Thémis, timber data gathering portal: intro and rationale
Mark van Benthem, Probos
21 Reasons to Use Wood

Sustainable / Speed of construction / Precise / Quality Control / Lighter than masonry - concrete / Transportable - storable / Continuous work patterns / Mass not frame / Dry, clean, non-toxic / Simple site procedures / Good in a fire / Flexible - easily changed on site / Services integrated offsite / Structure can be the finish / Strong and durable but can be replaced if damaged / Warm - own thermal properties means less insulation / Interesting tactile-flat surfaces / Safe - non allergic & healthy to inhabit / Color - intrinsic colours, changed simply / Compatible with other materials / Has aura, smells great, embodies qualities of scale and time

Alex de Rijke, Director of dRMM
Ode to wood
Stichting Probos: Sustaining forests, supporting sustainably sourced timber
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Lingotto HAUT, bron: Team V Architectuur
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Alex de Rijke, Director of dRMM
Increasingly scientific proof

- Life Cycle Analyses (LCA)
- Environmental Product Declaration (EPD)
- Green Building assessment schemes
“Isn’t all wood sustainable?”

Mark van Benthem, Probos
Piet Hein D., minister van Justitie, sluit zijn ogen voor 50% illegaal hardhout.

Ondoorzichtige handel in N...
NTTA response (I)

• 2003: code of conduct, a.o.:
  • preference resp. sourced timb; sanction system

  • selfreporting (country of origin; lkts; volume RST; etc.) dialogue stakeholders; comms; csr

• 2006: 2nd policy plan 2006 – 2009, a.o.:
  • Reflection 1st plan; target 75% RST in 2009:
    • Softwood 100%; tropical 50%; temperate 25%; panels 75%
NTTA response (II)

- 2008: introduction reporting system +
NTTA response (II)

- 2008: introduction reporting system + transparency

https://www.vvnh.nl/system/files/IndividuelePrestatie_Hardhout_0.pdf
NTTA response (III)

• 2010: 3rd policy plan 2010 - 2015, a.o.:
  • Increased focus on public procurement
  • New targets: 85% overall in 2015:
    • 50% hardwoods; 85% panels and 100% softwoods

• 2016: 4th policy plan 2016 – 2020, a.o.:
  • Observation: fairly basic; RST is the norm.
  • Spotlight on well performing companies
  • Encouraging and appealing members lacking behind (sanctions)
  • New targets: 90% overall in 2020:
    • 65% hardwoods; 90% panels and 100% softwoods
De planperiode van het VVNH beleidsplan Wijs met Hout 2010 – 2015 en het daarop gebaseerde Actieplan Bewust met Hout 2010-2015 dat de VVNH in de genoemde periode samen met de NBvT heeft uitgevoerd, is in veel opzichten succesvol geweest. Met de mooie resultaten heeft de VVNH zich goed geprofileerd en met de Greener Deal "Stimuleren duurzaam bosbeheer" – die onderdeel vormde van het uitgevoerde beleid - is het draagvlak voor het VVNH en NBvT beleid verderop. Met dit als solide basis is in de tweede helft van 2015 uitvoering gedisbusseerd en zijn tijdens de ledenvergadering op 26 november jl. de hierna volgende nieuwe doelstellingen goedgekeurd.
Many plans; results?
Nice, but what is in it for me?
NTTA 21st century: Century of wood
NTTA 21st century: Century of wood

P&R and comms focus:
- Biobased
- Circular economy
- CO2 (Zero Carbon)
- Etc.

=> Verified sustainable pre-condition, for scoring well in LCA’s, EPDs etc!
Monitoring crucial to support positive messaging

- Trust in timber
- Transparency / credibility
- Monitor progress / target interventions

*In addition: market intelligence (data availability)*
Welcome Thémis!

https://timbermarketsurvey.com
Reporting concerns
Please select the reference year for your data and your company type.

Year: 2020
Company type: Importer, Domestic purchaser, Both

Did you have a membership with other timber trade federations in the year of reporting?
The data of this survey will be shared with the selected federations.
Fedustria, LCB (Le Commerce du Bois), ATIBT, GD Holz

Chain of Custody certifications
Please select the boxes that are applicable for your organization.

