

Global Trade of Wood and Paper Products

By Ed Pepke

Forest Products Marketing Specialist

UNECE/FAO Timber Section, Geneva, Switzerland

With statistical preparation by

Jyri Hietala

University of Helsinki, Finland



Society of Wood Science and Technology Convention
10-12 November 2008, Concepción, Chile



Subjects

- I. Overview of developments
- II. Global forest products market trends
- III. Trade flow trends
- IV. Market drivers
- V. Future prospects
- VI. Questions and discussion

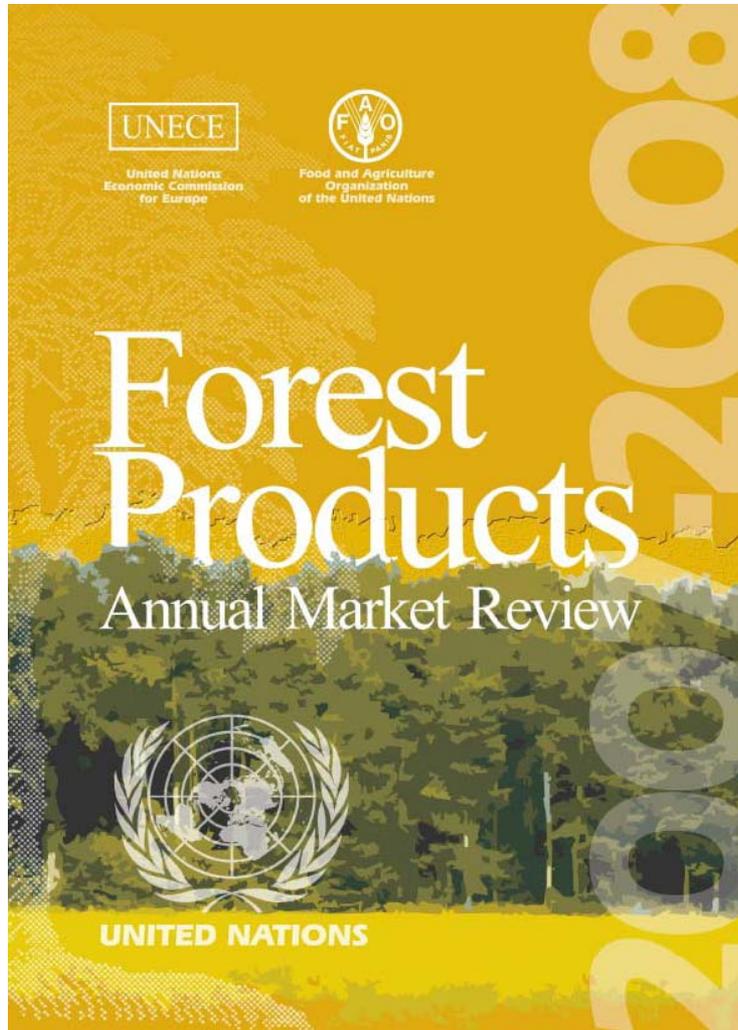


Acknowledgements

- SWST, especially Dr. Jim Bowyer
- Jyri Hietala, statistical preparations
- Reviewers in UNECE/FAO Timber Section, Geneva



Main sources of information



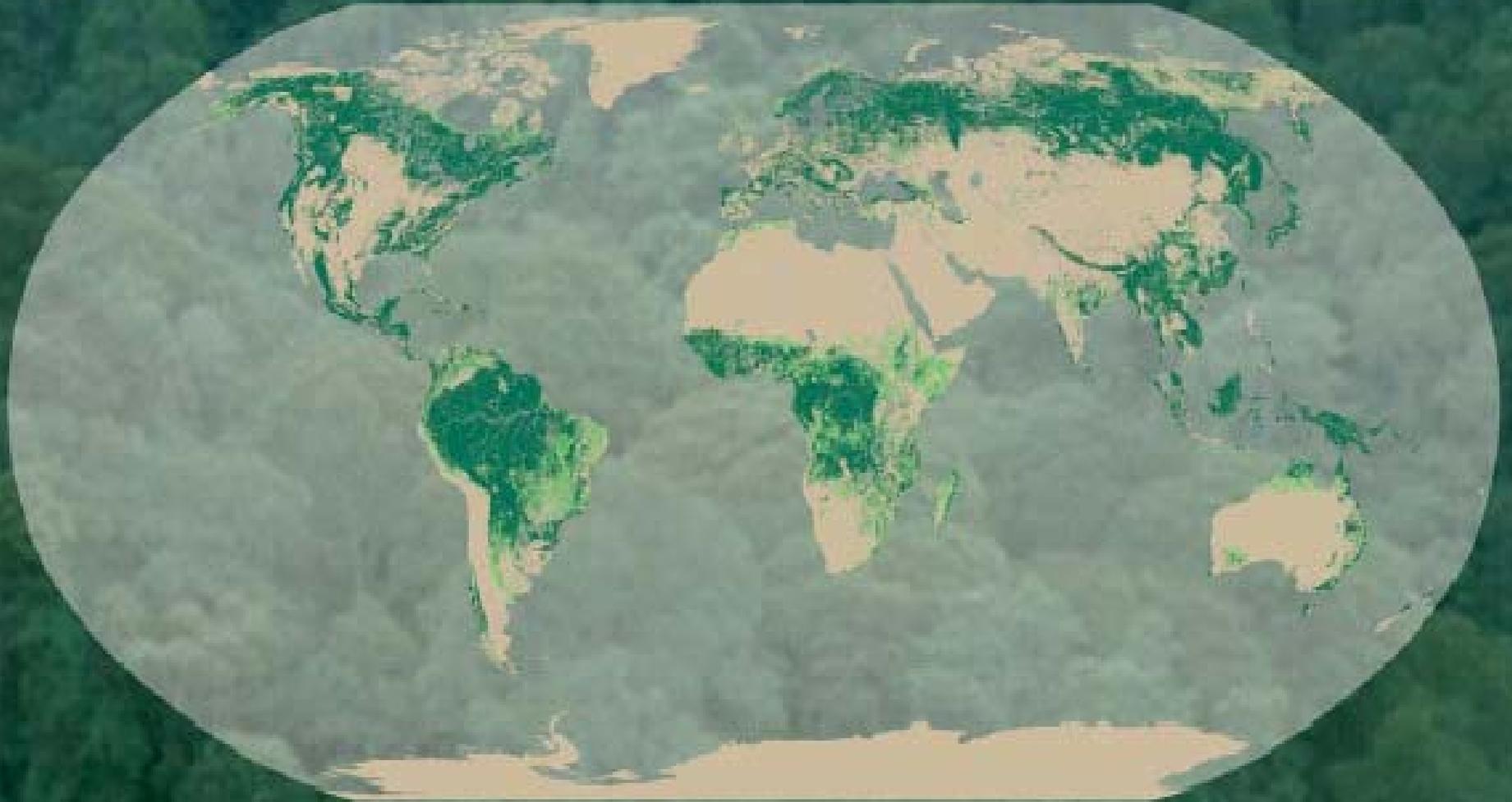
- UNECE/FAO *Forest Products Annual Market Review, 2007-2008*
- UNECE/FAO TIMBER database
- FAO Statistics
- *State of Europe's Forests 2007* by Ministerial Conference for the Protection of Forests in Europe/UNECE/FAO
- *State of the World's Forests 2007*, FAO
- UN Comtrade validated by European Forest Inst.



