Forest-positive sourcing with PEFC

Julia Kozlik
Market Engagement Manager and
Textile Program Lead, **PEFC International**

19 February 2024

PEFC
PEFC/01-00-01

PEFC: Programme for the Endorsement of Forest Certification

Who we are

- Global, not-for-profit, non-governmental organization
- Alliance of national forest certification systems
- Founded in 1999 in response to smallholders' requirements

What we do

- Set international standards
- Endorse national forest certification systems
- Promote sustainable forest management through third-party forest certification:
  - Sustainable Forest Management (SFM) certification
  - Chain of custody (CoC) certification

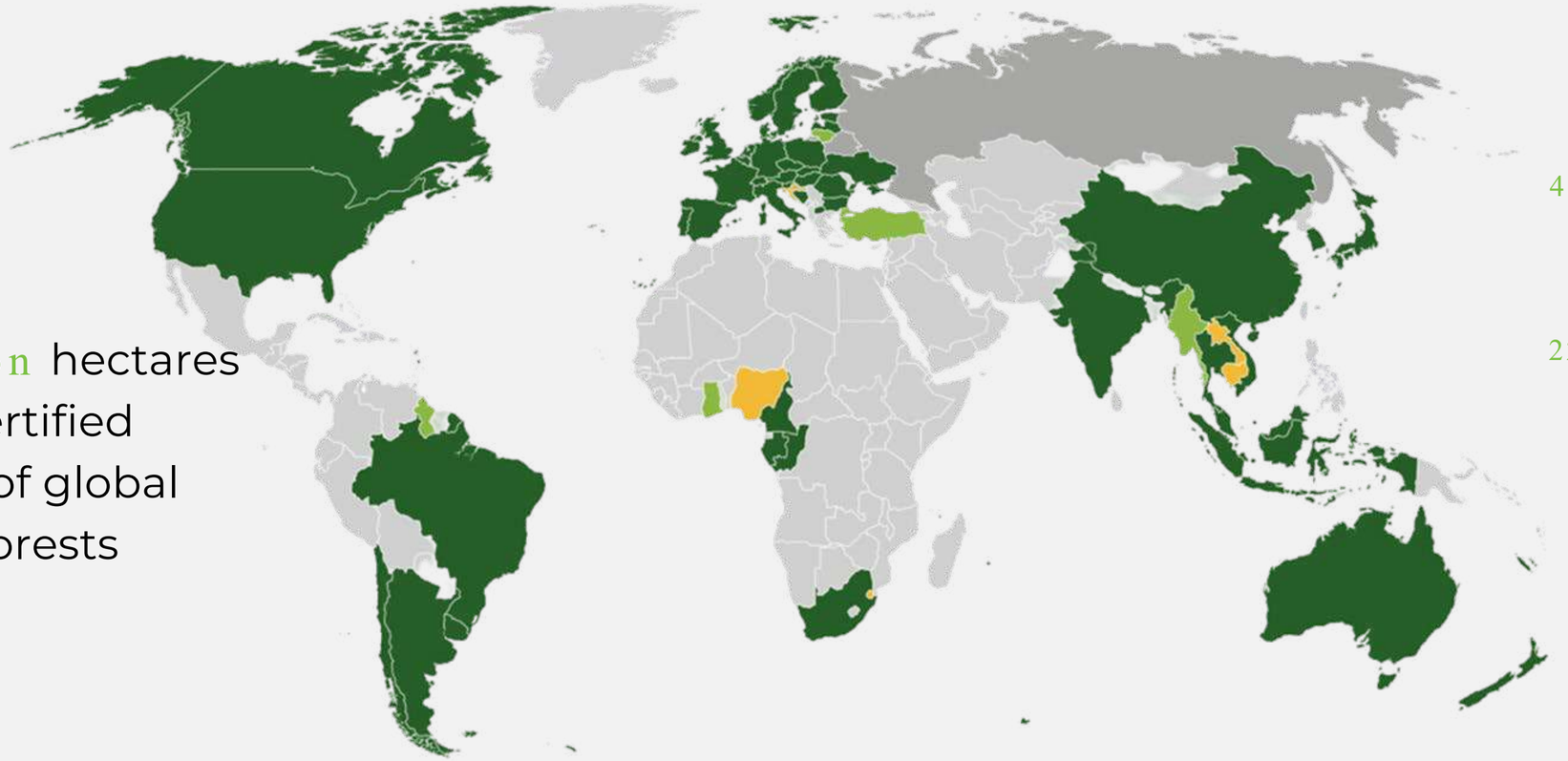
PEFC

PEFC/01-00-01

PEFC is the leader in certified forest area globally

High availability of certified raw material

Over 288 million hectares of PEFC-certified = 71% share of global certified forests



