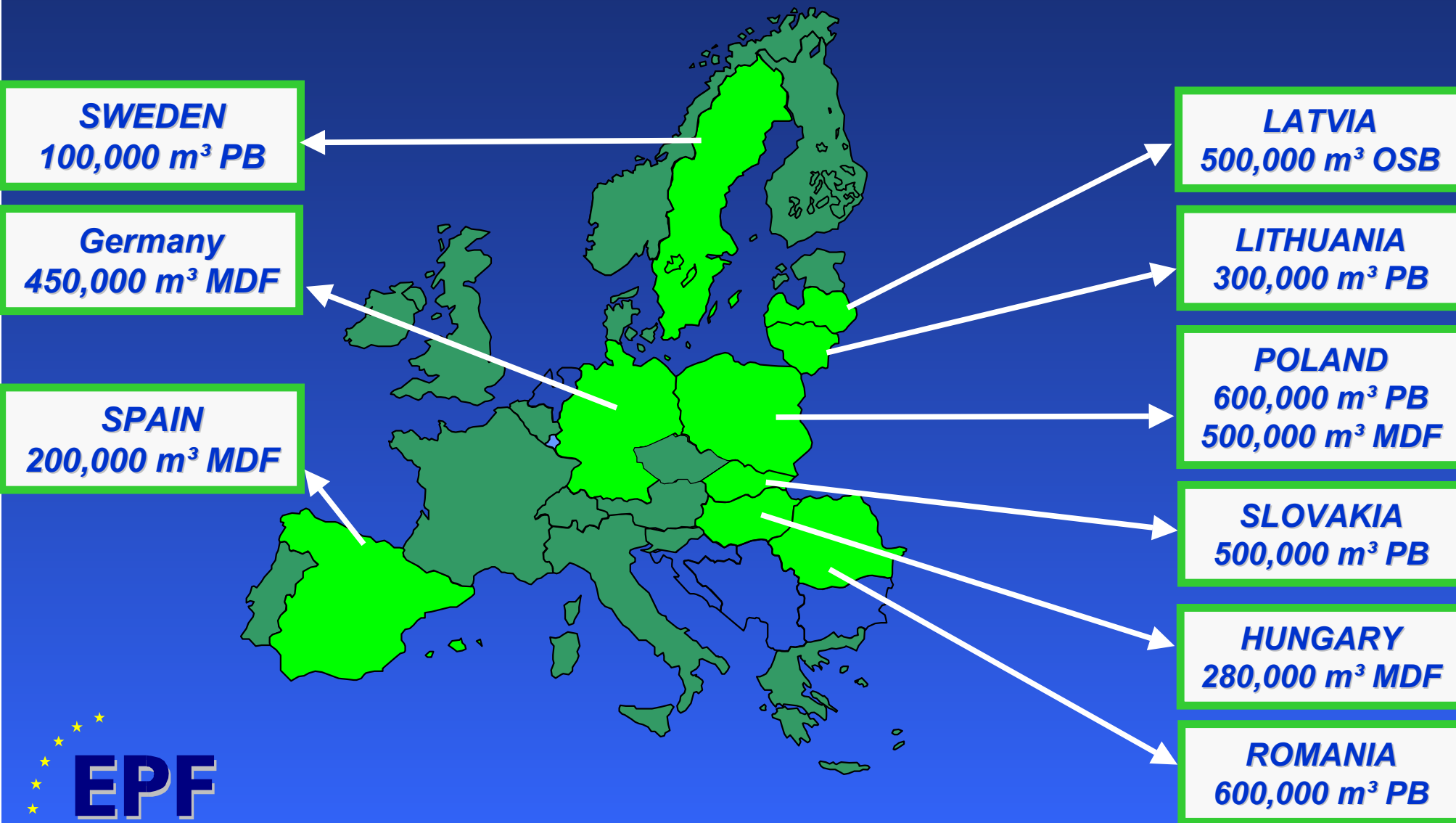
In 2006: 3.5 million m³ production

annual Plywood Production / Consumption



■ production ■ consumption

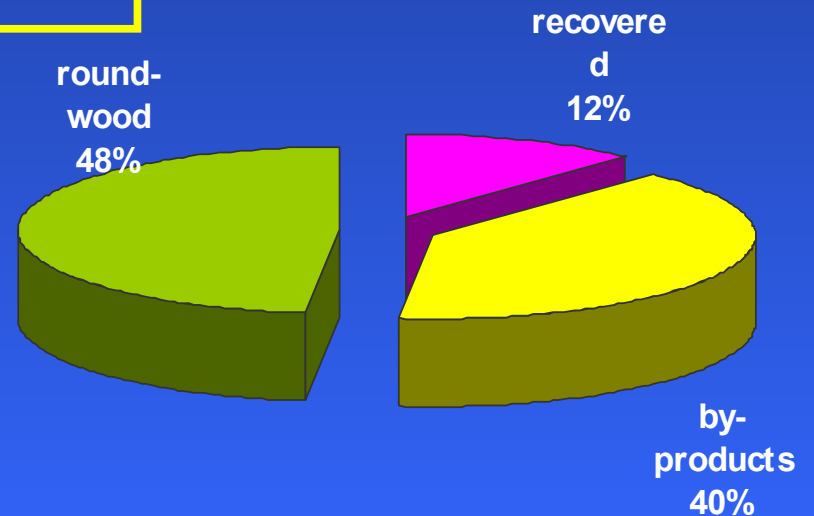
Capacity Extensions 2007-2009



Wood demand (2006)
41.4 mio dry tonnes