Society of Wood Science and Technology Convention
10-12 November 2008, Concepción, Chile



I. Overview of developments



Globalization of forest products trade

- Increasing affecting local economies, governments and organizations
- Positive for consumers
- Negative for importing countries' manufacturing



Products covered

- Roundwood
 - Industrial roundwood
 - Wood fuel
- Sawnwood (lumber), panels
- Pulp and paper
- Value-added products



Global, with emphasis on major trade

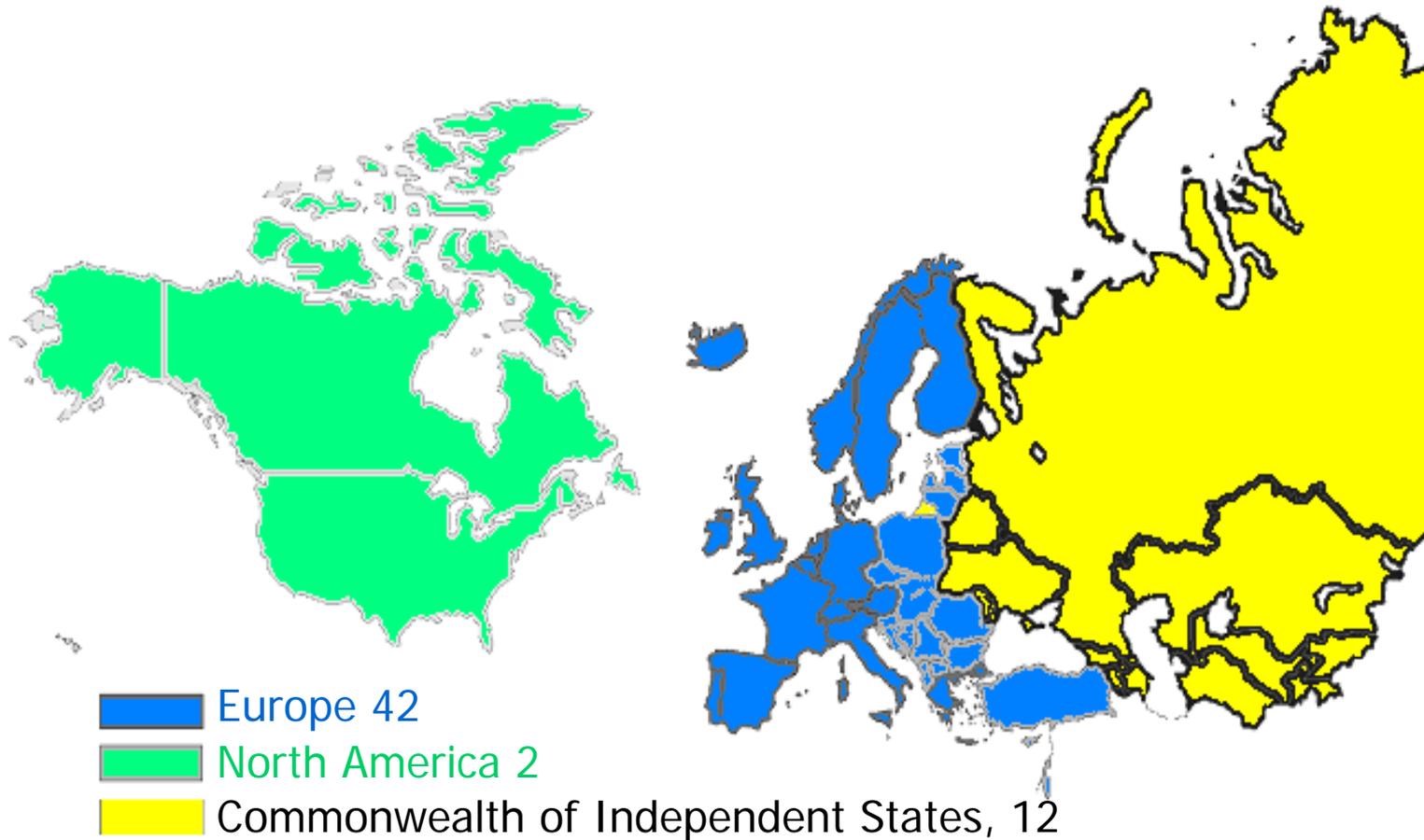
- North America (Canada and US)
- Latin America (Central and South America only, focus on Chile)
- Europe
- CIS (mainly Russian Federation)
- Asia (mainly China)



Society of Wood Science and Technology Convention
10-12 November 2008, Concepción, Chile



UN Economic Commission for Europe region



Society of Wood Science and Technology Convention
10-12 November 2008, Concepción, Chile



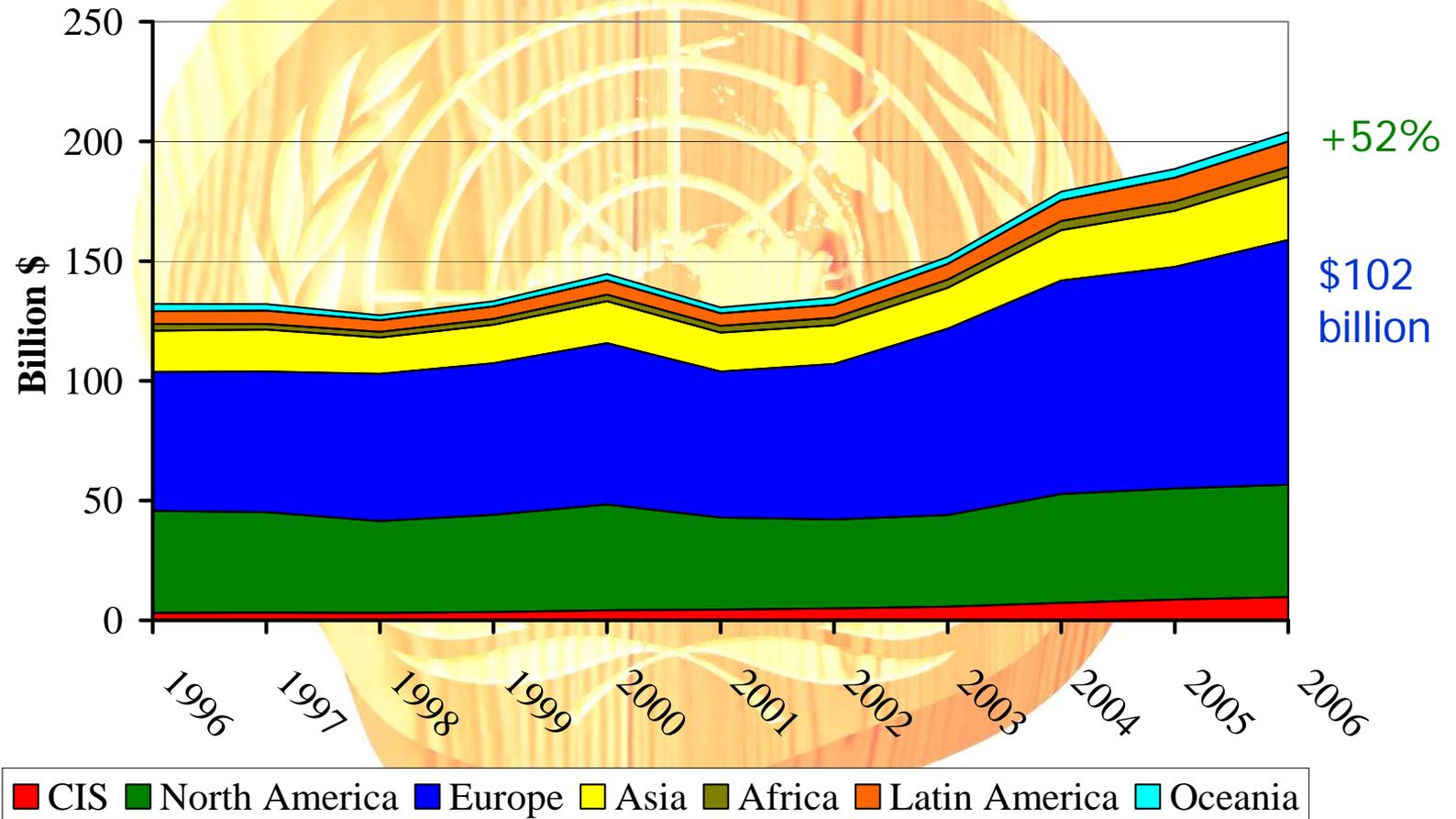
II. Global forest products market trends



