Review of Forest Product Statistics

FORESTS

8th meeting ECE/FAO Team of Specialists on Forest Products Statistics

13 April 2021, on-line

Overview

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- Joint Forest Sector Questionnaire 2020

- Harmonised System 2027

- Joint Forest Sector Questionnaire 2019

- Forecast change and deadlines for Timber Forecast Questionnaire

- Team meetings and focused groups

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Joint Forest Sector Questionnaire 2020 - plans

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- Issue soon with May 24 deadline

- In English and Russian

- ECE includes JQ1, JQ2, JQ3, ECE-EU

- For ITTO members includes ITTO1, ITTO2, ITTO3

- User manual and conversion factors included

- Partial reply possible

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7   *VENEER SHEETS*
7.C   **Coniferous**
7.NC   **Non-Coniferous**
7.NC.T   *of which tropical*

Thin sheets of wood of uniform thickness, not exceeding 6 mm, rotary cut (i.e. peeled), sliced or sawn. **It includes** wood used for the manufacture of laminated construction material, furniture, veneer containers, etc. Production Statistics statistics **should** include exclude veneer sheets used for plywood production within the same country. **It is reported in** cubic metres solid volume.

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Joint Forest Sector Questionnaire 2020 – significant changes

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JQ2019

JQ2020

Removed ex-codes and item 1.2.C.Other

Joint Forest Sector Questionnaire 2020 – minor changes

Production

The solid volume or weight of all production of the products specified below. Please note that this includes production from all sources within the country including public, private, and informal sources. **It includes** the production of pulp that may immediately be consumed in the production of paper and paperboard as well as wood chips, particles and residues that are used immediately for energy. **It is reported** in cubic metres of solid volume in the case of ~~roundwood,~~ sawnwood and wood based panels and metric tonnes in the case of charcoal, wood pellets and other agglomerates, recovered post-consumer wood , pulp and paper products.

8.2 **_PARTICLE BOARD, ORIENTED STRAND BOARD (OSB) AND SIMILAR BOARD_**

A panel manufactured from small pieces of wood or other ligno-cellulosic materials (e.g. chips, flakes, splinters, strands, shreds, shives, etc.) bonded together by the use of an organic binder together with one or more of the following agents: heat, pressure, humidity, a catalyst, etc. Particle board is also called _chipboard_. ~~The particle board category is an aggregate category~~. **It includes** oriented strand board (OSB), medium density particle board (MDP), waferboard and flaxboard. **It excludes** wood wool and other particle boards bonded together with inorganic binders. **It is reported in** cubic metres solid volume.

8.2.1 **_ORIENTED STRAND BOARD (OSB)_**

A structural board in which layers of narrow wafers are layered alternately at right angles in order to give the board greater elastomechanical properties. The wafers, which resemble small pieces of veneer, are coated with e.g. waterproof phenolic resin glue, interleaved together in mats and then bonded together under heat and pressure. The resulting product is a solid, uniform building panel having high strength and water resistance. **It includes** _Fine OSB_ (board with OSB core and outer layers of particle board). **It excludes** waferboard. **It is reported in** cubic metres solid volume.

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Joint Forest Sector Questionnaire 2020 – minor changes

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12.4	OTHER PAPER AND PAPERBOARD N.E.S. (NOT ELSEWHERE SPECIFIED)

m3 = cubic metres solid volume

m^3ub = cubic metres solid volume underbark (i.e. excluding bark)

t = metric tonne

FOREST SECTOR QUESTIONNAIRE **ITTO2**
Trade in Tropical Species

Official Address (in full):

Telephone:	Fax:
E-mail:	

ncy and Unit of Value (e.g.:1000 US $):

		IMPORT				EXPORT			
		2019		**2020**		**2019**		**2020**	
Name	Local/Trade Name	Quantity $1000\ m^3$ub / $1000\ m^3$	Value	Quantity $1000\ m^3$ub / $1000\ m^3$	Value	Quantity $1000\ m^3$ub / $1000\ m^3$	Value	Quantity $1000\ m^3$ub / $1000\ m^3$	

