

The role of wood-based industries in the transition to a sustainable bioeconomy

The Advisory Committee on Sustainable Forest Based Industries (ACSFI) and the initiative Sustainable Wood for a Sustainable World (SW4SW)

21 September 2023
Kastamonu, Türkiye



PRIORITY WORK AREAS 2023 AND BEYOND



**PRIORITY AREA 1
HALTING DEFORESTATION AND ENHANCING RESILIENCE**



**PRIORITY AREA 2
MAINSTREAMING BIODIVERSITY AND RESTORING FOREST
ECOSYSTEM**



**PRIORITY AREA 3
ENHANCING SUSTAINABLE PRODUCTION, USE AND
LIVELIHOODS**

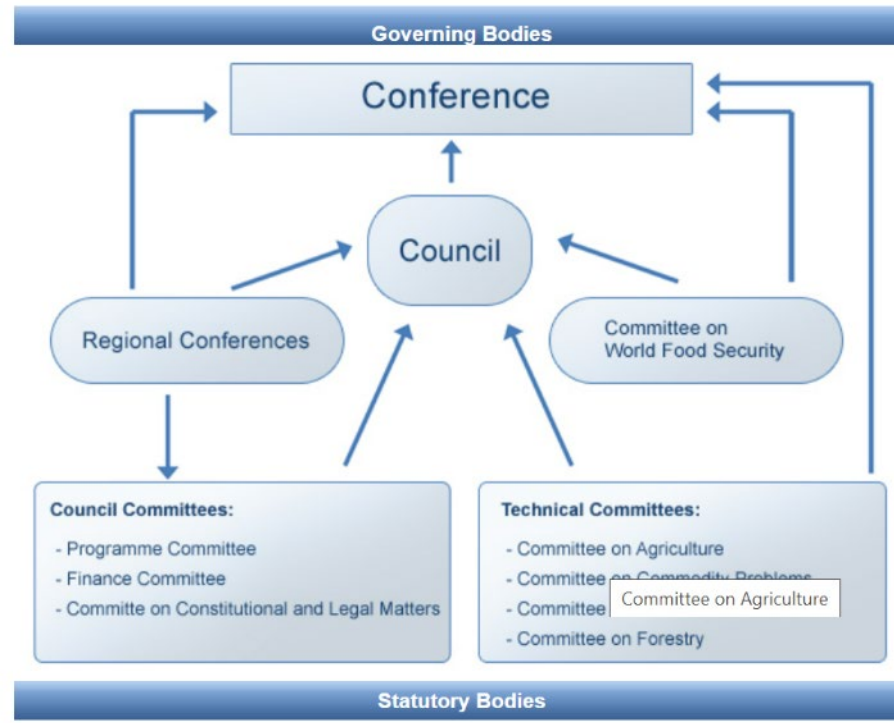


15 LIFE
ON LAND



**PRIORITY AREA 4
DATA, STATISTICS, ANALYTICS**

FAO Governing Bodies



FAO Forestry Statutory Bodies

- Advisory Committee on Sustainable Forest-based Industries (ACSF)
- African Forestry and Wildlife Commission (AFWC)
- AFWC/EFC/NEFC Committee on Mediterranean Forestry Questions “Silva Mediterranea”
- Asia-Pacific Forestry Commission (APFC)
- European Forestry Commission (EFC)
- International Commission on Poplars and Other Fast-Growing Trees Sustaining People and the Environment (former International Poplar Commission)
- Latin American and Caribbean Forestry Commission
- Near East Forestry and Range Commission (NEFRC)
- North American Forest Commission (NAFC)

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FAO's Advisory Committee on Sustainable Forest-Based Industries (ACSF)

- Forest private sector provides guidance to FAO on forest-related issues
- Established in **1960**
- FAO **statutory body**
- Composed of senior executives from the private sector industry worldwide
- Currently **26 Members**
- The functioning of the Committee follows the official [ACSF Rules of Procedure](#) and [ACSF Statutes](#)
- Meets **annually**