Society of Wood Science and Technology Convention
10-12 November 2008, Concepción, Chile



Export Value of Wood and Paper Products



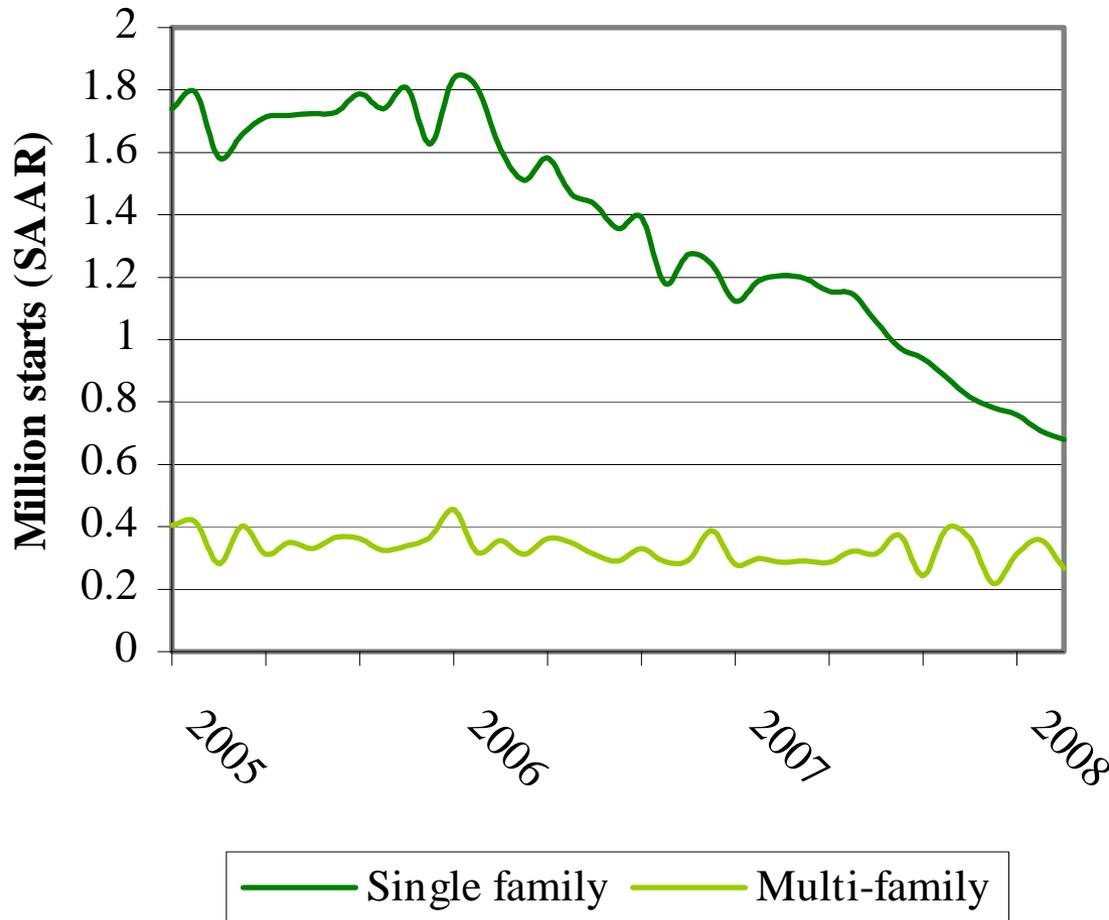
Source: FAO, 2008.



Society of Wood Science and Technology Convention
10-12 November 2008, Concepción, Chile



N. America's dramatic downturn – US housing starts



90% of Canada's lumber went to the US.

Crash in lumber demand reflected in prices, imports.

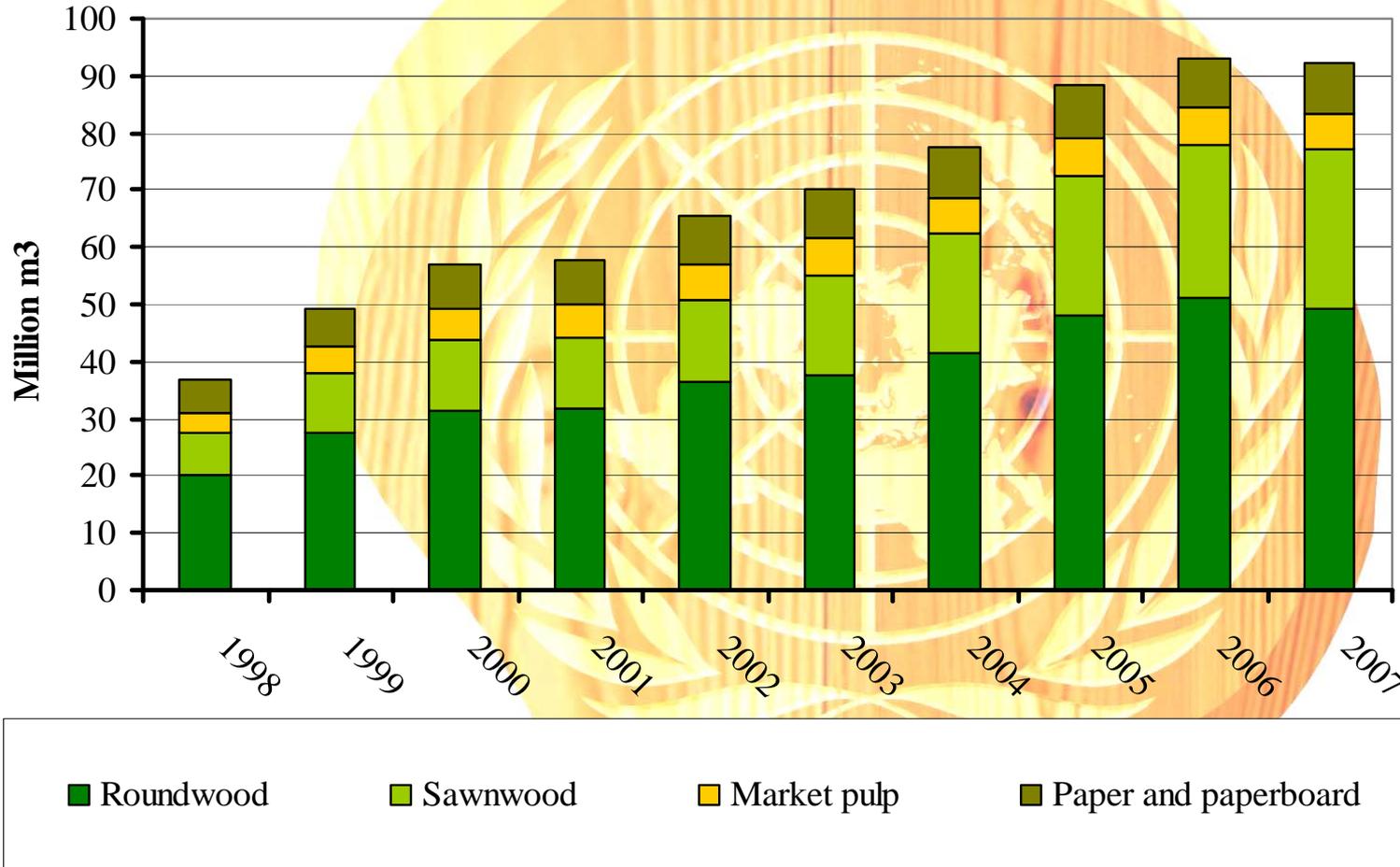
Source: US Census Bureau, 2008.