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- Split sleepers (4406), hoopwood (4404) and treated wood (4403.12) into tropical and non-tropical non-coniferous (ITTO)
- 4403.11 split into pine/etc (ECE/FAO)
- 4403.12 split into oak/beach/eucalyptus, etc. (ECE/FAO)
- 4406.11/91 split into pine/etc (ECE/FAO)
- 4406.12/92 split into oak/beech/eucalyptus, etc. (ECE/FAO)
- Chips
  - Tropical, **eucalyptus wood chips under 4401.22** (accepted in CN2021)
  - split chips by end use (industry, pulp, energy)
- Rubber wood added to tropical sawnwood (ITTO / FAO)
- Separate laminated flooring from 44.11 (ECE/FAO)
- Rosewood (*Dalbergia* and other spp) 4403, 4407 (FAO/ITTO)
- Separate shavings from 4401.49 (FAO)
- ITTO to check possible tropical species codes under 4403.4x, 4407.2x, 4409.22
- 44.16 barrels of oak (FAO to check national statistics)
- Check for pallets code
- Splitting particle boards by use in construction/other (standards exist, to check if this could be applied to created new HS codes)

HS 2027 timeline
Jan 2021 – IWG initial list
Mar 2021 – Working Party
2nd half 2021 – **letter to WP and ToS requesting comments**
Jan 2022 – IWG review
Mar 2022 – FAO drafts IWG proposal (with other FAO)
Spring/Fall 2022 – Submit to WCO
2022-2024 – shepherd through WCO process

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FAO Proposal to ISIC Revision

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Please elaborate below:

FAO Proposal. Create new class for Manufacture of wooden furniture under the Group 310 (Division 31):

Current ISIC Rev.4 structure:
Division 31 Manufacture of furniture
Group 310 | Class 3100 Manufacture of furniture

Proposed new ISIC structure:
Division 31 Manufacture of furniture
Group 310   Manufacture of furniture
   Class 3110 Manufacture of wooden furniture
   Class 3190 Manufacture of other furniture

Rationale:
The wooden furniture market accounts for a significant part of the global furniture market worth 440 billion USD (source FPAMR). Trade in wooden furniture exceeded 60 billion USD in 2018 (source: UN Comtrade), one third of global trade in all furniture. The wooden furniture industry is a key component of the integration of developing countries in global trade, encouraging the use of local resources and increasing value-added production. Its use of renewable materials provides a means for contributing to the bio-economy and the ability to recycle this material for material or energy use is high. Having separate socioeconomic statistics for the manufacture wooden furniture (proposed new ISIC Class 3110) will help data users understand this industry's interlinkages with other forest-based subsectors (particularly ISIC divisions 02 and 16) as well as trends in the structure of the whole furniture industry. It will help in monitoring developments in forest sector value chains and assess wood products' contribution to the bio-economy and substitution effects of non-renewable materials (such as plastics and metal) and monitoring progress towards SDG 12 (sustainable production and consumption).

October 2019 proposal

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Joint Forest Sector Questionnaire
Returns and processing for JQ2019

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Cumulative Receipts and Processing of JFSQ 2019 (initial replies)