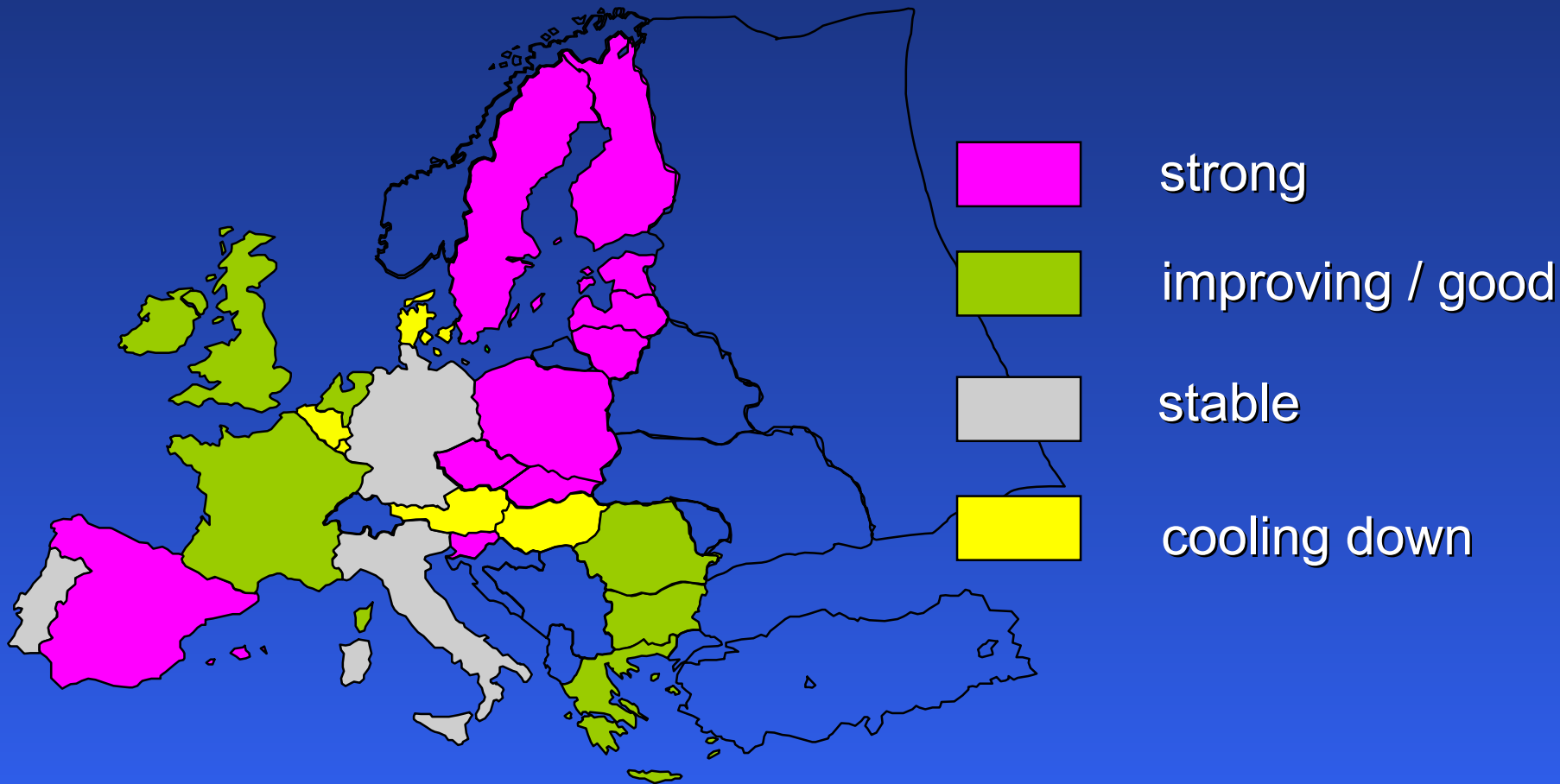


2.4 mio dry tonnes
additional
in 2008-2010

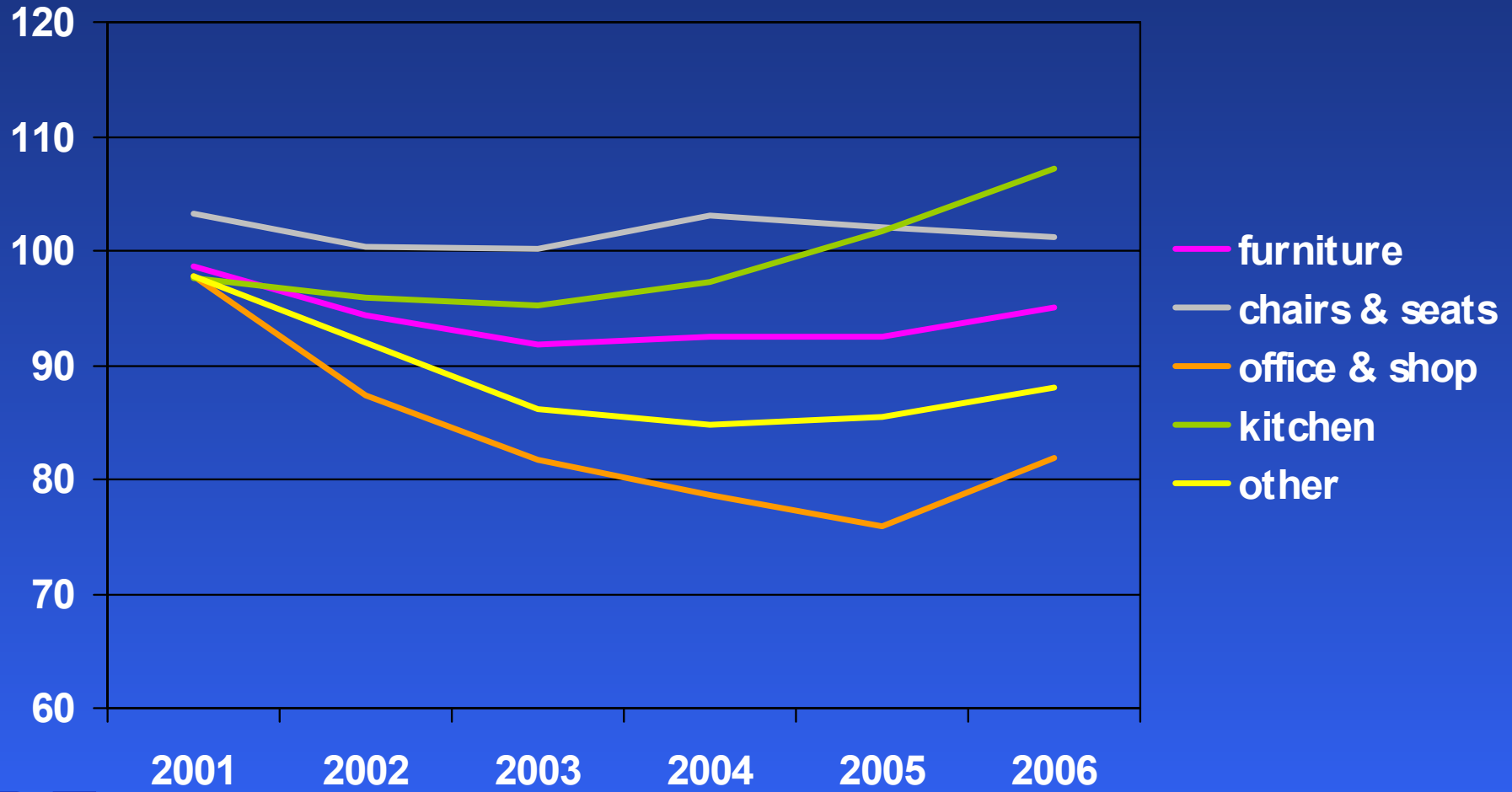


Trend of activity indicator - construction

compared with previous months



Production furniture index 2000 = 100

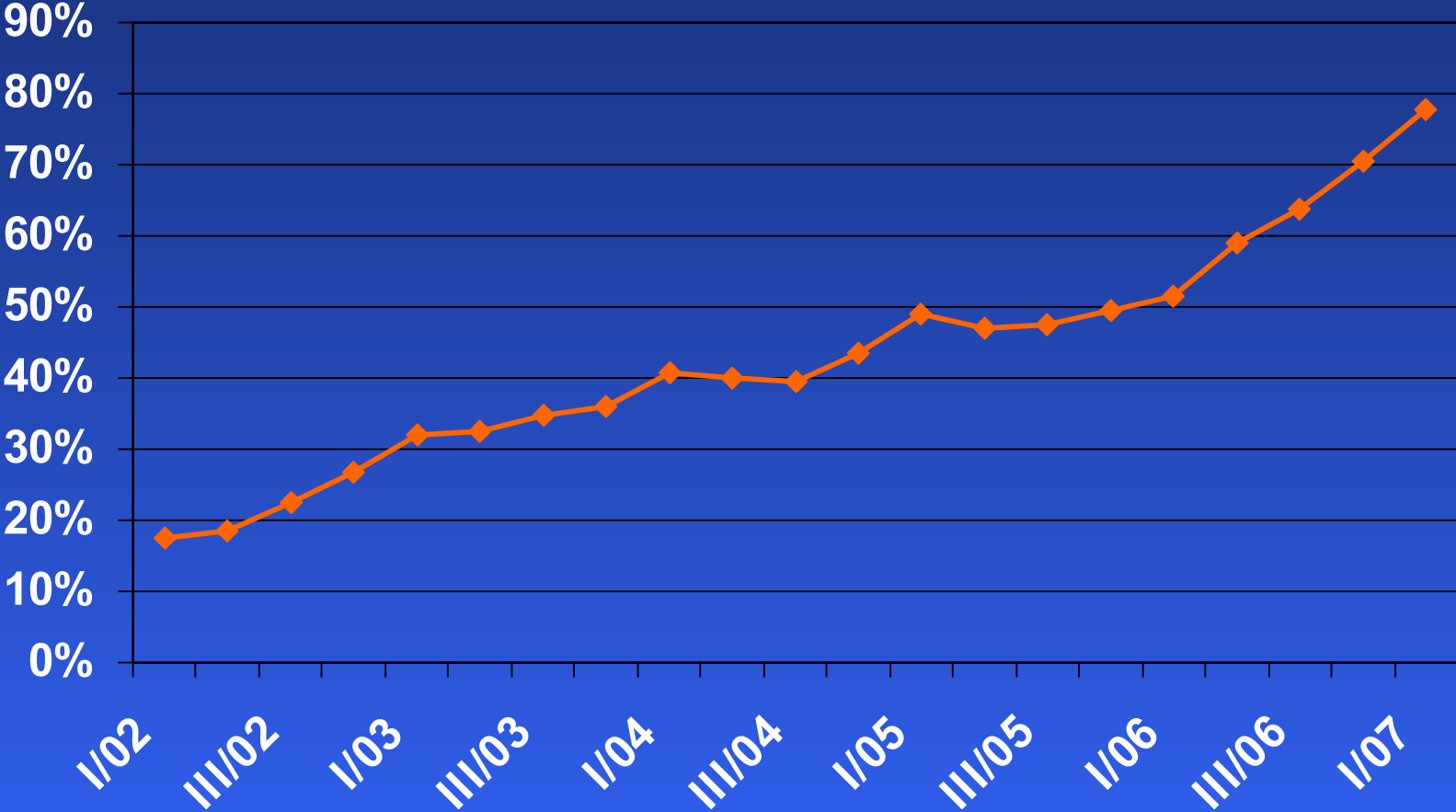