Society of Wood Science and Technology Convention
10-12 November 2008, Concepción, Chile



Russian wood and paper exports



Roundwood exports falling with taxes, forest sector reorganization

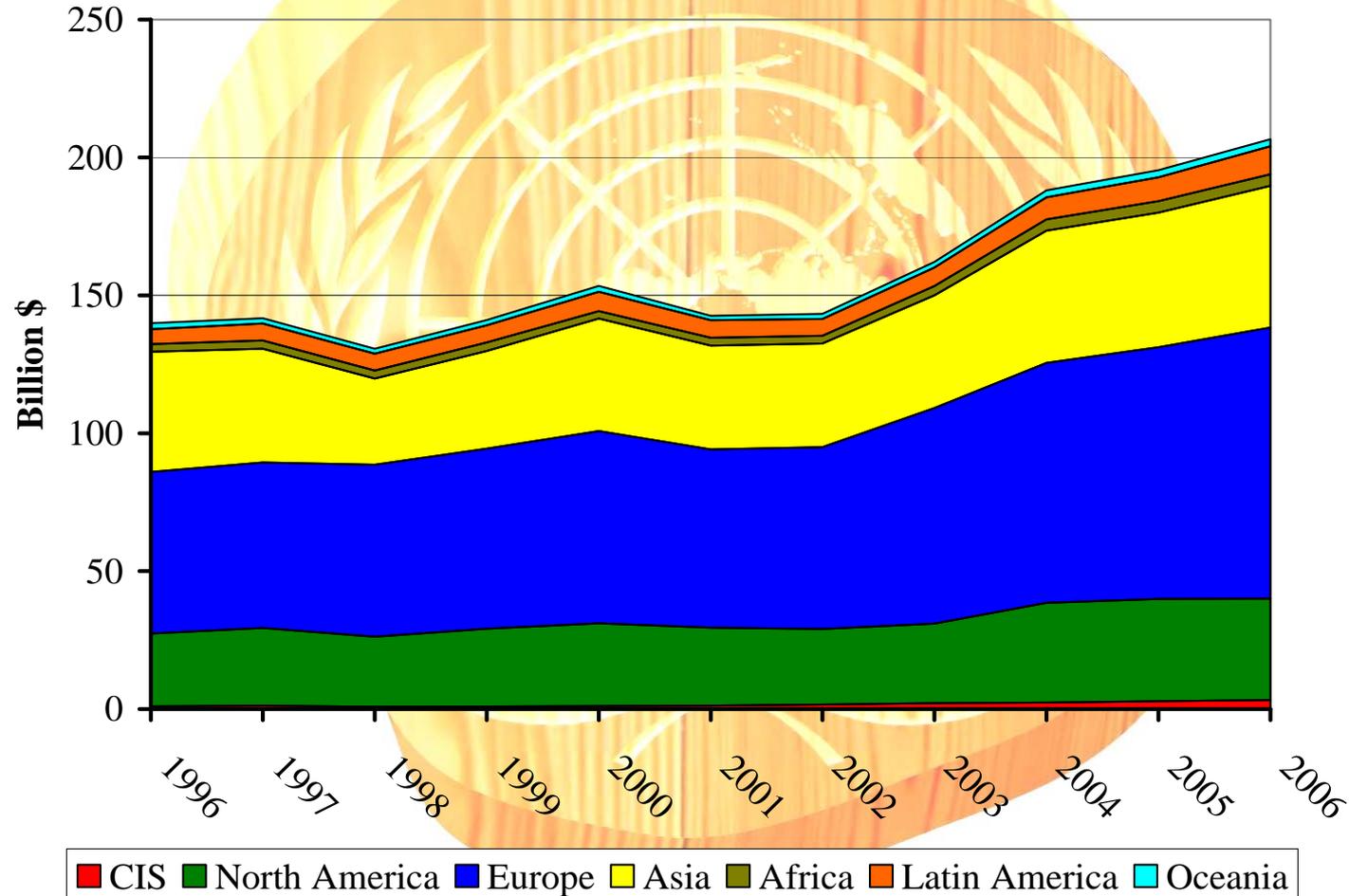
Source: UNECE/FAO TIMBER database, 2008.



Society of Wood Science and Technology Convention
10-12 November 2008, Concepción, Chile



Import Value of Wood and Paper Products



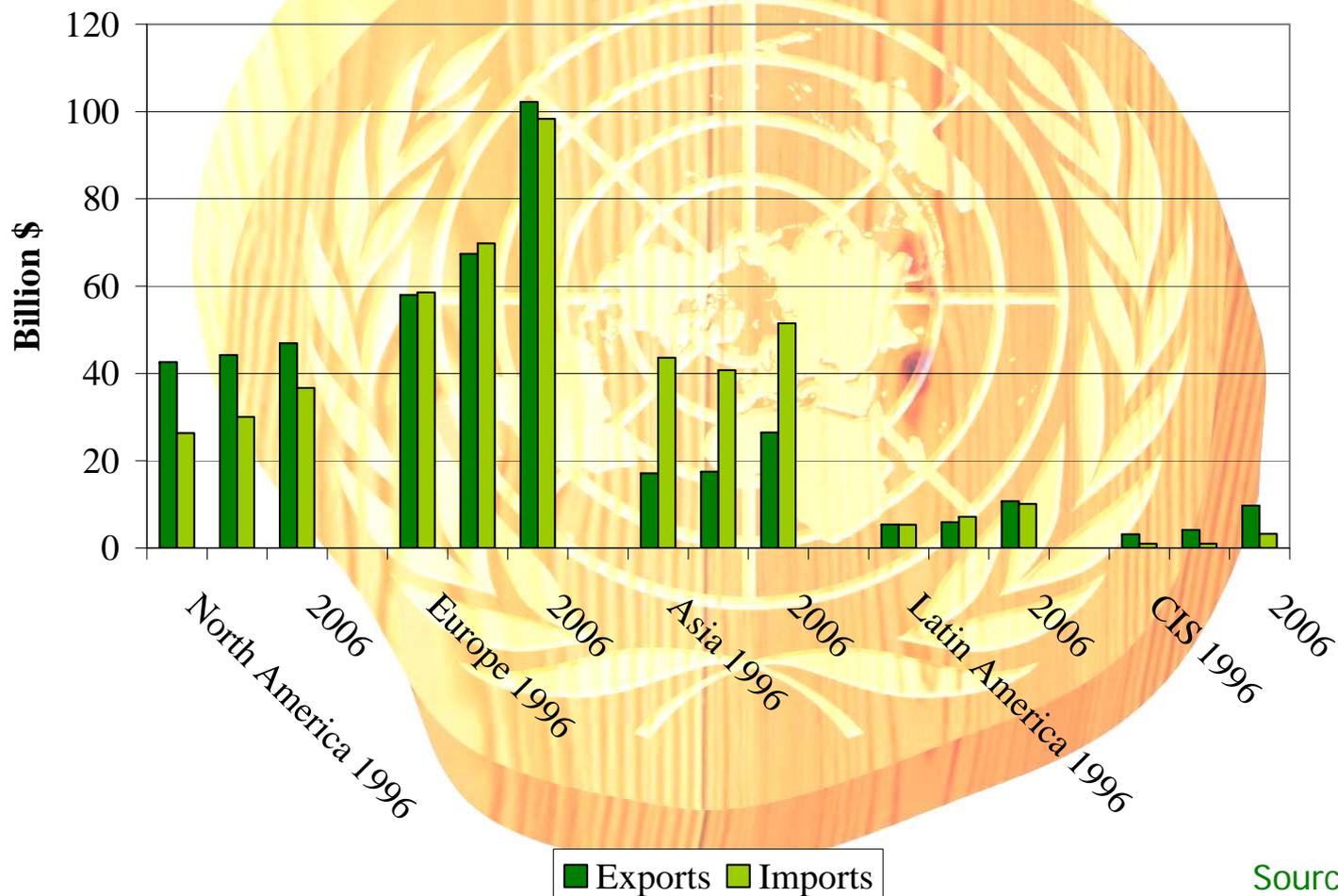
Source: FAOStat, 2008.