— Received — Uploaded

July 2 was last date to use figures in FPAMR
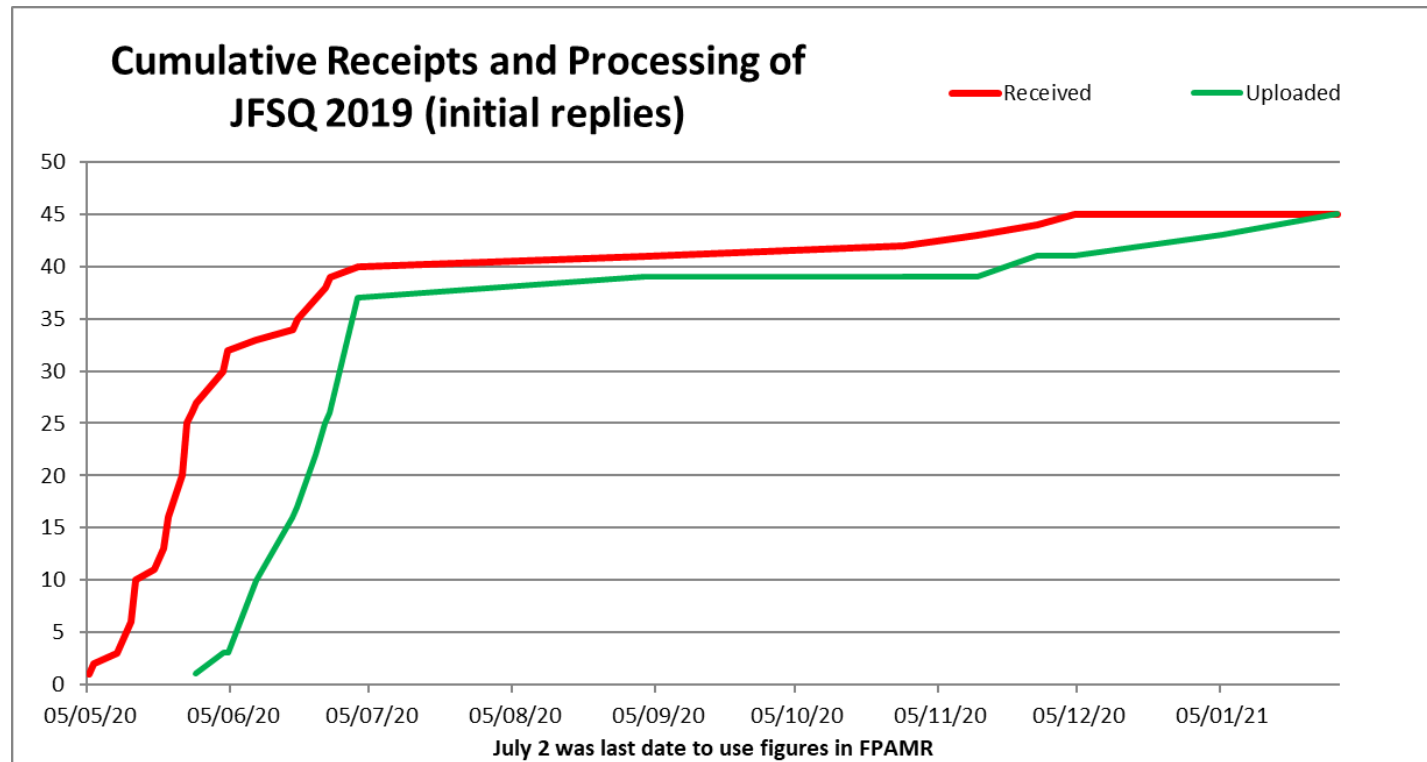
		2017	2018	2019	2020
June 14	Received	29	33	24	33
	Processed	11	13	2	13
July 2	Received	33	39	32	40
	Processed	37	36	22	37

