MAIN USES OF WOOD IN THE SLOVAK REPUBLIC

Jan Parobek, PhD.
Assis. prof. Hubert Palus, PhD.
Technical University in Zvolen, Slovakia
Contents

- forest resources in the SR
- MFA – general introduction
- methodology of MFA, application for forest industry
- results
- conclusion
Methodology of MFA

Environment

Society / Economy

materials
energy

materials
energy
Methodology of MFA for forest industry - wood balance

<table>
<thead>
<tr>
<th>Resources</th>
<th>Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Import</td>
<td>Export</td>
</tr>
<tr>
<td>Felling</td>
<td></td>
</tr>
<tr>
<td>Used paper</td>
<td>Stock (increase)</td>
</tr>
<tr>
<td>Recycled wood</td>
<td>Consumption</td>
</tr>
<tr>
<td>Stock (decreases)</td>
<td></td>
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<tr>
<td>Total resources</td>
<td>Total use</td>
</tr>
</tbody>
</table>

Wood EMA Conference 2010
October 6th – 8th 2010
### Methodology of MFA for forest industry

<table>
<thead>
<tr>
<th>Quality class according to STN 480055 and STN 480056</th>
<th>Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>I – sliced veneers, musical instruments, special sports and technical needs;</td>
<td>Logs</td>
</tr>
<tr>
<td>II – rotary-cut veneers, matches, sports needs and stave bolts;</td>
<td></td>
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<td>III – poles, construction timber, but mainly saw logs of higher quality III A and lower quality III B;</td>
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<td>IV – mining wood, thin poles</td>
<td>Pulp wood and other industrial wood</td>
</tr>
<tr>
<td>V – pulp-wood, chemical and mechanical processing for pulp and agglomerated boards production;</td>
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<tr>
<td>VI – fuel wood.</td>
<td>Fuelwood</td>
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</tbody>
</table>
for the main wood use classes the following item categories were analysed:

- felling (F),
- domestic deliveries (DD),
- timber producer exports (TPE),
- timber merchant exports (TME),
- total exports (TE), total imports (TI),
- own consumption of timber producers (OC),
- consumption (CO),
- stock (S).
Results

• done according to data of 2007,

The following relations apply:

• \( F = DD + TPE + S \)
• \( TE = TPE + TME \)
• \( CO = F + TI - TE +/- S \)
Conclusion

- paradox in the Slovak wood supply concerning wood species and demand of WPI,
- timber export,
- domestic consumption.

- Why MFA for forestry industry?
Thank you for your attention!

Jan Parobek, PhD.
Assis. prof. Hubert Palus, PhD.
Technical University in Zvolen, Slovakia