Society of Wood Science and Technology Convention
10-12 November 2008, Concepción, Chile



Trade Value Development by Major Region



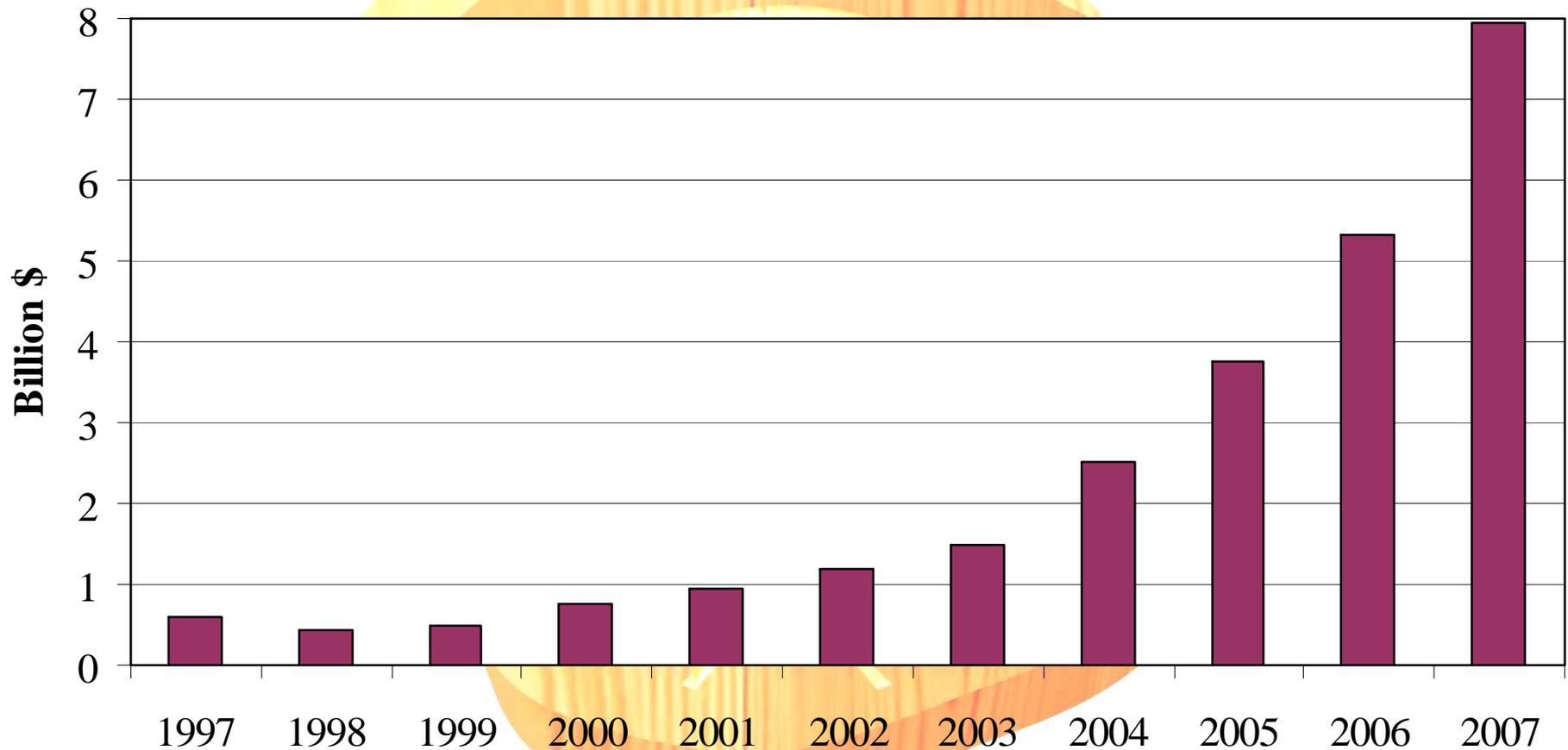
Source: FAOStat, 2008.



Society of Wood Science and Technology Convention
10-12 November 2008, Concepción, Chile



China's Wood and Paper Products Exports



Source: International WOOD MARKETS Group, based on Chinese Customs, 2008.



Society of Wood Science and Technology Convention
10-12 November 2008, Concepción, Chile



China's Wood and Non-Wood Furniture Exports



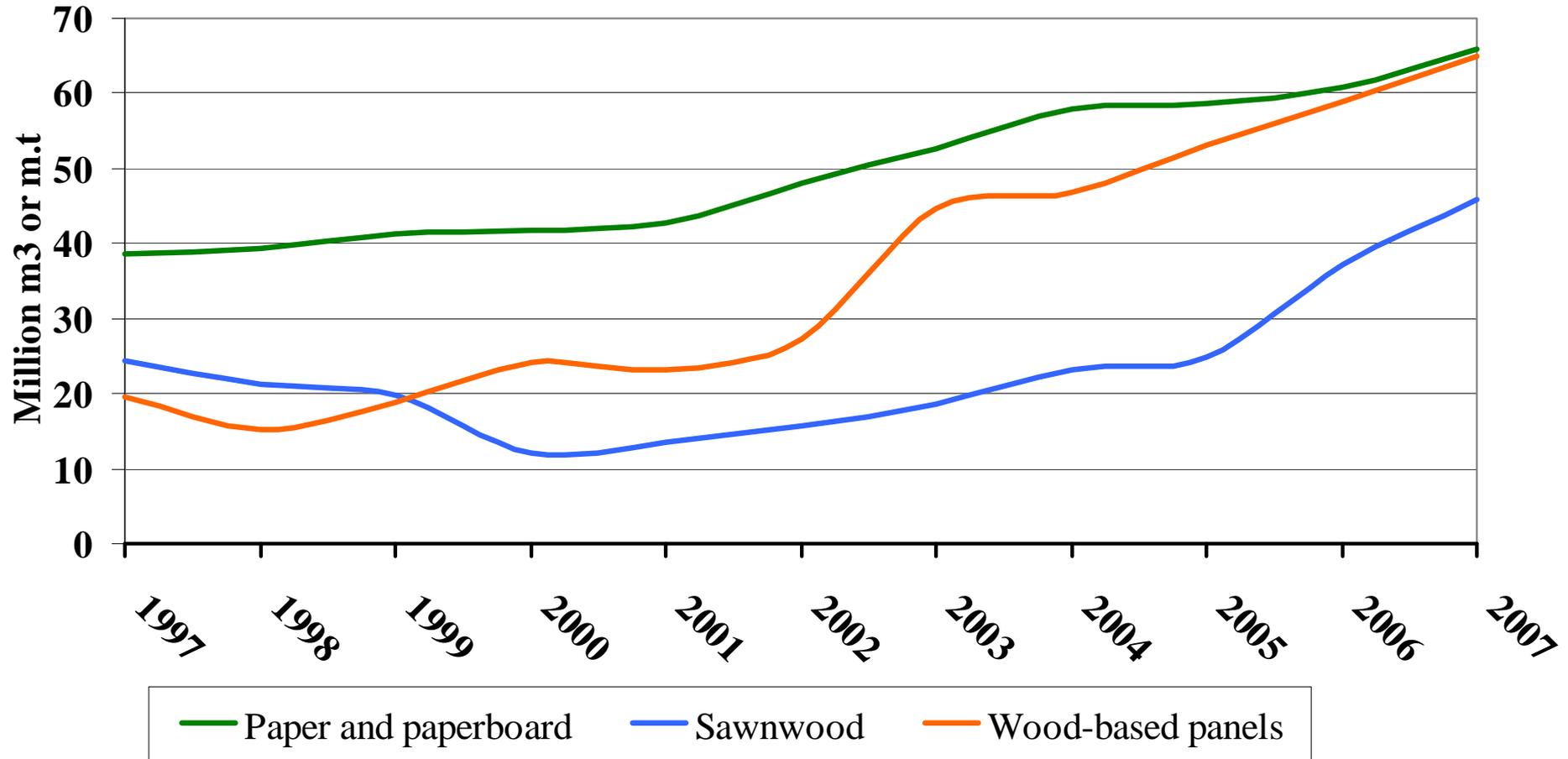
Source: IBISWorld, 2008, and Tan, X. et al., 2007.