Joint Forest Sector Questionnaire

Trend 2000-2020

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JFSQ replies 2000-2020
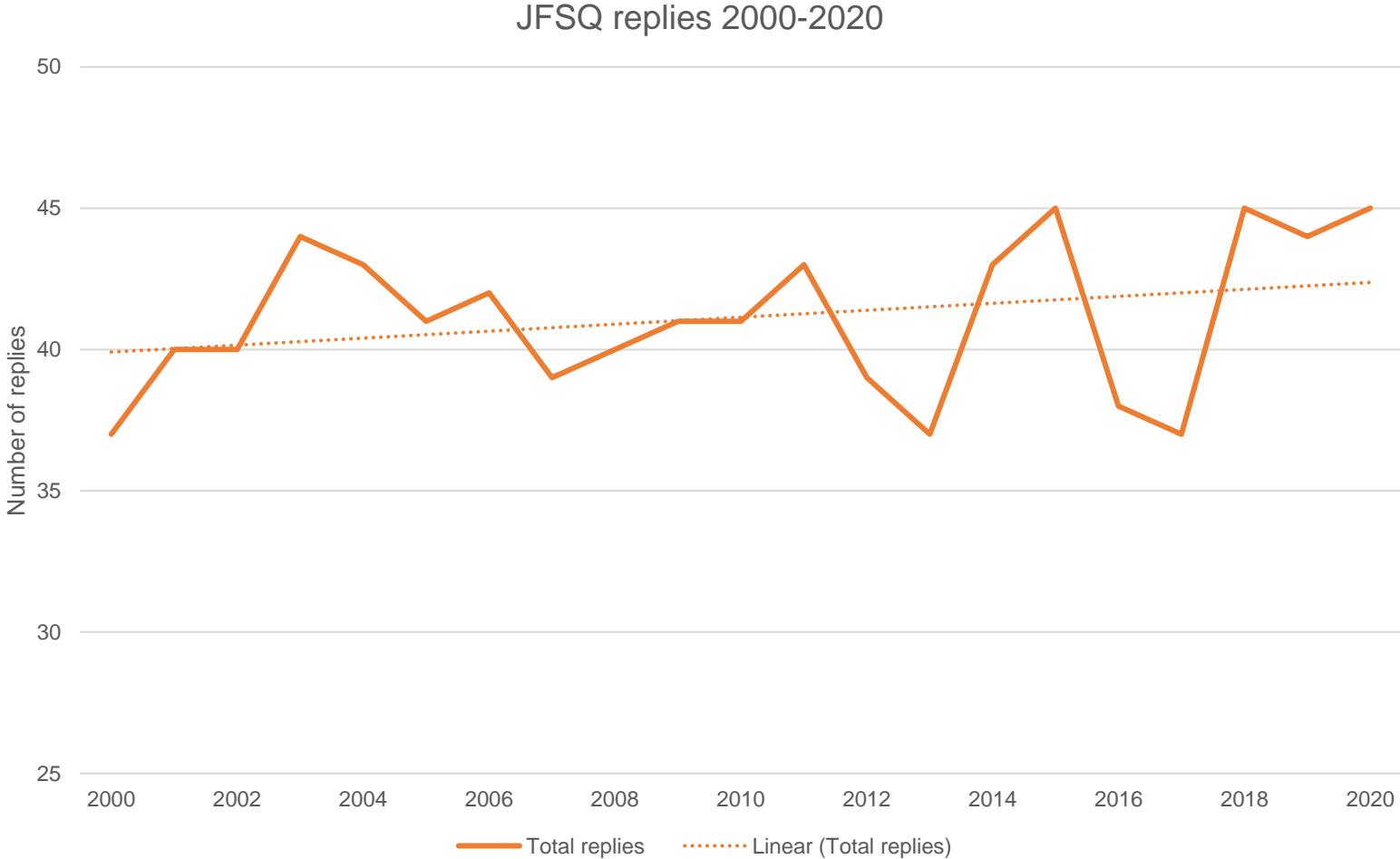
Joint Forest Sector Questionnaire 2019 – results (1)

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Country	2012	2013	2014	2015	2016	2017	2018	2019
Albania								
Armenia	●	●	●		●			
Austria	●	●	●	●	●	●	●	●
Azerbaijan	●	●		●	●	●		
Belarus	●	●			●	●	●	●
Belgium								
Bosnia and Herzegovina	●	●	●	●	●	●	●	●
Bulgaria	●	●	●	●	●	●	●	
Canada	●	●	●	●	●	●	●	
Croatia	●	●	●	●	●	●	●	●
Cyprus	●	●	●	●	●	●	●	●
Czechia	●	●	●	●	●	●	●	●
Denmark	●	●		●	●			
Estonia	●	●	●	●	●	●	●	●
Finland		●	●	●	●	●	●	●
France	●	●	●	●	●	●	●	●
Georgia	●	●			●			
Germany	●	●	●	●	●	●	●	●
Greece						●	●	
Hungary	●	●	●	●	●	●	●	
Iceland	●					●	●	●
Ireland	●	●	●	●	●	●	●	
Israel								
Italy	●	●	●	●	●	●	●	●
Kazakhstan		●						
Kyrgyzstan	●	●			●	●		
Latvia	●	●	●	●	●	●		
Liechtenstein								