- FSC
- PEFC
- LegalSource (NEPCon)
- OLB (Bureau Veritas)
- LegalTrace (SGS)
- Legal Harvest Verification (SCS)
- TLV (CUC)
- STIP (SKH)
- Keurhout
# Product groups

Please select the product groups that you traded in the reference year. Only selected product groups will appear in the rest of the survey.

<table>
<thead>
<tr>
<th>Sawn timber, panels and mouldings</th>
<th>Joinery products</th>
<th>Roundwood products</th>
<th>Other products</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sawn timber</td>
<td>Doors &amp; accessoires</td>
<td>Sawlogs</td>
<td>Engineered wood products</td>
</tr>
<tr>
<td>Particle boards</td>
<td>Windows</td>
<td></td>
<td>Others</td>
</tr>
<tr>
<td>OSB</td>
<td>Shuttering</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fibre boards</td>
<td>Shingles &amp; shakes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Veneer</td>
<td>Posts &amp; beams</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plywood</td>
<td>Flooring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Decking</td>
<td>Other joinery</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other mouldings</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Country of origin

Please specify the purchased volume of **sawn timber** imported with **Uncertified wood**.

<table>
<thead>
<tr>
<th>Total volume</th>
<th>250 m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>Remaining volume</td>
<td>0 m³</td>
</tr>
</tbody>
</table>

### Country of harvest

Please select the country or countries in which the wood has been harvested and specify the corresponding volume.

- **Gabon**: 250 m³

**Please specify suppliers**

**Amount**

**Names of suppliers**

- [Add country]
Timber market survey

Back

Show benchmark

2020

Volumes

All certification schemes

Certified wood

106,230
106,230

Third party legality verification schemes

23,468
23,468

Regulatory and regional systems

40,010
40,010

Uncertified wood

27,199
27,199

Volumes distribution per certification scheme

Volume development per certification scheme in time

2020

2021

2022

Distribution per product group

Sawn timber, panels and mouldings

Sawn timber

742,190
678,200

Particle boards

149,600
215,100

OSB

264,040
215,100

Plywood

76,500
678,200

Other mouldings

9,600
678,200

Distribution per certification scheme

Certified wood

FSC

742,190
120,080

PEFC

264,040
50,980

Third party legality verification schemes

FSC CW

9,600
9,600

LegalHarvest

76,500
76,500

LegalSource

152,080
120,080

TLV

36,980
50,980

LegalTrace

12,000
24,000

OLB

14,500
78,500

PEFC Controlled So...
### Distribution per country of origin

<table>
<thead>
<tr>
<th>Region</th>
<th>Country</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Europe</td>
<td>France</td>
<td>742,190</td>
</tr>
<tr>
<td></td>
<td>Estonia</td>
<td>9,600</td>
</tr>
<tr>
<td></td>
<td>Sweden</td>
<td>264,040</td>
</tr>
<tr>
<td></td>
<td>Netherlands</td>
<td>36,980</td>
</tr>
<tr>
<td>Asia</td>
<td>Indonesia</td>
<td>12,000</td>
</tr>
<tr>
<td></td>
<td>Malaysia</td>
<td>14,500</td>
</tr>
<tr>
<td>North America</td>
<td>Canada</td>
<td>167,900</td>
</tr>
<tr>
<td></td>
<td>USA</td>
<td>120,600</td>
</tr>
</tbody>
</table>

Supporting sustainably sourced timber
Figure 2.3
Percentage of wood products imported by respondents in 2020 by wood category (based on m3).
Data: not an end, but a means
Positive impact CO₂ and forests

E.g. 10,000 m³ Spruce

De hoeveelheid vastgelegde CO₂ in de houtproducten is 7.159.776 kg

<table>
<thead>
<tr>
<th>Houtvolume van de producten:</th>
</tr>
</thead>
<tbody>
<tr>
<td>10000 m³</td>
</tr>
</tbody>
</table>