Society of Wood Science and Technology Convention
10-12 November 2008, Concepción, Chile



China's Forest Products Consumption



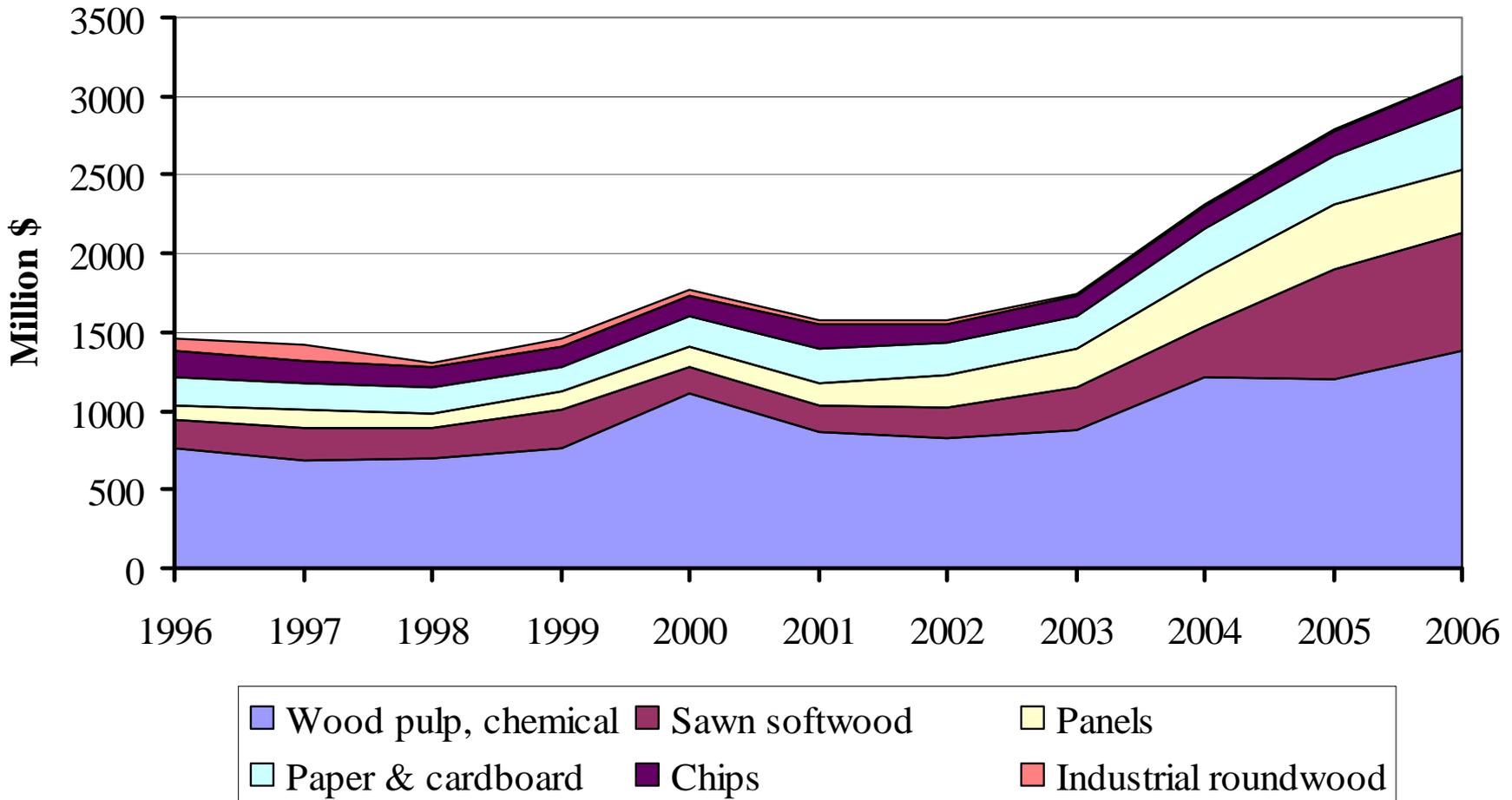
Sources: FAOSTAT, 2008 and Tan, X. et al., 2007.



Society of Wood Science and Technology Convention
10-12 November 2008, Concepción, Chile



Chile's Exports of Wood and Paper Products



Source: FAOStat, 2008.



Society of Wood Science and Technology Convention
10-12 November 2008, Concepción, Chile



Chile's sawn softwood export destinations, 2006

- USA, \$1.6 billion
- Mexico, \$1.0 billion
- Japan, \$493 million
- Spain, \$261 million
- United Arab Emirates, \$200 million
- China, \$159 million
- 40 other countries

