



GTTN INTRO

Global Timber
Tracking Network

- APEC EGILAT, Santiago, Chile
- 23-24 February 2019

GTTN Secretariat: Jo Van Brusselen,
Nele Schmitz, Gesche Schifferdecker,
José Bolaños

www.globaltimbertrackingnetwork.org



GTTN supports legal trade

The objective of the Global Timber Tracking Network (GTTN) is to promote the operationalization of **innovative approaches to verify trade claims of wood-based products**.

GTTN connects **expertise and infrastructure** to help stakeholders further their capacities for identification of wood species and geographical origin.



GTTN Members around the World

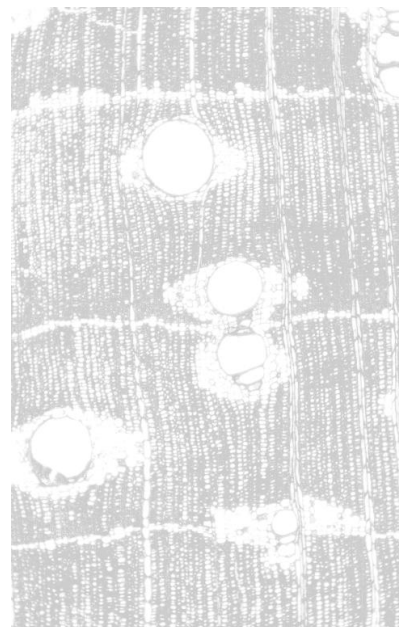
Users – Providers – Potential providers – Followers





Seeking a holistic approach

- ✓ Genetics
- ✓ Stable isotope analysis
- ✓ Mass spectrometry
- ✓ NIR
- ✓ Wood anatomy, machine vision
- ✓ Dendrochronology, radio carbon



- Combination of methods could cost-effectively increase accuracy

Be sure a trade claim is correct?



Product type



Trade claim: origin and tree species

Bill of Lading Template

Bill of Lading Short Form

Carrier: _____ Date: _____
 Bill of Lading #: _____ PO #: _____
 Order #: _____
 Shipper/Consignor: _____
 Consignee: _____
 Instructions: _____

Item Code	Details	Quantity	Weight (Unit)

Annex 2 Standard CITES form

CITES CONVENTION ON INTERNATIONAL TRADE IN ENDANGERED SPECIES OF WILD FAUNA AND FLORA

PERMIT/CERTIFICATE No. _____

1. EXPORT ☐ RE-EXPORT ☐ IMPORT ☐ OTHER ☐

2. Valid until: _____

3. Importer (name and address): _____

4. Exporter/consignor (name, address and country): _____

5a. Country of import: _____

5b. Country of export: _____

6. Species conditions: _____

7. Name, address, validity, security stamp and quantity (to management authority): _____

8a. Holder of the transaction (name and address): _____

8b. Security stamp No. _____

9. Signature of the competent authority: _____

10. Date of the transaction: _____

Indonesian LEGAL Wood

1. Issuing authority: _____

2. Importer: _____

3. Address: _____

4. Country of destination and ISO Code: _____

5. Authority registration number: _____

6. Port of loading: _____

7. Port of discharge: _____

8. Volume (CBM): _____

9. Date of shipment: _____

10. Reason of shipment: _____

11. Species: _____

12. Species Code: _____

13. Species Name: _____

14. Species Address: _____

15. Species Name: _____

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99. Species Name: _____

100. Species Address: _____



Two key end-user groups



- law enforcement agencies, customs, CITES authorities, judiciary



- due diligence: economic operators' own due diligence systems; SFM and CoC due diligence certifiers

Find required expertise from GTTN Service Providers Directory (SPD)



GTGN SPD will **provide information on available scientific methods and tools** to verify declared tree species and / or geographic origin



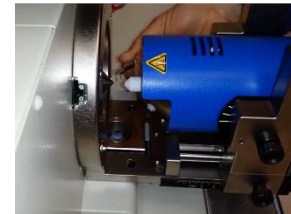
genetics



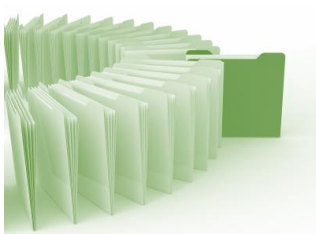
anatomy



isotopes



spectrometry



- Query options informed by trade claim
- Species, geographic origin, product type
- Lab location, accreditation

Development so far with inputs from USFS-common names database, WRI, Traffic, IAWA ; Launch in spring 2019.