ACSFJ members as of 21 September 2023

- Alexander von Reibenitz, Chief Executive Officer, DIE PAPIERINDUSTRIE e.V.,**
Germany
- Andrew Large, Director-General, Confederation of Paper Industries**
United Kingdom
- Boris Zingarevich, Vice-President, Russian National Pulp and Paper Association (RAO Bumprom)**
Russian Federation
- Charles Nyanjui, Chairperson, Farm Forestry Smallholder Producers Association of Kenya (FFSPAK)**
Kenya
- David Rhodes, Chief Executive Officer, New Zealand Forest Owners Association**
New Zealand
- Derek Nighbor, Chief Executive Officer, Forest Products Association of Canada (FPAC)**
Canada
- Françoise Van de Ven, President, Association Technique Internationale des Bois Tropicaux (ATIBT)**
France
- Giulia Fadini, Project Manager, Confederation of European Paper Industries (CEPI)**
Belgium
- Göksel Korkmaz, President, Turkish Forest Industry and Businessmen Association**
Türkiye
- Hüseyin Güler, Business Planning & Innovation Director, Kastomonu Entegre**
Türkiye
- Heidi Brock, President and CEO of the American Forest & Paper Association**
United States
- Indroyono Soesilo, Chairman, Association of Indonesian Forest Concessionaires**
Indonesia
- Jane Molony, Executive Director, Paper Manufacturers Association**
South Africa
- José Carlos da Fonseca Junior, Executive Director, Brazilian Tree Industry (IBA)**
Brazil
- Jose Urtubev, Director, Grupo Tapebicuá**
Guatemala
- Kwame Asamoah Adam, Chief Executive Officer, Ghana Timber Millers Organization**
Ghana
- Lorenz Freiherr Klein von Wisenberg, Member of Board c/o AGDW - Die Waldeigentüemer, German Federation of Forestland Owner Associations**
Germany
- Ngo Sy Hoai, Vice President & Secretary General, Vietnam Timber & Forest products Association (VIFOREST)**
Viet Nam
- Paul-Antoine Lacour, Directeur général, Union Française des Industries des Cartons, Papiers et Celluloses (COPACEL)**
France
- Ross Hampton, Executive Director, International Sustainable Forestry Coalition**
Australia
- Scott Jones, CEO American Forestry Landowner Association**
United States
- Shobhan Mittal, President, Greenply Industries**
India
- Silvia Melegari, Secretary General, European Confederation of Woodworking Industries (CEI-Bòis)**
Belgium
- Tsunehiro Ogawa, President, Japan Paper Association**
Japan
- Viveka Beckeman, Director General, Swedish Forest Industries Federation**
Sweden
- Wu Shengfu, President, China Wood Culture Association**
China

ACSF Mandate

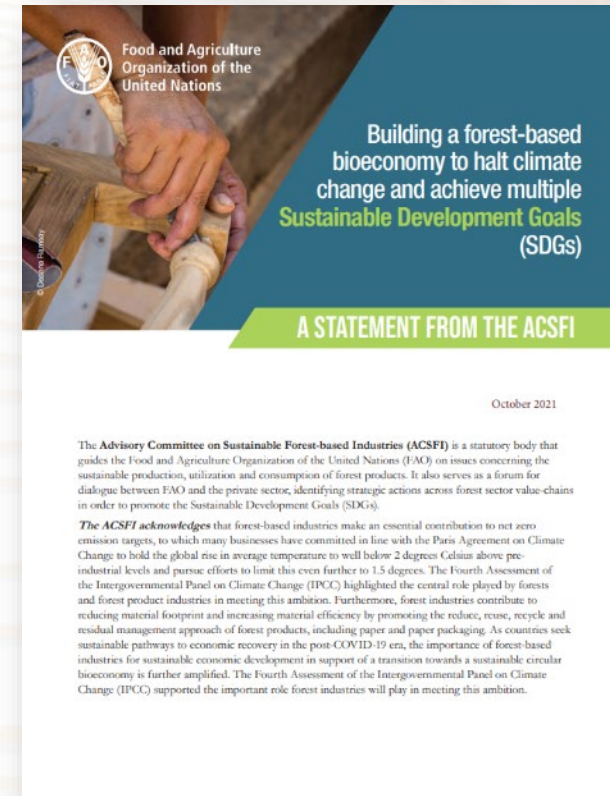
“ It provides a **forum for dialogue** between FAO and the private sector to enhance the understanding of **emerging opportunities**, and to identify **strategic actions** that promote sustainable forest management, as well as sustainable consumption and production patterns related to forest products.”