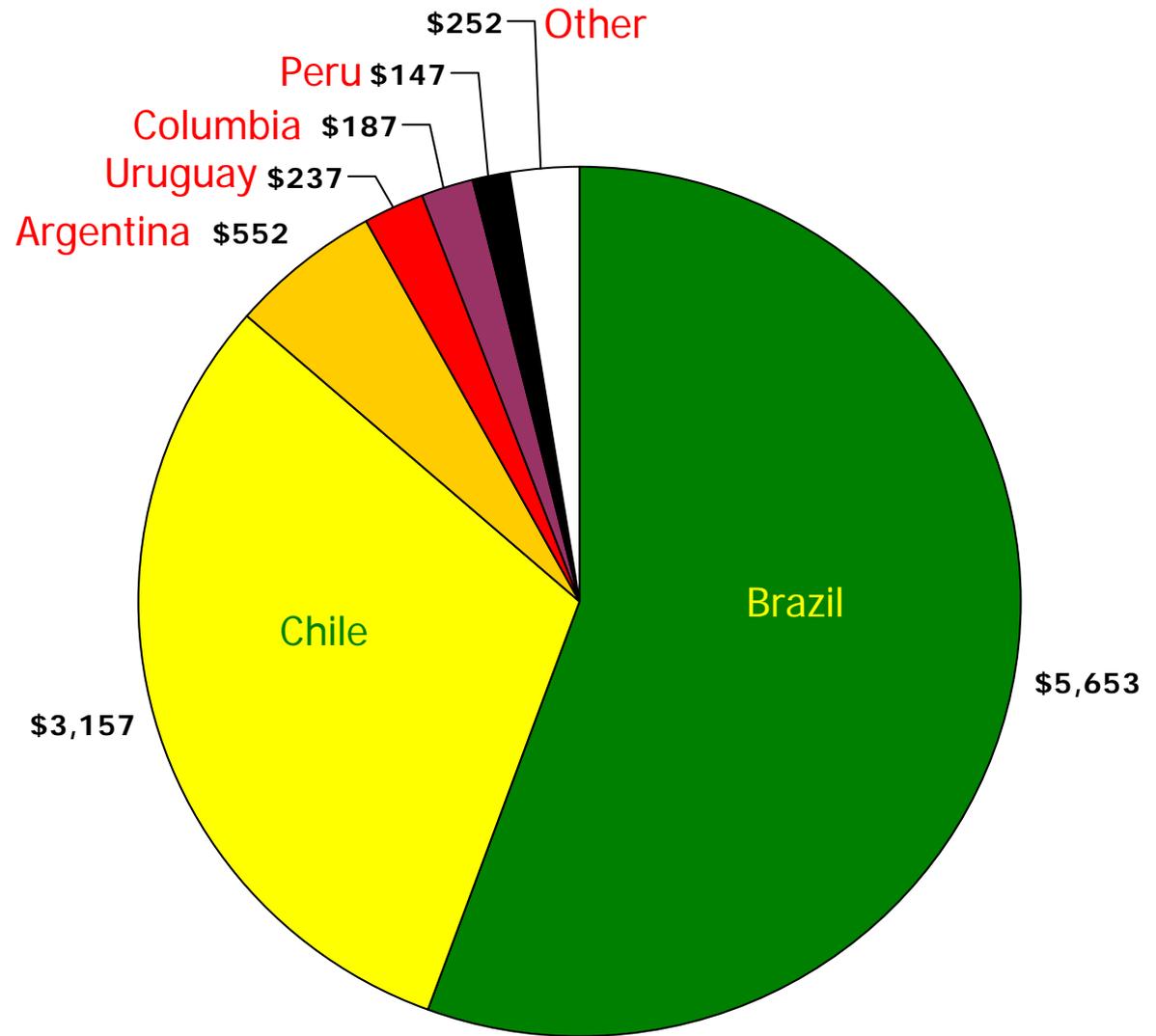
Source: UN Comtrade, FAO, 2008.



Society of Wood Science and Technology Convention
10-12 November 2008, Concepción, Chile



S. American forest products exports, 2006, \$ million



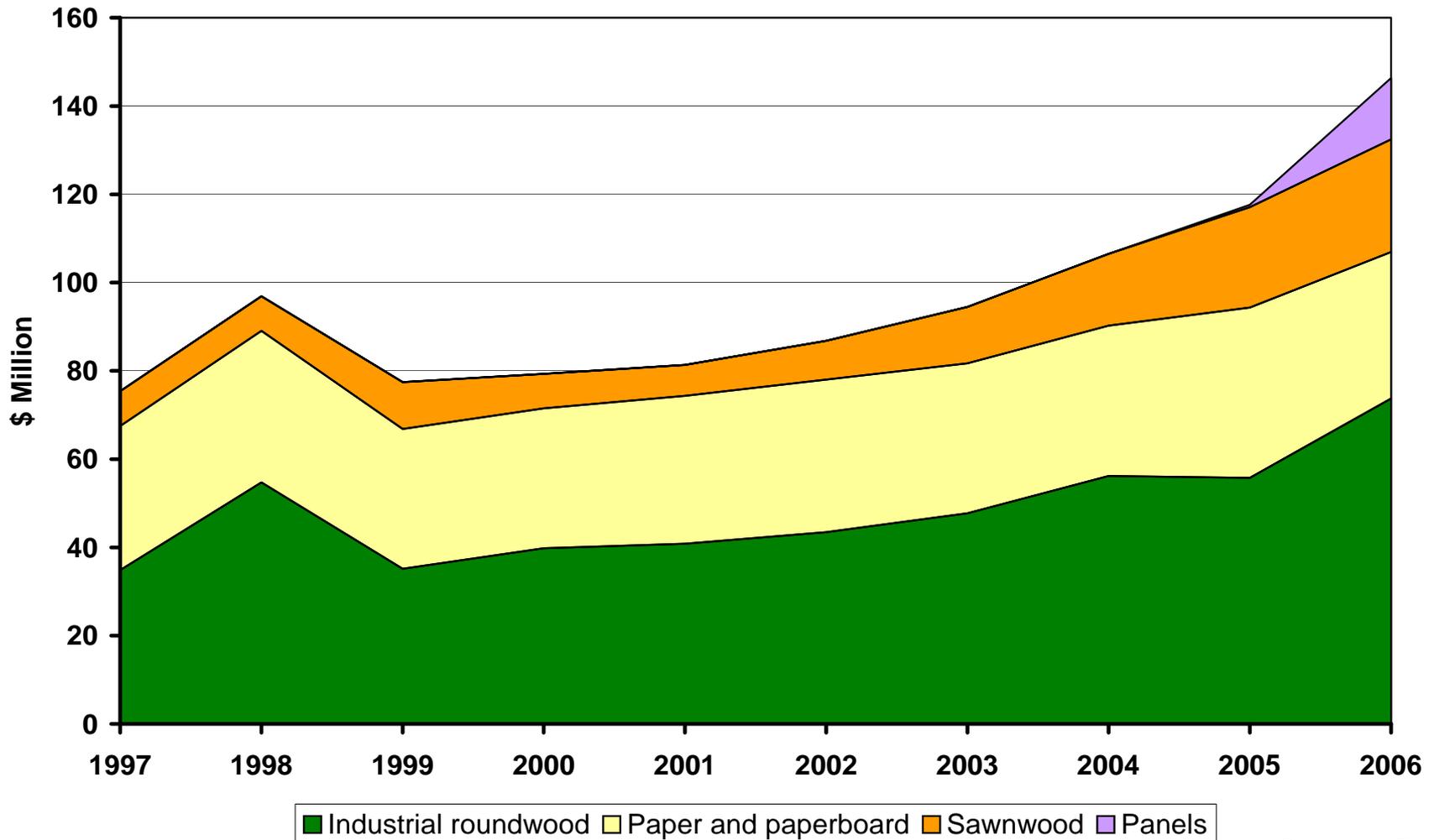
Source: FAO, 2008.



Society of Wood Science and Technology Convention
10-12 November 2008, Concepción, Chile



Uruguay exports increasingly roundwood



Source: FAO, 2008.



Society of Wood Science and Technology Convention
10-12 November 2008, Concepción, Chile