De Europese bossen slaan deze hoeveelheid CO₂ op in:
8 minuten en 48 seconden

Vastgelegde CO₂ in de houtproducten:
7.159.776 kg CO₂

Vergelijking van netto- emissie van CO₂ voor diverse materialen (KG)

<table>
<thead>
<tr>
<th>HOUT</th>
<th>BETON</th>
<th>PVC</th>
<th>STAAL</th>
<th>ALUMINIUM</th>
</tr>
</thead>
<tbody>
<tr>
<td>-7.159.776</td>
<td>+3.579.888</td>
<td>+44.748.600</td>
<td>+147.670.380</td>
<td>+241.642.440</td>
</tr>
</tbody>
</table>

Uitstoot van 60.676.068 km aan uitlaatgassen van een middenklasse auto

Elektriciteitsverbruik van 7955 huishoudens in één jaar tijd

Source: https://opslagco2inhout.nl/co2-result
Security / data encryption?

- Up-to-date by technical partners Graphius & Fonkel
- Backups run daily and are synced and encrypted and transported via secured connections (https://timbermarketsurvey.com/more-info).
- NDA, if desired
- TTFs can only link ID to company, unless requested differently. Probos sees anonymous, aggregated data:
<table>
<thead>
<tr>
<th>Category</th>
<th>Score</th>
</tr>
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<tbody>
<tr>
<td>Certified sustainable</td>
<td>63.6%</td>
</tr>
<tr>
<td>Third party legality verification schemes</td>
<td>5.1%</td>
</tr>
<tr>
<td>Regulatory and regional systems</td>
<td>1.4%</td>
</tr>
<tr>
<td>Uncertified wood</td>
<td>29.9%</td>
</tr>
</tbody>
</table>

**Score per sustainability category over time**

![Graph showing sustainability score over time]

**Excel Table**

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
<th>J</th>
<th>K</th>
<th>L</th>
<th>M</th>
<th>N</th>
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<td>A1</td>
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=> fyi: open-source software
Current uptake and partners

Powered by:

Stichting Probos: Sustaining forests, supporting sustainably sourced timber
Conditions for using Thémis (I)

1. Setting sufficiently ambitious targets for responsible sourcing by members

2. Share anonymous and aggregated data at federation level with Probos
   (and via Probos, where requested, with donors IDH and PPECF)
Aggregated, anonymous federation level data used e.g. lobby purposes

Unlocking Sustainable Tropical Timber Market Growth Through Data
Mapping Europe’s sustainable tropical timber footprint and growing its global impact

Understanding sustainable secondary tropical wood products through data
Exploring Europe’s share of verified legal and sustainable secondary tropical wood products import in 2019

Europe’s sourcing of verified tropical timber and its impact on forests: What Next?
Exploring the EU27 & UK’s share of verified legal and sustainable tropical timber product imports
Conditions for using Thémis (II)

3. Commitment to use Thémis for min. 3 years + work on high response rate
4. Yearly 1,500 EUR per federation for hosting, back-up, small bugs, etc.

=> Recorded in Cooperation Agreement
Costs

1. Development + introduction phase 1: 175,000 EUR + time spent federations

2. Currently application phase 2 (190 K):
   a) 3-4 new federations, incl. producers
   b) Additional features
   c) Impact on carbon + area SFM tropics
   d) Explore link EUDR

3. 135 K secured
Of interest to ETTF and/or more individual ETTF members?

The European Timber Trade Federation.

\[\textit{WHO WE ARE:}\] The ETTF promotes the interests of the timber trade across Europe, representing key national federations for importers, merchants and distributors.

\[\textit{WHAT WE DO:}\] The ETTF liaises with and lobbies government and governmental bodies at national and international level, engages with environmental and other NGOs and provides a discussion and networking forum for the EU timber industry on key issues, from legislation and the environment, to sustainable timber promotion and best practice.
Thank you!

Well done!
Many thanks for sharing your annual results. By sharing your data, you help strengthen trust in timber and support sustainable forest management.

Your results are safely stored and will not be shared on an individual level with third parties. You can now exit the survey or download your submitted data in CSV format.