- Indicates 80% of data requested is supplied

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Joint Forest Sector Questionnaire 2019 – results (2)

FORESTS

Country	2012	2013	2014	2015	2016	2017	2018	2019
Lithuania	●	●	●	●	●	●	●	●
Luxembourg	●	●						
Malta	●	●	●	●		●	●	●
Montenegro								
Netherlands	●	●	●	●	●	●	●	●
North Macedonia	●	●		●	●			
Norway	●	●	●	●	●	●	●	●
Poland	●	●	●	●	●	●	●	●
Portugal	●	●	●	●	●	●	●	●
Republic of Moldova	●	●			●	●		
Romania	●	●	●	●	●	●	●	●
Russian Federation	●		●					
Serbia	●	●	●	●	●	●	●	●
Slovakia	●	●	●	●	●	●	●	●
Slovenia	●	●	●	●	●	●	●	●
Spain	●	●	●	●	●	●	●	●
Sweden	●	●	●	●	●	●	●	●
Switzerland	●	●	●	●	●	●	●	●
Tajikistan								
Turkey	●	●	●	●	●	●	●	
Turkmenistan								
Ukraine	●	●						
United Kingdom	●	●	●	●	●	●	●	●
United States	●	●	●	●		●	●	●
Uzbekistan								
Grand Total	42	42	33	34	37	37	33	27

- ● Indicates 80% of data requested is supplied

Joint Forest Sector Questionnaire 2019

Common problems and processing issues

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- Blank cells (use "…" for not available)

- Not clear what is done with "ex" code items
  - Wood residues / recovered wood
  - Plywood coniferous / non-coniferous
  - MDF / other board
  - Tropical items (by origin)

- Aggregate (total) items not matching subitems
  - Can indicate that something is included in total but not subitems (e.g. plywood "ex" codes)
  - "Bottom up" processing at FAO and ECE means all subitems should be filled in to match total

- Can provide data in national currency

- Delays in processing updates

- Data flow for revisions between organizations

- Long-term data changes not always reflected

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Timber Forecast Questionnaire

Change to forecasts in published tables

- Forecasts for current year and forthcoming year

- In 2020, for first time, we used only forecasts from replying countries (29)

+ more accurate forecast, not smoothed out by repeating data from non-responding countries

– Totals not comparable to JFSQ, missing large country

Sawn Softwood Consumption (1000 m3)		2019	2020	2021	2020/2019	2021/2020
2020 TFQ	Europe	86 440	83 896	87 439	97.1%	104.2%
as reported	EECCA	11 035	11 724	10 874	106.2%	92.8%
with repeated data	Europe	97 099	94 555	98 098	97.4%	103.7%
based on 2019 JFSQ totals for region	EECCA	16 095	16 785	15 935	104.3%	94.9%

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Timber Forecast Questionnaire

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- To maintain the use of actual forecasts in the Forest Products Market Review we would need an earlier deadline.

- Usually we request late September

- For this we would need early September with final data by end of that month to publish by Committee meeting in November

- Impact in 2020 was somewhat lower replies, 29 rather than average of 33 in past 5 years.