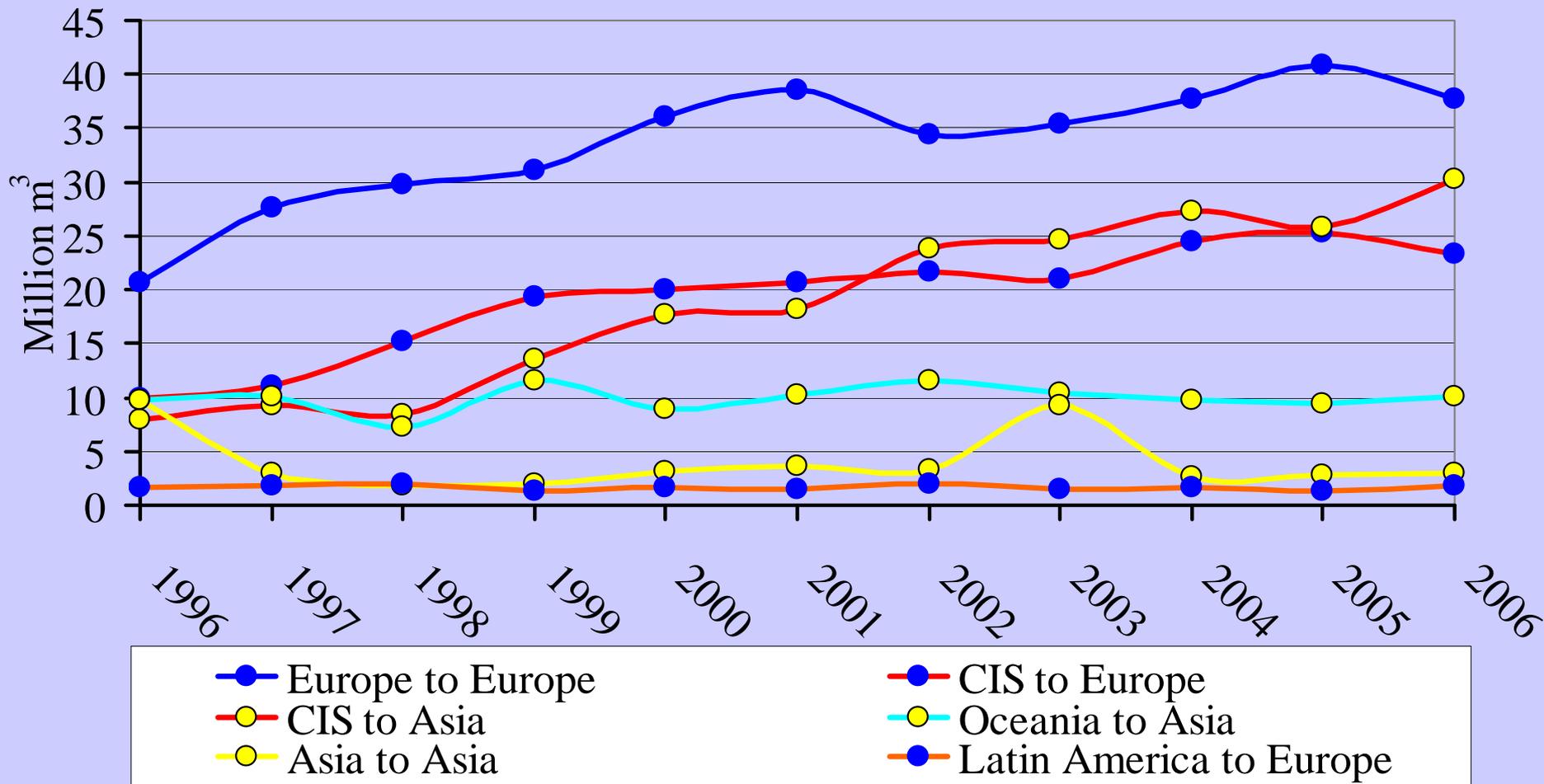
III. Trade flow trends



Society of Wood Science and Technology Convention
10-12 November 2008, Concepción, Chile



Industrial Roundwood Trade Flows



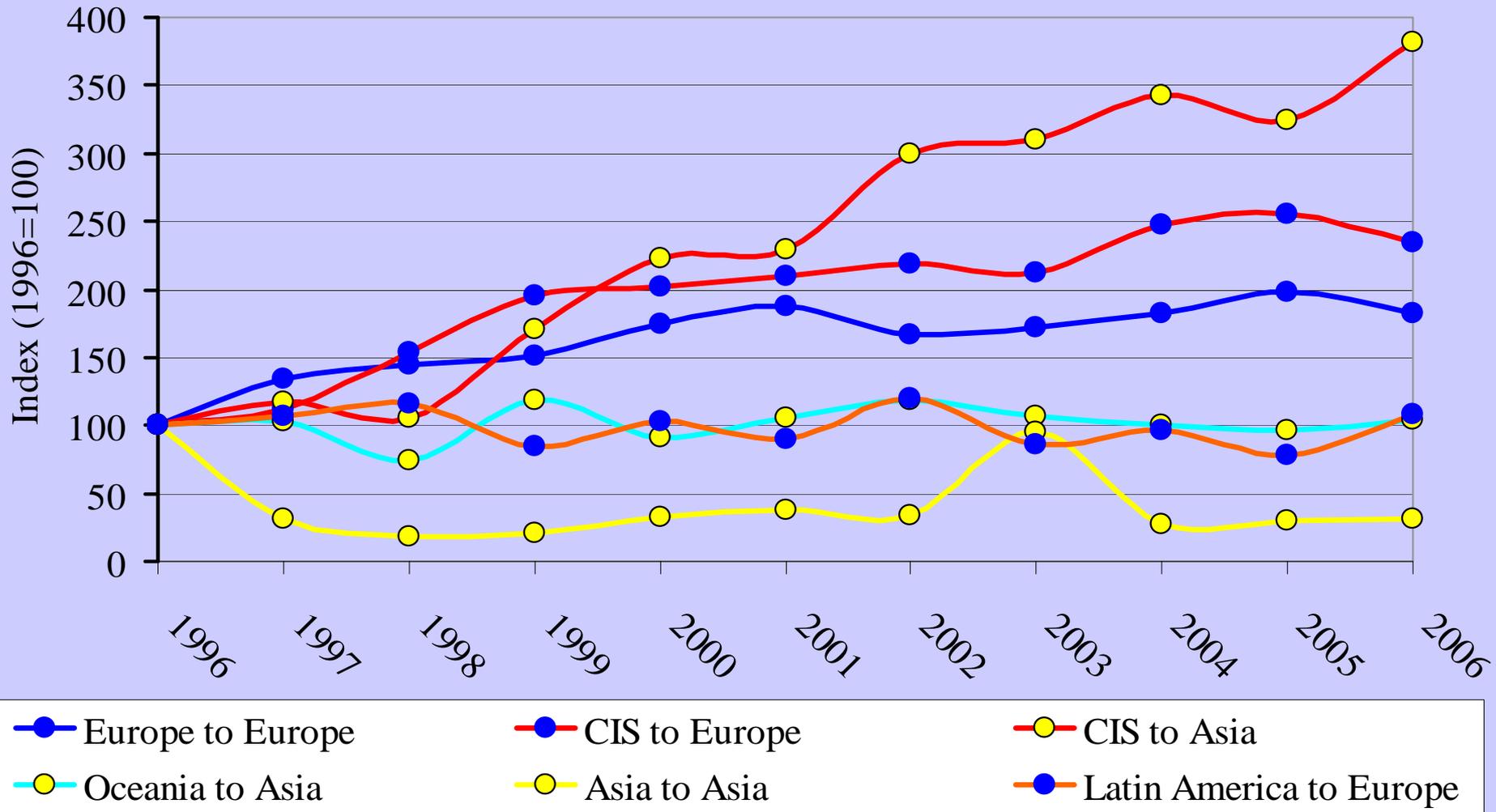
Source: UN Comtrade, FAO, 2008.



Society of Wood Science and Technology Convention
10-12 November 2008, Concepción, Chile



Industrial Roundwood Trade Flows



Source: UN Comtrade, FAO, 2008.

Society of Wood Science and Technology Convention
10-12 November 2008, Concepción, Chile



IV. Market drivers

- Socio-economic factors
- Currency rate variations
- Green building programs
- Public procurement
- Social responsibility
- Climate change
- Deforestation and afforestation
- Alternative demands on forests



V. Future prospects

- Wood-based energy
- Promotion of wood and paper products as sustainable, recyclable materials
- Continued growth of forest products markets
- Greater harvests, trade, recovery
- More R & D





VI. Discussion & questions



Society of Wood Science and Technology Convention
10-12 November 2008, Concepción, Chile





Ed Pepke
Forest Products Marketing Specialist
UNECE/FAO Timber Section
448 Palais des Nations
CH-1211 Geneva 10, Switzerland
Tel. +41 22 917 2872
Fax +41 22 917 0041
www.unece.org/timber
Ed.Pepke@unece.org



Society of Wood Science and Technology Convention
10-12 November 2008, Concepción, Chile

