

GTTN

Global Timber Tracking Network Wood Identification Technology: tools to support legal trade

GTTN at ITTC 55 – Trade and markets 3 December 2019- Lomé, Togo

Jo Van Brusselen, <u>Jose Bolaños</u>, Nele Schmitz, Yitagesu Tekle, GTTN Secretariat

www.globaltimbertrackingnetwork.org

GTTN in a nutshell





- Started in 2013 coordinated by Bioversity International
- Network of 200+ researchers, labs and authorities worldwide
- Advancing innovative science-based approaches to verify trade claims of wood-based products

Two key end-user groups





 <u>law enforcement</u>, customs, CITES authorities, competent authorities, judiciary;



<u>due diligence</u>: economic operators' own
due diligence systems; SFM and CoC due
diligence certifiers;

Be sure a trade claim is correct?



Product type



Trade claim: geographical origin and tree species

Bill of Lading Short Form

	PO #:	
Details	Quantity	Weight (Unit)





Seeking a holistic approach





GTTN work programme





Service Provider Directory

Reference database

Guidelines, standardization



Market assessment



Priority species list



Communication, advocacy







The **Service Provider Directory (SPD)** will provide information on available scientific methods and tools to verify declared tree species and / or geographic origin

Development so far with inputs from USFS-common names database, WRI, Traffic, IAWA

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
- Fulfils design requirements not only DNA!
- TreeGenes systems architecture allows for a separate GTTN platform to be developed







- General sampling guide
- Timber Tracking Tool Infogram
- Data analysis guidelines (work in progress)
- Lab quality indicators





K(d

٢O]







DOI: 10.13140/RG.2.2.10132.04483

An updated list was needed to reflect:

- CITES updated priority species
- Infractions /e.g. prosecutions data
- Lesser known timber species are being traded

in increasing volumes

• Markets changing due to legislation,

demography, developing economies etc.

 Species priorities can reduce when reference data are created.

Communication, networking, outreach

• Meetings: Working Groups, Task Forces and Regional Workshops



Beijing, 2019



Research stories from around the world





Media outreach



Nature News and Comment 🥑 7. April · 🚱

Scientists are optimistic that innovative techniques can pinpoint the true origin of timber.



NATURE.COM

Tree sleuths are using DNA tests and machine vision to crack timber crimes



≡ксет EARTH F<mark>O</mark>CUS



Building a Future: Scientists Build Lumber Library to Identify Poached Wood





Communication, networking, outreach



www.globaltimbertrackingnetwork.org ResearchGate, @GTTNetwork on Twitter Newsletter



HOME ABOUT US V PROJECTS V RESOURCES V NEWS EVENTS GET INVOLVED V GTTN DATABASE



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 and events manager



With support from

Federal Ministry of Food and Agriculture

by decision of the German Bundestag

The objective of the Global Timber Tracking Network (GTTN) 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.

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