ACSF priority area of work: Bioeconomy

Release of ACSFI Statement on Bioeconomy

The ACSFI committed to:

- **Strengthen** and further **recognize** the important role played by forests, active forestry and forest products in the transition towards a functioning sustainable circular bioeconomy
- **Incentivize** and **encourage** the responsible production and consumption of sustainable forest-based products
- **Ensure** the sustainable and circular flow of renewable materials
- Foster research to **improve** the understanding of product and market level substitution effects

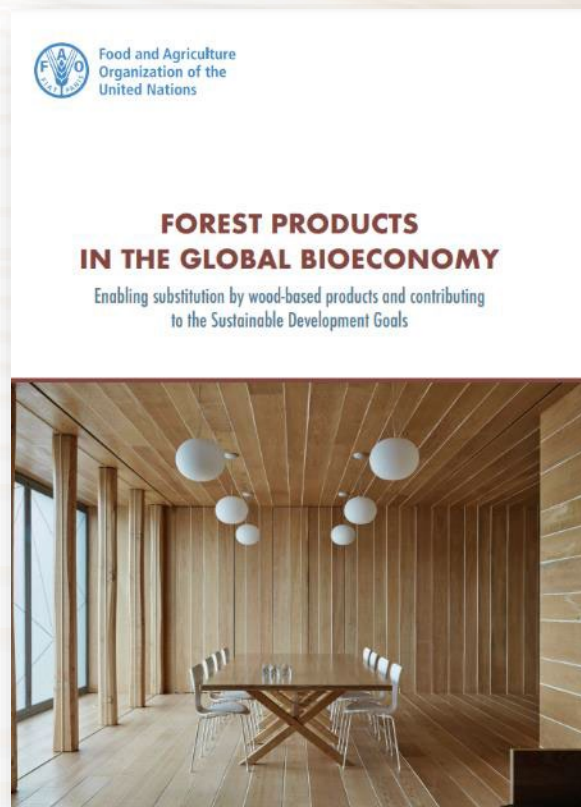


ACSF priority area of work: Bioeconomy

Release of the report on the role of Forest Products in the Global Bioeconomy

Recommendations targeting the private sector:

- **Focus** on long-term responsible and sustainable production that contribute to achieving the SDGs
- **Contribute** to improved understanding of how the environmental impacts of forest products compare with products made from other materials
- **Provide** transparent and accurate information on the climate and other environmental impacts of products over their entire life cycle
- **Invest** in developing efficient production processes and technologies that optimize material use



ACSF priority area of work: Bioeconomy

Release of the report on bioenergy

Recommendations:

- **Encourage** systematic changes in governance to enable the modernization of wood energy value chains
- **Raise awareness** of the benefits of modern bioenergy
- **Improve data** on wood flows from the land base to the end-users to quantify and characterize wood residue potential
- **Develop** classification and standardization of systems and practices for wood residues and wood residue-based energy carriers

The role of wood residues in the transition to sustainable bioenergy




Analysis of good practices and recommendations for the deployment of wood residues for energy