PEFC members with **endorsed systems**
PEFC members progressing **toward endorsement**
Countries **developing a system** & initiatives under development
Russia & Belarus

48 Endorsed National systems

More than 22,000 PEFC-certified companies in 70 countries

PEFC
PEFC/01-00-01

Data November 2022 - 288 million without Russia and Belarus. Data January 2022 - 322millions hectares

The Poll

PEFC/01-00-01

The Fashion Industry is highlty concerned about potential risks to the forests

- Risks linked with forest **biodiversity**
- Risks linked with **climate change**
- Risks linked with **water security**
- Risks linked with **soil health**
- Risks linked with **deforestation**
- Risks linked with communities, including **Indigenous Peoples**

PEFC
PEFC/01-00-01

download the
whitepaper

Sustainable Forest Management (SFM) - DEFINITION

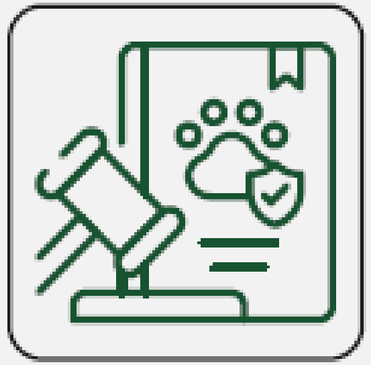
Sustainable forest management (SFM) has been defined by the United Nations General Assembly as a “dynamic and evolving concept, which aims to maintain and enhance the economic, social and environmental values of all types of forests, for the benefit of present and future generations” (FAO., 2007).
The aim of SFM is to ensure that forests supply goods and services to meet both present-day and future needs and contribute to the sustainable development of communities. Forests and trees, when sustainably managed, make vital contributions both to people and to the planet, representing a source of livelihoods, providing clean air and water, conserving biodiversity, and contributing to climate change mitigation (FAO.).

PEFC
PEFC/01-00-01

How Sustainable Forest Management Mitigates Forest-level Risks

Sustainable forest management contributes to:

Biodiversity protection



Protection of threatened and endangered species

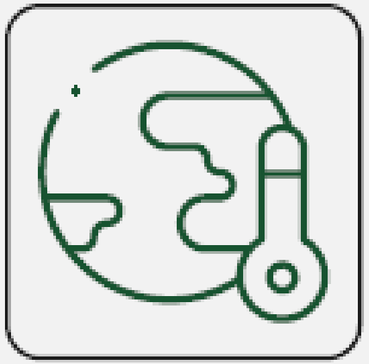
Forests are home to more than 80% of all terrestrial species of animals, plants, and insects.

PEFC
PEFC/01-00-01

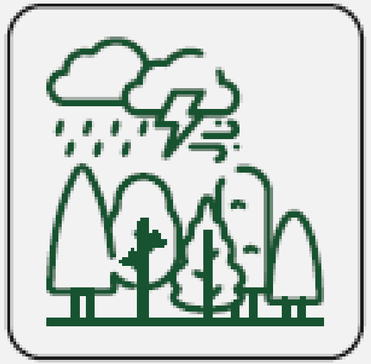
SFM examples are based on the PEFC Sustainable Forest Management - Requirements, PEFC ST 1003:2018

How Sustainable Forest Management Mitigates Forest-level Risks

Sustainable forest management contributes to:



Climate change mitigation



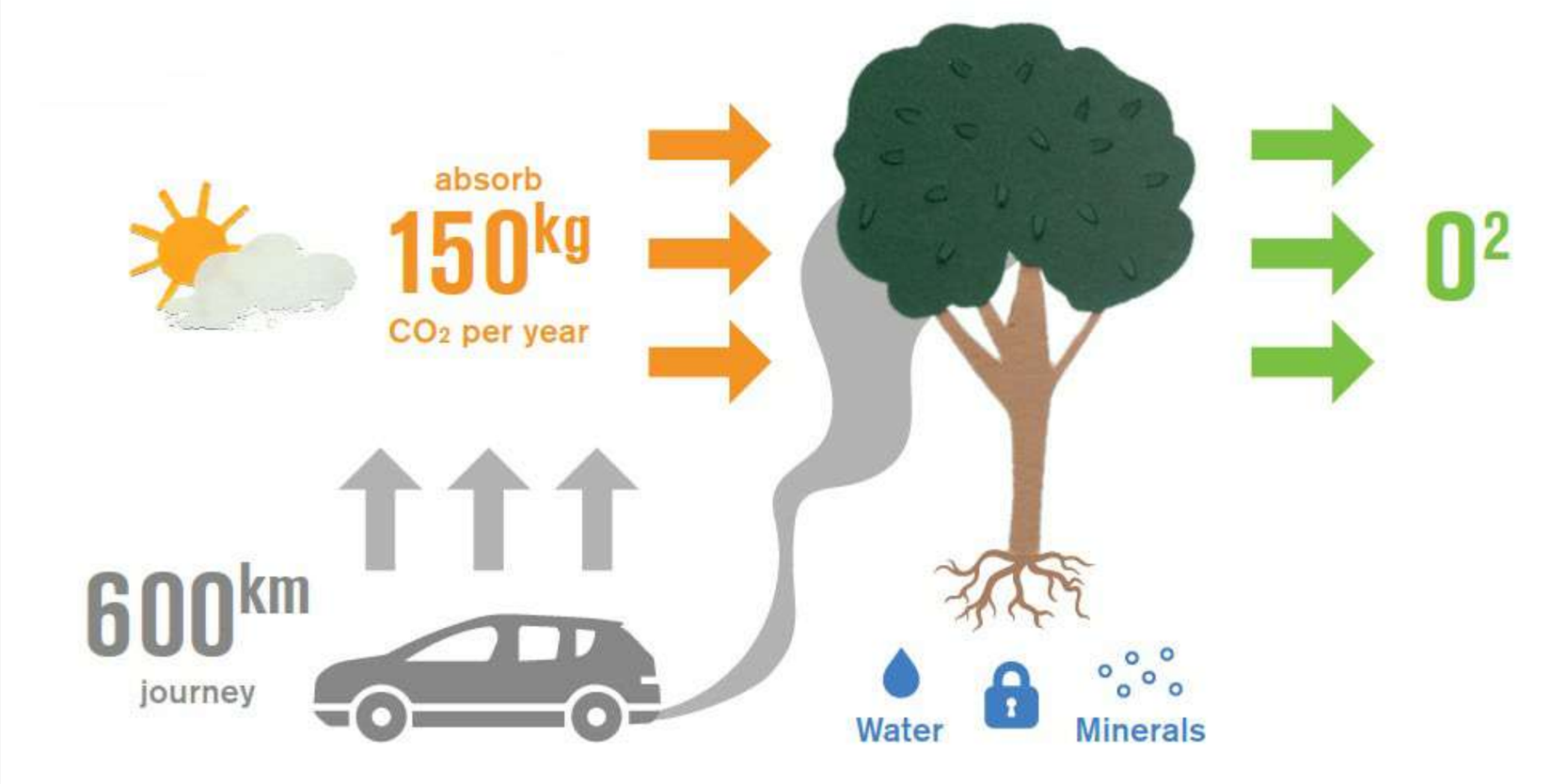
Resilient forest ecosystems

Sustainably managed forests play a crucial role in mitigating climate change.

PEFC
PEFC/01-00-01

SFM examples are based on the PEFC Sustainable Forest Management - Requirements, PEFC ST 1003:2018

Forests act as carbon sinks, absorbing roughly two billion tonnes of carbon dioxide (CO2) a year



PEFC
PEFC/01-00-01

PEFC-certified forests are estimated to absorb 315 million tonnes of CO2 every year

- equivalent to roughly 85% of the UK's emissions in 2018.

How Sustainable Forest Management Mitigates Forest-level Risks

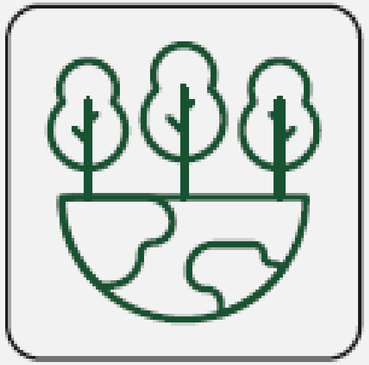
Sustainable forest management contributes to:

Clean water and air

SFM examples are based on the PEFC Sustainable Forest Management - Requirements, PEFC ST 1003:2018

How Sustainable Forest Management Mitigates Forest-level Risks

Sustainable forest management contributes to:



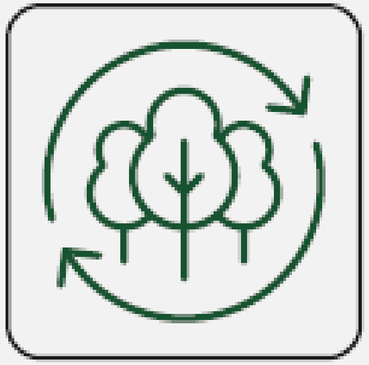
Protection and stabilization of soil

SFM examples are based on the PEFC Sustainable Forest Management - Requirements, PEFC ST 1003:2018

How Sustainable Forest Management Mitigates Forest-level Risks

Sustainable forest management contributes to:

Preventing deforestation



Afforestation and reforestation

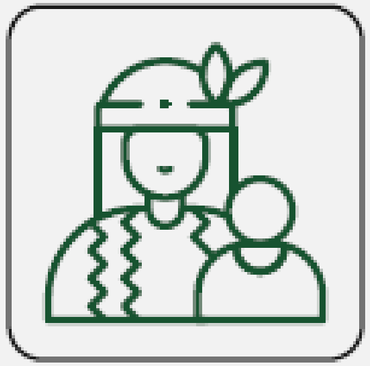
SFM includes measures to prevent deforestation, such as limiting forest conversions and ensuring that forests are maintained as forests.

PEFC
PEFC/01-00-01

SFM examples are based on the PEFC Sustainable Forest Management - Requirements, PEFC ST 1003:2018

How Sustainable Forest Management Mitigates Forest-level Risks

Sustainable forest management contributes to:



Protection of Indigenous People's rights

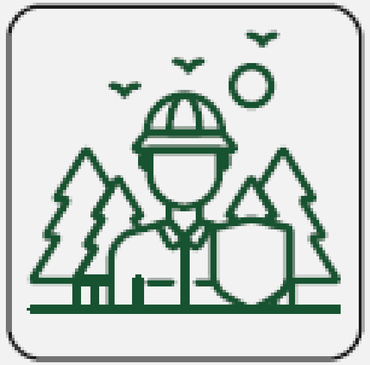
Around 25% of the global population – 1.6 billion people – rely on forests for their livelihoods, employment, and income.

40% of the extreme poor live in forest and savannah areas.

SFM examples are based on the PEFC Sustainable Forest Management - Requirements, PEFC ST 1003:2018

How Sustainable Forest Management Mitigates Forest-level Risks

Sustainable forest management contributes to:



Green jobs, Safe and fair working conditions

Forestry sector employs about 33 million people, which represents 1% of global employment.

PEFC
PEFC/01-00-01

SFM examples are based on the PEFC Sustainable Forest Management - Requirements, PEFC ST 1003:2018

Sustainable Forest Management is a forest-positive approach that provides long-term environmental, social, and economic benefits for:

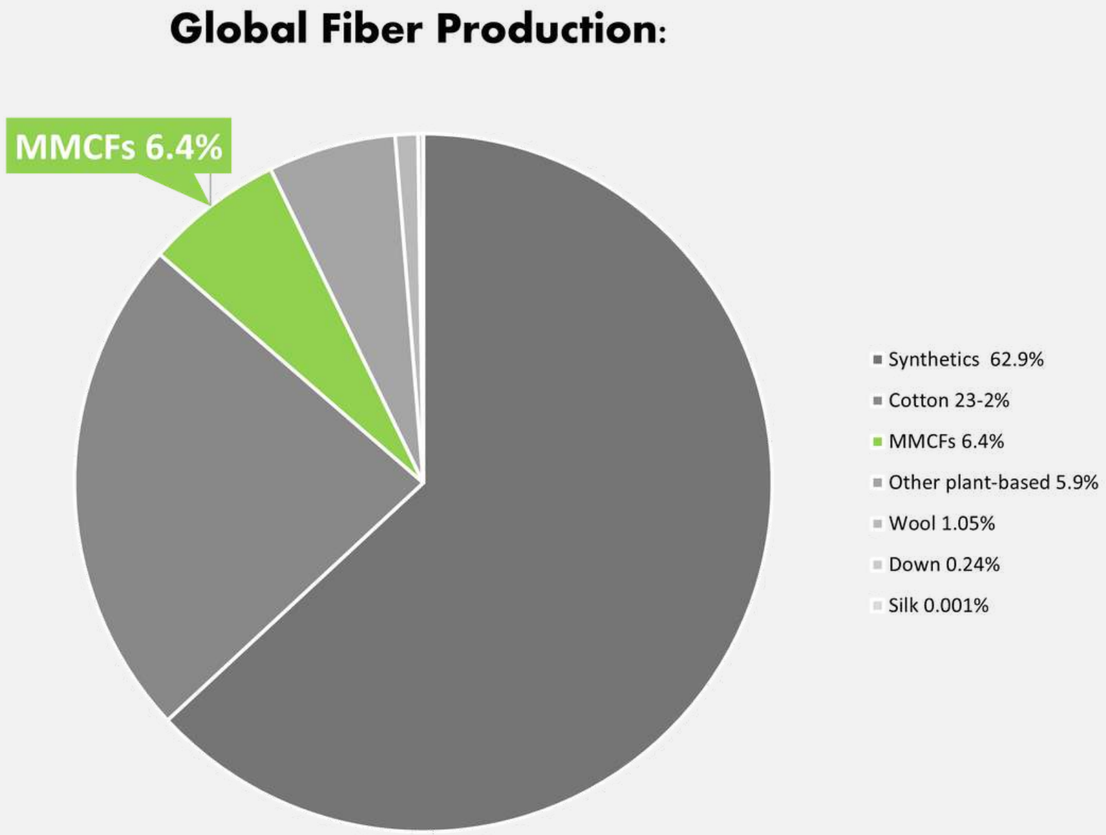
Climate change mitigation | Resilient forest ecosystems | Afforestation and reforestation | Biodiversity protection | Preventing deforestation