GTTN work programme



Collaborative effort



Cross-cutting themes for method-specific working groups

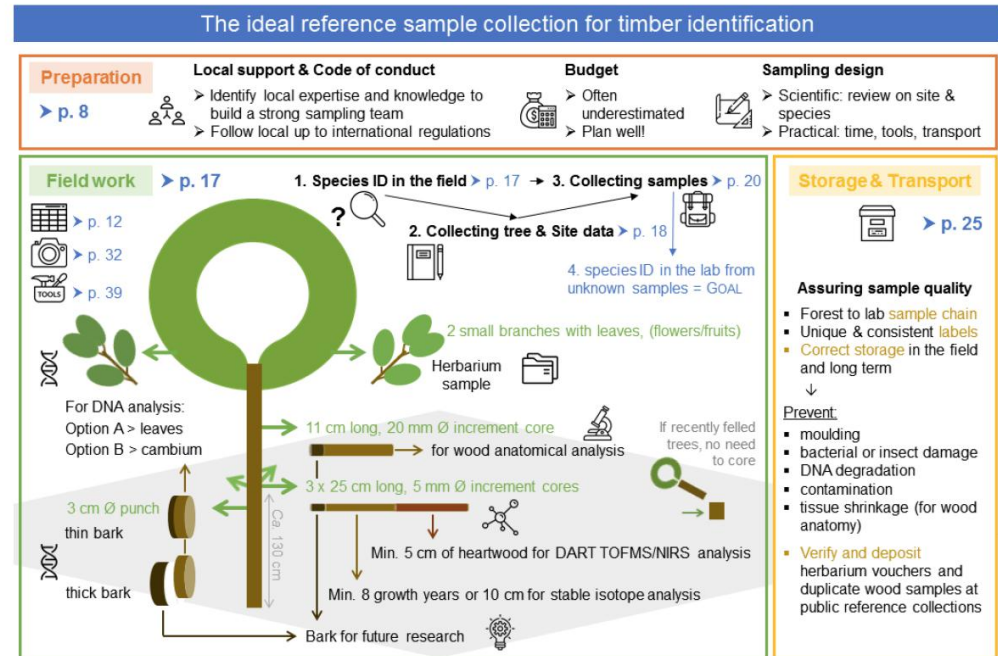


Input to standardization, harmonization

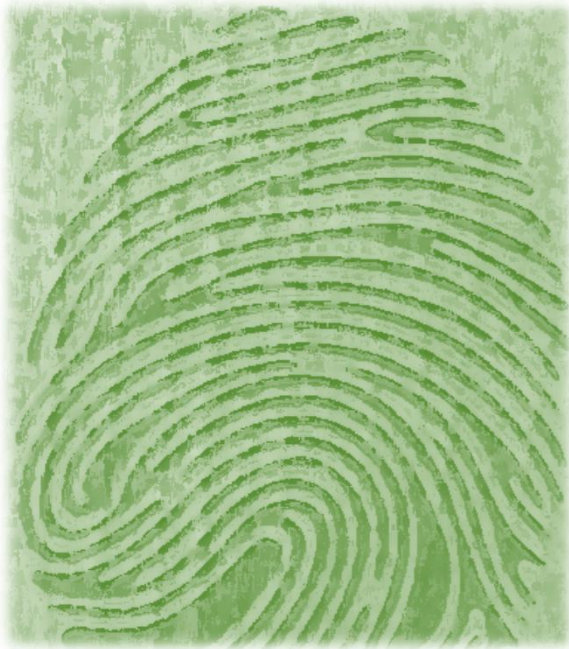


- **Sampling guide** will be published in the coming weeks
- Infogram on **current timber tracking technologies** is ready for publication
- **Guide** for data analysis and data quality is being developed

Quick guide



GTTN Reference Database



For participating laboratories:

- Query existing reference data
- For any wood-ID method
- Data holders define access condition

Data repository

- Metadata in one secure location
- Central and distributed data

- Exploring cooperation with TreeGenesdb.org
- Fulfills design requirements – not only DNA!
- TREEGENES system architecture allows for a separate GTTN platform to be developed



Lab finder

Reference database

IAWA Index Xylariorum

Document library

Associated projects

Videos

Lab finder

Reference database

**IAWA Index
Xylarium**

Document library

Associated projects

Videos

Advocacy



- Priority species for reference data development: update
- Inform development of new sampling campaigns
- Assessing market for GTTN services
- Advocate for funding and coordination between donors

www.globaltimbertrackingnetwork.org

GLOBAL TIMBER TRACKING NEWS

Enjoy weekly updates

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PROVIDERS, USERS AND PRODUCTS

The Global Timber Tracking Network (GTIN) promotes the operationalisation of innovative tools for species identification and for determining the geographic origin of wood to verify trade claims.

Testimonials

Experiences and information from GTIN members – what does the Network mean for you?



Network

GTIN is a network for organisations who are Network Partners, and individuals who make up the Expert Network



Projects database

Information on projects relevant for GTIN – please contact us if you have a project you wish to share



Document library

All texts produced by, or of relevance to GTIN. Contribute to the library by sharing your papers and reports!



•For further info, please contact:

- jo.vanbrusselen@efi.int, GTTN coordinator & advocacy topics
- nele.schmitz@thuenen.de, WG1, standardisation topics manager
- simo.varis@efi.int, WG2, information systems developer
- jose.bolanos@efi.int, WG3, communications manager



With support from



Federal Ministry
of Food
and Agriculture

by decision of the
German Bundestag

The objective of the Global Timber Tracking Network (GT TN) is to promote the operationalization of innovative tools for wood identification and origin determination, to assist the fight against illegal logging and related trade around the globe.

GT TN is an open alliance that cooperates along a joint vision and the network activities are financed through an open multi-donor approach. GT TN phase 2 coordination (2017-2019) is financed by the German Federal Ministry of Food and Agriculture (BMEL).