ACSF priority area of work: Bioeconomy

Ministerial Call on Sustainable Wood (XV World Forestry Congress) May 2022

Outcomes:

- Sustainable wood **offers** solutions across multiple value chains, including construction, furniture, packaging, renewable energy, biomaterials
- **Using** sustainable wood replacing carbon-intensive materials has high potential to become a cost-effective and innovative contribution to build more resilient economies
- Sustainable wood-based solutions **build** synergies with broader aims for economic recovery, growth of rural areas and circular economy innovation



XV WORLD FORESTRY CONGRESS
Building a Green, Healthy and Resilient Future with Forests
2-6 May 2022 | Coex, Seoul, Republic of Korea

Ministerial Call on Sustainable Wood

Sustainable production and consumption of wood promotes forest conservation, enhances the value of forests and mitigates climate change. Building and living with wood responds to an increased demand for renewable materials and provides impetus for green recovery. Sustainable wood offers solutions across multiple value chains, including construction, furniture, packaging, renewable energy, biomaterials for clothing and biochemicals.

Scaling-up bio-economies by using sustainable wood replacing carbon-intensive materials has high potential to become a cost-effective and innovative contribution at scale to achieve carbon neutrality and build more resilient economies.



Sustainable wood-based solutions build synergies with broader aims for economic recovery, growth of rural areas and circular economy innovation. Sustainable wood-based solutions need to build on sustainable forest management and address risks of trade-offs with the multiple other roles of forests, such as carbon storage in forests, loss of biodiversity and of other essential forest services, including through enhanced management, restoration and afforestation efforts.

Building on our national policy experiences and commitments to use wood resources sustainably, and conscious of the need for cost-effective and equitable solutions at scale for value-added and carbon-neutral products, we have come together in the Ministerial Forum on Sustainable Wood to call for **scaling-up sustainable wood-based pathways**:

- to address the lack of awareness of their potential;
- to enhance global and regional policy dialogues on pathways and related synergies and trade-offs and ways to strengthen investments;
- to improve modalities to promote technical exchange, sharing of experiences and learning in order to drive innovations, from sustainable forest management and efficient wood value chains to sustainable wood use;
- to significantly increase the use of sustainable wood-based solutions within Nationally Determined Contributions by 2030.

We also commit to join forces together to promote enhanced policy and technical dialogue and exchange among producer and consumer countries and key stakeholders to develop the necessary momentum and actions at scale, and invite the Food and Agriculture Organization of the United Nations and members of the Collaborative Partnership of Forests (CPF) to support our efforts.

We are convinced that mobilizing the full potential of sustainable wood will enable us to build more carbon-neutral and resilient economies and progress towards more sustainable societies.



Korea Forest Service | Food and Agriculture Organization of the United Nations

The Sustainable wood for a Sustainable World (SW4SW) Joint CPF Initiative



Food and Agriculture
Organization of the
United Nations



Joint initiative of international organizations to deliver strong message on the utmost importance of **sustainable wood value chains** to achieve **SDGs** and accelerate **climate change** objectives.



SUSTAINABLE WOOD SUSTAINABLE WORLD

Strengthen **sustainable wood value chains** to enhance their social, economic and environmental benefits from sustainable production to consumption, for the more efficient achievement of **SDGs and climate change objectives.**

The Initiative operates at four levels:

POLICY LEVEL

Establish **dialogue** through global, regional, cross-sectoral and multistakeholder platforms

OPERATIONAL LEVEL

Improve **data** sets to better match the relevant needs to promote sustainable wood production; Develop tools and guidelines based on evidenced technical know how and data; Targeted capacity building



SCIENTIFIC LEVEL

Strengthen technical **knowhow** evidencing sustainability and benefits of wood production

POLITICAL LEVEL

Communication, dissemination, **advocacy** of the wide-reaching benefits of sustainable wood