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- Smaller group discussions by subject area
  - Roundwood definition (wood fuel from outside forests – special questionnaire?)
  - Panels in HS/CN classification, definitions update
  - Survey for veneer / plywood coverage
  - Comparison of wood waste with JFSQ
  - The wood fiber balance should provide net trade in chips with a factor for allocating these to wood energy.
  - CN codes and chips
  - See mandate issues (joinery/furniture conversion factors, non-wood forest products etc)
- Regular core group discussion
- Q&A on JFSQ in May for all correspondents

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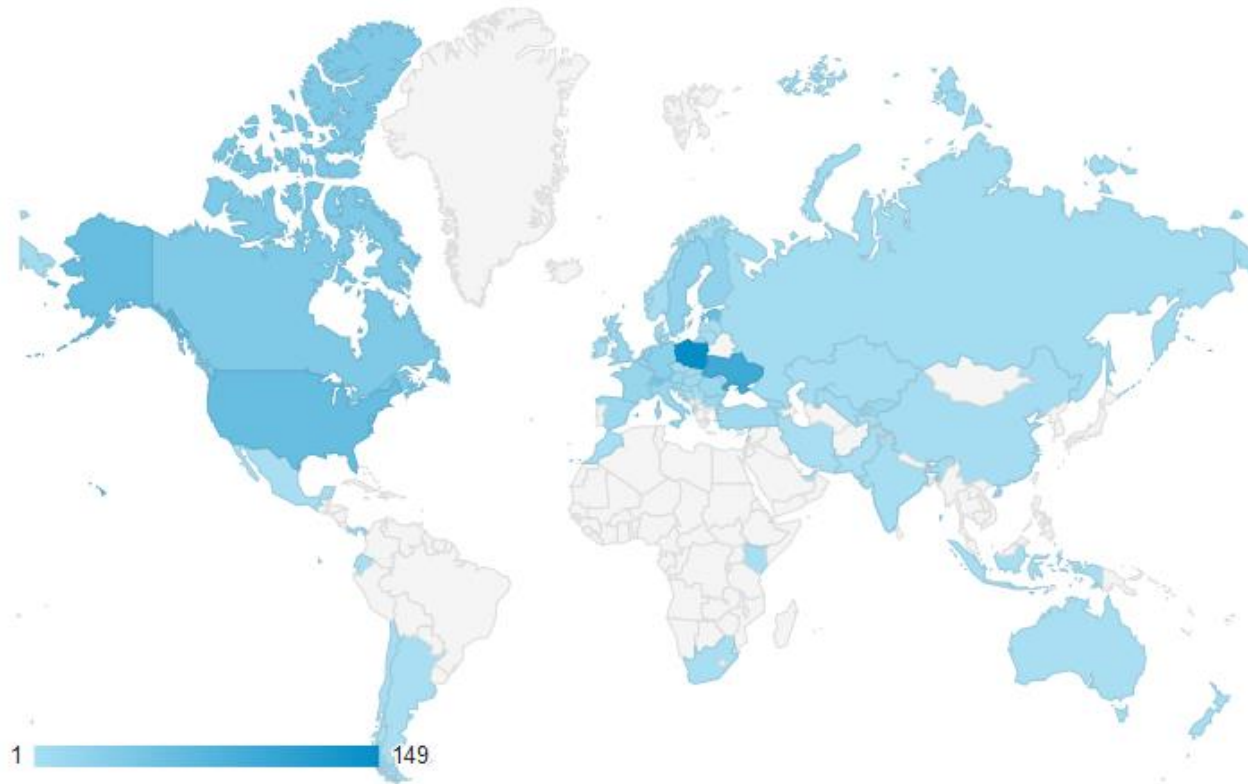Food and Agriculture Organization
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- Biorefinery (CEPI)

- Panels (EPF)

- Nomination process for Team
  - Governments can always nominate and approval is automatic
  - Self / Secretariat nomination – discuss with Core group, if agreed request approval at next formal Team meeting

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INForest launch - https://forest-data.unece.org/

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Share link ✕

Your data and knowledge platform for forests in the UNECE region

INForest

https://forest-data.unece.org/Indicators/2?lang=EN#Map-1

URL

Language

EN | RU | PL | ×

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Thank you!

Alex McCusker
Secretary to the Team of Specialists on Forest Products Statistics
UNECE/FAO Forestry and Timber Section

13 April 2021

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