Source: European Commission

Challenges

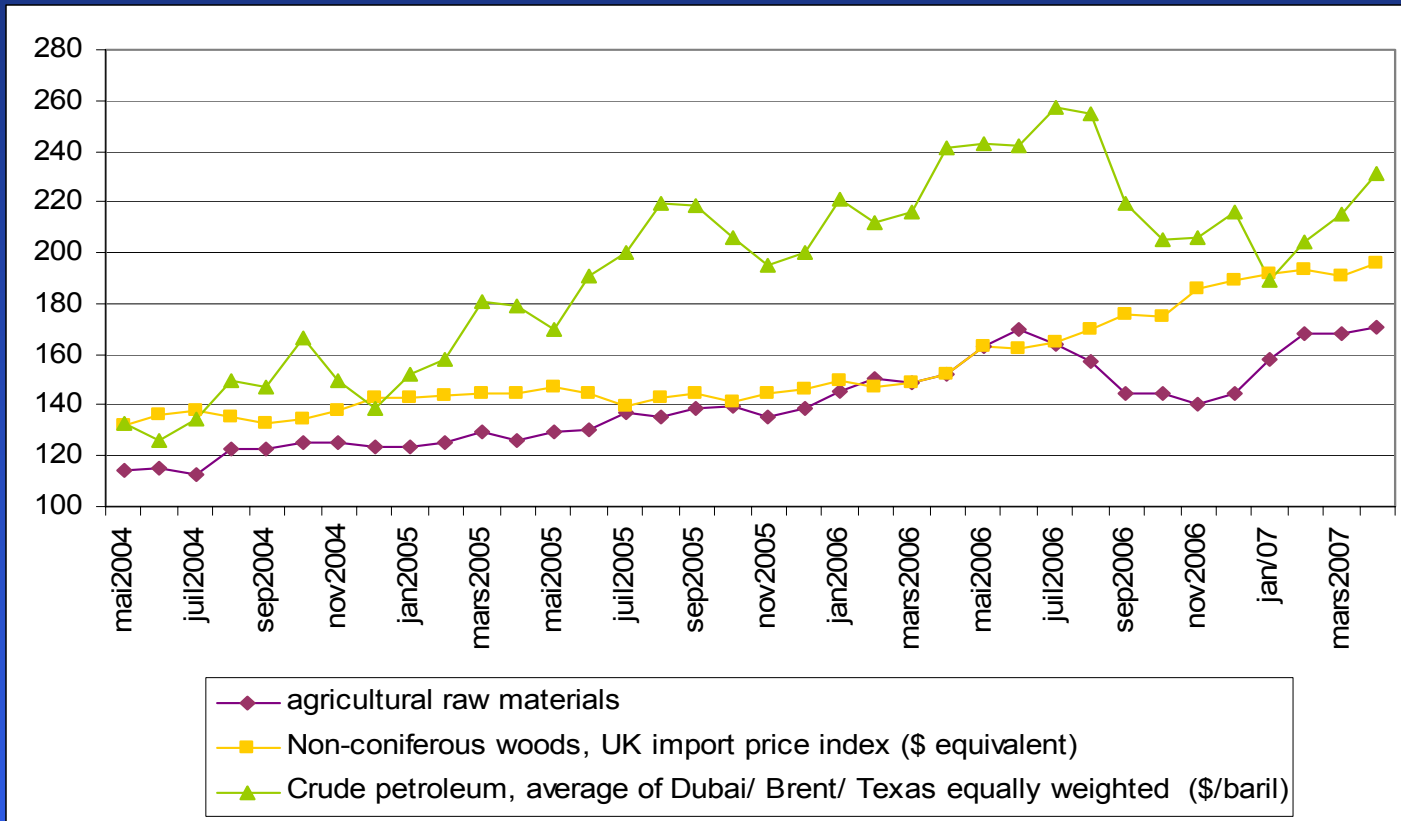
Evolution of Wood Costs in EU

January 2002 – March 2007

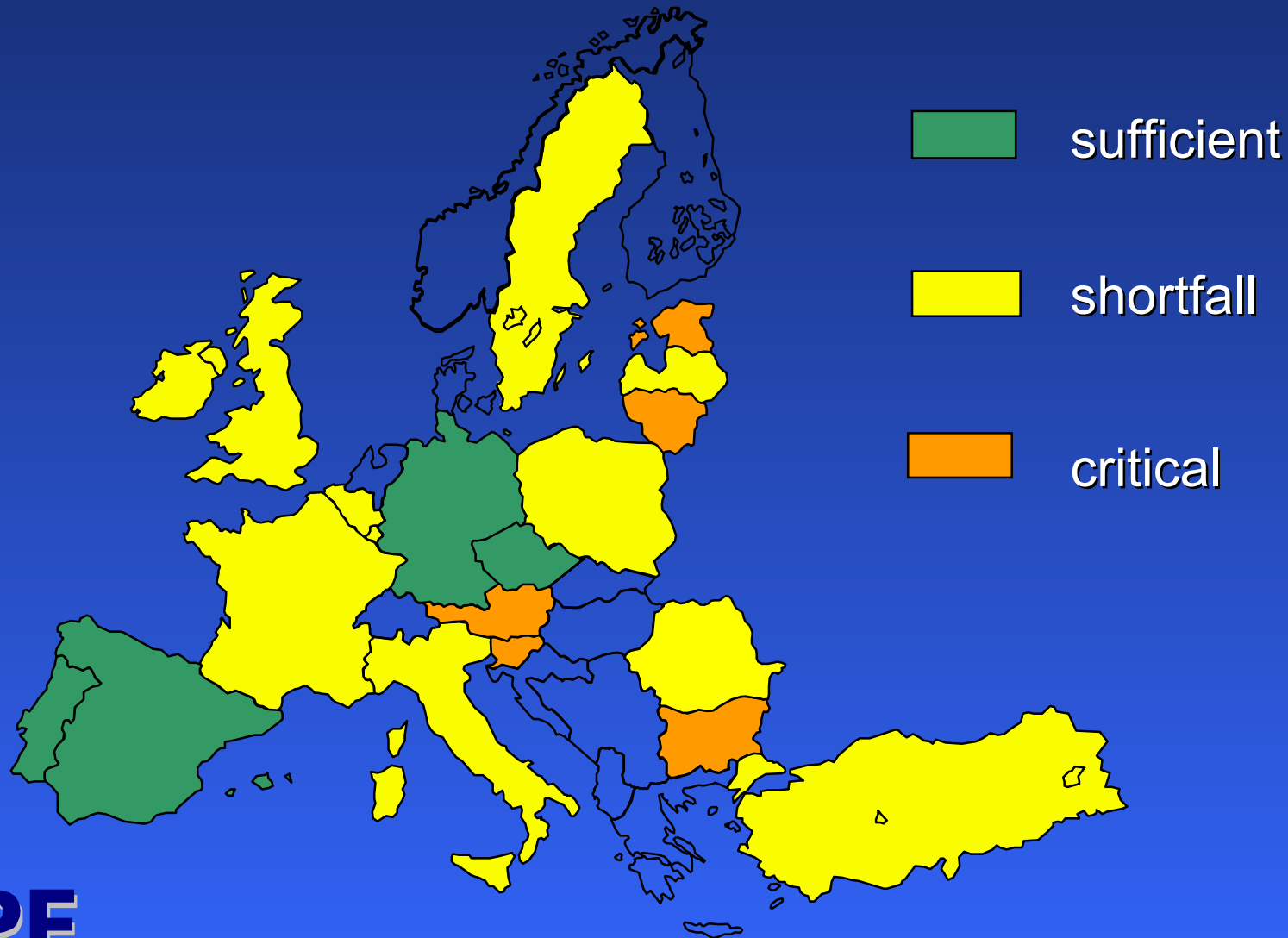


Wood oil price CPS (Unctad)

May 2004 – April 2007



Wood availability indicator 2Q2007



Key problems to wood mobilisation

- Forest inventories are very inaccurate
- Small forest owners are difficult to persuade to enter the wood markets
- Large forest owners are not interested in market share. Higher wood prices allow them to earn what they need by cutting less
- RES policy is directing the long term price of wood to its energy content, thereby linking it to fossil fuel prices

**Build POSITIVE Information
Flow About Wood and Wood-
Based Products**

Wood tackles climate change

European Commission states:

- *Wood plays a major role in combating climate change*
- *Greater use of wood products will :*
 - ✓ *stimulate the expansion of Europe's forests, and*
 - ✓ *reduce greenhouse gas emissions,*
 - ✓ *by substituting for fossil fuel intensive products*
- *The Commission is examining ways to encourage these trends*

