International Trends in Harvesting and Exports

43rd Annual Spring Symposium  "Innovations in Timber Harvesting and Utilization"
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The UNECE/FAO Forestry and Timber Section – introduction

Global removals

Global roundwood trade

Economic progress = higher removals or higher value?

Conclusions and discussion

Our future work
... is a multilateral platform which facilitates **greater economic integration and cooperation** among its fifty-six member States.

... promotes **sustainable development and economic prosperity** through:

- policy dialogue,
- negotiation of international legal instruments,
- development of regulations and norms,
- exchange and application of best practices as well as economic and technical expertise,
- technical cooperation for countries with economies in transition.
- data and statistics
40% of the world’s forest area but 58% of the world’s industrial roundwood production
FORESTRY AND TIMBER SECTION

WA1 • data, monitoring and assessment

WA2 • policy dialogue and advice

WA3 • communication and outreach

WA4 • capacity building
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GLOBAL ROUNDDWOOD REMOVALS

2013 – record of 3591 million m³

source: FAO

Wood Fuel | Industrial Roundwood
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Industrial Roundwood
INDUSTRIAL ROUNDWOOD IMPORTS BY REGION

million m³


Asia Northern America Europe Oceania Latin-America Africa

Forest
MAIN FLOW OF INDUSTRIAL ROUNDWOOD EXPORTS

2003-2004:

One main Exporter
No. 1: Russian Federation
No. 2: Russian Federation
No. 3: Russian Federation

- China [12.8 % of global trade value]
- Finland [ 9.9 % of global trade value]
- Japan [ 4.7 % of global trade value]

2008-2009 ($27.0 billion):

No. 1: Russian Federation
No. 2: Russian Federation
No. 3: United States

- China [15.9 % of global trade value]
- Finland [ 3.7 % of global trade value]
- Japan [ 3.4 % of global trade value]

2011-2012 ($51.1 billion):

No. 1: Russian Federation
No. 2: New Zealand
No. 3: United States

One main Importer

- China [ 7.2 % of global trade value]
- China [ 4.5 % of global trade value]
- China [ 3.5 % of global trade value]
INDUSTRIAL ROUNDWOOD EXPORTS AS SHARE OF REMOVALS

source: FAO


Percent

35
30
25
20
15
10
5
0

New Zealand
Russian Federation

Africa
Asia
Europe
Northern America
Oceania
Latin-America
Sawnwood
MAIN FLOW OF SAWN SOFTWOOD EXPORTS

2003-2004:

No. 1: Canada ➔ US [39.8 % of global trade value]
No. 2: Austria ➔ Italy [3.5 % of global trade value]
No. 3: Canada ➔ Japan [3.3 % of global trade value]

2008-2009 ($36.5 billion):

No. 1: Canada ➔ US [15.3 % of global trade value]
No. 2: Austria ➔ Italy [4.1 % of global trade value]
No. 3: Canada ➔ Japan [3.9 % of global trade value]

2011-2012 ($43.5 billion):

No. 1: Canada ➔ US [14.3 % of global trade value]
No. 2: Canada ➔ China [6.0 % of global trade value]
No. 3: Russian Federation ➔ China [4.9 % of global trade value]
SAWN SOFTWOOD EXPORTS AS SHARE OF PRODUCTION

source: FAO
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THREE EXAMPLE COUNTRIES
SUCCESSFUL EXAMPLES

Forest products production* development 1990 - 2012 [million m³]

- **Poland**
- **Turkey**
- **Romania**

*Sum of production of:
sawnwood (C&NC) + panels (particle board incl. OSB, MDF, hardboard, insulating board and plywood)
IMPACTS ON REMOVALS

Removals:
Poland (00–’11): 1.3 x
Turkey (00–’11): 1.6 x
Romania (00–’11): 1.0 x
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• IRW less than 50% of wood removed from forests

• Forest products trends are changing – particularly in trade (data can change too!!!)

• Removal of more wood is not essential
  – domestic transformation (instead of exporting raw material)
  – more efficient use (cascading)

• Particle board often first of the co-product processing

• Framework conditions matter
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UNECE / FAO’S FUTURE WORK

• Rovaniemi Action Plan (green economy)

• Analysis (Forest Products Annual Market Review)

• More heat with less wood

• Market Discussions (@ Silva 2015)
Thank you for your attention!

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