Wood Raw Material Consumption on the Rise Despite Weak Global Economy

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Outline

• Roundwood Removals

• Roundwood Consumption

• Raw Material Trade

• Sawlog & Pulpwood Costs
Roundwood Removals
  – Industrial wood
  – Fuel wood
### Roundwood Removals in 2002

<table>
<thead>
<tr>
<th>Region</th>
<th>Total (million m³)</th>
<th>Industrial (%)</th>
<th>Conifer (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>EU/EFTA</td>
<td>278</td>
<td>88</td>
<td>82</td>
</tr>
<tr>
<td>Other Europe</td>
<td>135</td>
<td>81</td>
<td>63</td>
</tr>
<tr>
<td>CIS</td>
<td>194</td>
<td>72</td>
<td>76</td>
</tr>
<tr>
<td>North America</td>
<td>678</td>
<td>89</td>
<td>73</td>
</tr>
</tbody>
</table>
Roundwood Removals in the UNECE in 2002

Source: UNECE/FAO
Roundwood Removals in the UNECE 2002

- US: 37.3%
- Russia: 13.8%
- Other CIS: 1.3%
- Other Europe: 14.4%
- Canada: 15.6%
- Finland: 4.1%
- Sweden: 5.3%
- Poland: 2.1%
- Germany: 3.3%
- France: 2.8%

Source: UNECE/FAO
Roundwood Removals in the UNECE

Source: UNECE/FAO
Global Industrial Roundwood Production in 2002

- Rest of World: 31.1%
- EU/EFTA: 15.4%
- Other Europe: 6.9%
- CIS: 8.8%
- USA: 25.5%
- Canada: 12.4%

Source: UNECE/FAO
Industrial Roundwood Removals - Europe

Source: UNECE/FAO
Fuel Wood Removals and Consumption
Wood Fuel Removals in the UNECE

Source: UNECE/FAO
Wood Fuel Removals in Europe 2002

- Turkey: 12.2%
- Poland: 3.6%
- Romania: 5.3%
- Hungary: 4.1%
- Austria: 5.2%
- France: 4.1%
- Sweden: 10.0%
- Italy: 7.8%
- Finland: 7.6%
- Germany: 7.9%
- Rest of Europe: 32.4%

Source: UNECE/FAO
Production of energy from wood fuels in 2000

Source: EUBIONET
Roundwood Consumption
Roundwood Balance in the UNECE in 2002

Source: UNECE/FAO
Roundwood Consumption in the UNECE Region

Source: UNECE/FAO
Wood raw material trade
  – Roundwood
  – Wood chips
Roundwood Trade in the UNECE

Source: UNECE/FAO

Wood Resources International
Roundwood Exports in Europe 2002

- Germany: 12.3%
- France: 11.8%
- Switzerland: 8.7%
- Sweden: 4.9%
- Latvia: 12.3%
- Estonia: 9.3%
- Lithuania: 3.9%
- Czech Republic: 6.9%
- Hungary: 4.4%
- Other Europe: 25.7%

Source: UNECE/FAO
Wood Chip Trade in Europe in 2002

Source: UNECE/FAO
Raw material costs

- Sawlogs
- Pulplogs
- Residual chips
Conifer Sawlog Price Index 1995-2003

Source: Wood Resource Quarterly (WRI)
Conifer Sawlog Cost in 2q/2003

Source: Wood Resource Quarterly (WRI)
Conifer Pulplog Price Index 1995-2003

1q/1995=100 (Based on local currency)

US, West  US, South  Can, West  Finland  Sweden  Germany

Source: Wood Resource Quarterly (WRI)
Conifer Wood Chip Price Index 1995-2003

Source: Wood Resource Quarterly (WRI)
In 2002:

- Total removals within UNECE were close to record levels.
- Roundwood removals increased substantially within the CIS and Other Europe.
- Almost 15% of roundwood removals were used as fuel wood.
- Exports of roundwood from Russia were 14% higher than the previous year.
- Raw material costs for pulpmills and sawmills fell in many regions.