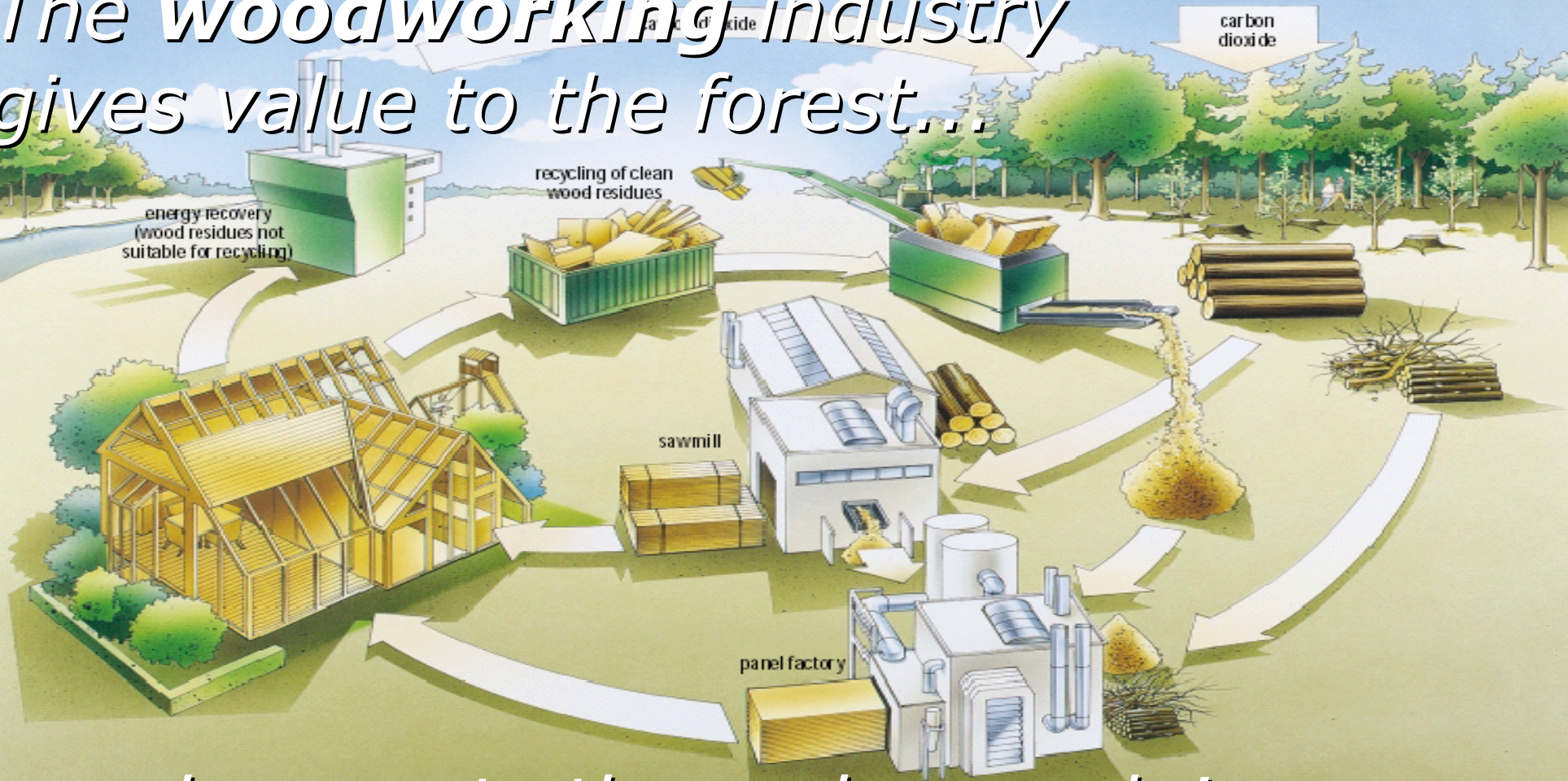
Tackle climate change: use wood!

The science

“It has been estimated that an annual 4% increase to 2010 in Europe’s wood consumption would sequester an additional 150 million tonnes of CO₂ per year and that the market value of this environmental service would be about € 1.8 billion a year”

CEI-Bois Roadmap 2010, Executive Summary, 2004

The woodworking industry gives value to the forest...



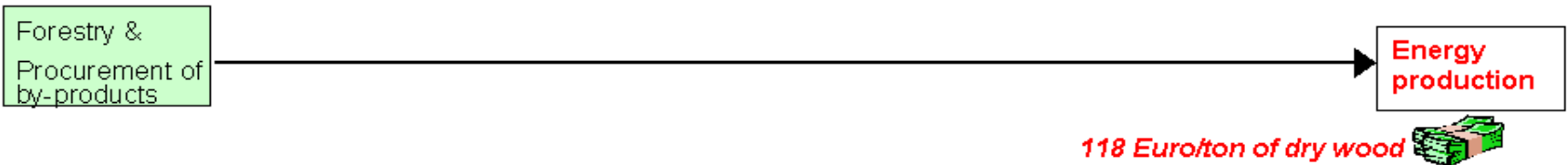
...and respects the carbon cycle!