SUSTAINABLE WOOD  SUSTAINABLE WORLD

SW4SW intervention: Value chain approach to forestry

- Value Chain Assessments
- Value added, Employment, products, services, markets
- Cartography of stakeholders; formal and informal flows
- Identification of bottlenecks/transaction costs
- Sustainability indicators



- Planning and implementation (coherent approach between resource base, production, downstream processing)
- Monitoring
- Regulatory interventions
- Connection to non-forest policies and instruments (finance, trade, industry, etc.)
- Linkages to markets and investors
- Capacity building
- Partnerships



SUSTAINABLE *for a* **SUSTAINABLE**
WOOD **WORLD**

Key results 2018 - 2022

SW4SW 2018 – 2022

Knowledge exchange, Policy dialogues, workshops, technical webinars and events on sustainable wood value chains

- SW4SW [National and regional policy dialogues](#) (Cameroon, South Africa, Kenya, China) - 2018/2019
- SW4SW Workshop on [“Wood Products in the Sustainable Bioeconomy”](#) - 2019
- [Expert meeting](#) on catalyzing finance for forest value chains with investors and project developers - 2019
- SW4SW roundtable at the COVID-19 Forestry Webinar Week: “Impact of COVID-19 on wood value chains ([policy brief available](#)) – 2020
- FTN Webinar on [“Sustainable wood in construction”](#) - 2021
- Regional exchange on forest finance (Kenya), FFF, CIFOR-ICRAF (on-going).

SW4SW 2018 – 2022

◎ **Capacity development** and **technical support** to strengthen wood value chains

- Sustainable wood production and sustainable forestry enterprises (Mozambique) – WB/FAO/GEF
- Training to forest producer organizations on bankable business plans and access to finance (Kenya and Uganda).
- Forest Investment Center (Kenya); forest finance strategy formulated in Kenya and Suriname (2021-22).
- Institutional restructuring of the Wood Promotion Centre in Cameroon (on-going)
- Regional work in Central Africa focused on Cameroon, Gabon, the Democratic Republic of Congo and the Republic of Congo on enhancing sustainability of wood regional trade and increase value added and productivity in the region (ongoing).
- Draft [template](#) to guide the planning of SW4SW activities at country level

SW4SW 2018 – 2022

● **Normative work** on sustainable forest production, wood value chains and markets to support policy-making

- [Voluntary guidelines forest concessions – FAO](#), CIFOR, ITTO, WB (with other partners);
- Database timber legality (global) – FAO FLEGT Programme
- Value chain’s sustainability assessment (Congo Basin) – FAO/WWF
- Rosewood (mukula) value chains and trade assessment (Zambia) – CIFOR/CITES
- Assessment of forest value chains mapping financing sources (Kenya)
- [Learning guide](#) and associated e-learning module for the development of bankable businesses for forest producers
- [Global](#) and national assessments on the economic importance and linkages of the forest sector within the national economies (FAO/University of Georgia)
- [Global forest sector outlook 2050](#) (ITTO/Unique)
- document focused on operationalizing a value chain approach in forestry for enhanced sustainability and increased finance (on-going)

Green supply chains
Legality/Traceability
Education



Value chains' assessments
Sustainable production
Legality
Finance
Bioeconomy
Advocacy



Food and Agriculture
Organization of the
United Nations

Scientific evidence
Sustainable production
Value chains' assessments



#SW4SW

#woodisgood

Green supply chains
Value chain assessments
Sustainable plantations (NGP)



Sustainable landscapes
Sustainable production



WORLD BANK GROUP

Legality
Sustainable value chains



*Be inspired by trees and **wood** products!*



.@FAODG QU Dongyu and #COFO26 delegates have been admiring the extraordinary products that can be made from sustainable wood on display at @FAO HQ this week - including a sink.

Choose sustainable wood for a sustainable world!

#SW4SW



5:31 PM · Oct 7, 2022

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Thank you!

Sven Walter | Sven.walter@fao.org