Added Value Chains Compared

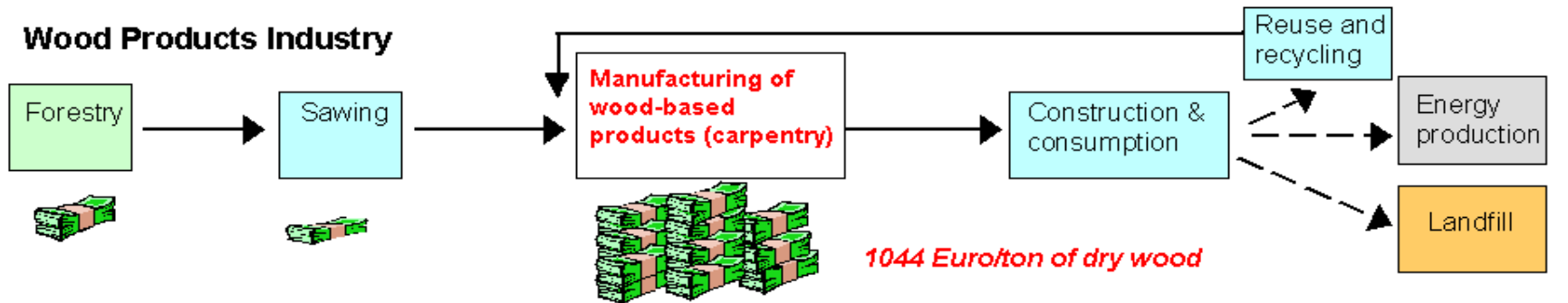
VALUE ADDED

 = 100 Euro/ton of dry wood

Bioenergy



Wood Products Industry



Multiplication Factor 10

(FBI Forum, 2003)

Social Value Chains Compared

EMPLOYMENT

 = 2 man-hours/ton of dry wood

Bioenergy

Forestry & procurement of by-products

 2 man-hours/ton of dry wood

Energy production

Wood Products Industry

Forestry



Sawing



Manufacturing of wood-based products (carpentry products)



54 man-hours/ton of dry wood

Construction & consumption

Reuse and recycling

Energy production

Landfill

Multiplication Factor 30

(FBI Forum, 2003)

EPF Recommends:

- **Use Wood BEFORE Burning It!**
- **Respect the value and employment chains of wood!**
- **Use MORE wood-based products:** they are eco-efficient and mitigate Climate Change

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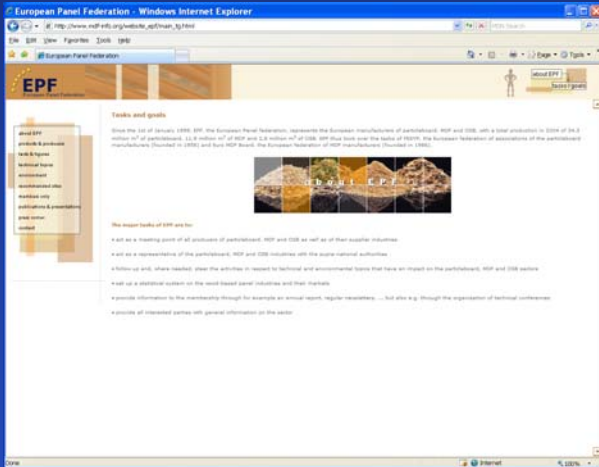
EPF Recommends:

- **Mobilise more wood** by:
 - Optimising use of net annual forest growth
 - More efficient use of harvest residues
 - Improved logistic/technical facilities
 - Promoting afforestation & short rotation forestry
 - **Identifying Unknown Forest Owners**
- Enhance wood recycling/recovery practices and stimulate **selective** collection of recovered wood

EPF Recommends:

- **Focus all Biomass Action Plans on wood mobilisation**
 - Always involve the wood-based sector using their competence in the forest-wood chain
 - This will allow to take account of the specific regional/local situation
- **Encourage efficient use of wood biomass energy, (e.g. CHP)**
- **Stop subventions to industrial and energy-inefficient installations as they distort competition**

More information:



www.europanel.org

www.mdf-info.org

www.osb-info.org