Protection and stabilization of soil | Clean water and air | Protection of threatened and endangered species | Green jobs, Safe and fair working conditions | Protection of Indigenous People's rights

To learn more download the whitepaper:

PEFC
PEFC/01-00-01

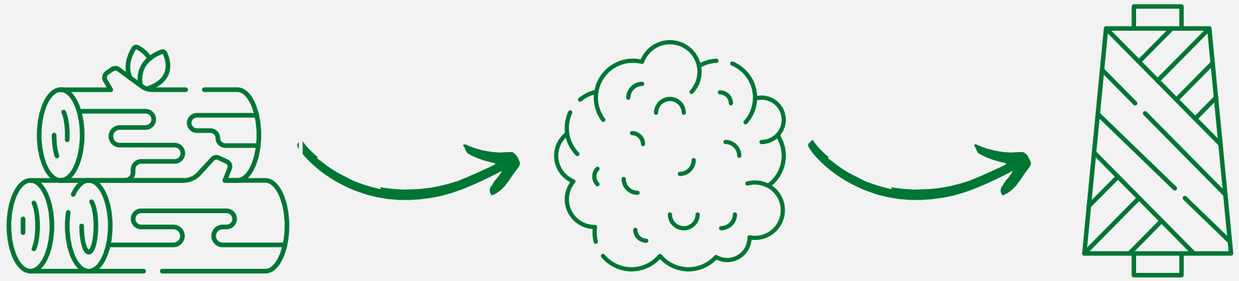
Deep Dive Into MMCF Feedstock Sourcing Landscape



Source: Textile Exchange, 2021

PEFC
PEFC/01-00-01

Deep Dive Into MMCF Feedstock Sourcing Landscape



WOOD

DISSOLVING WOOD PULP

MAN-MADE CELLULOSIC FIBER (MMCF):

VISCOSE
MODAL
LYOCELL
ACETATE

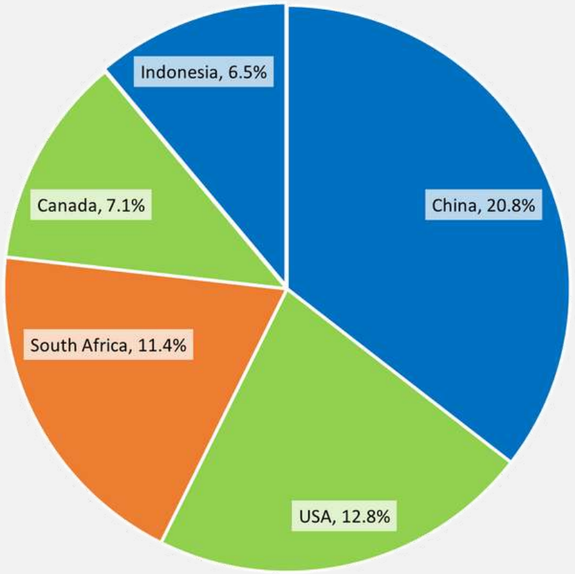
PEFC
PEFC/01-00-01

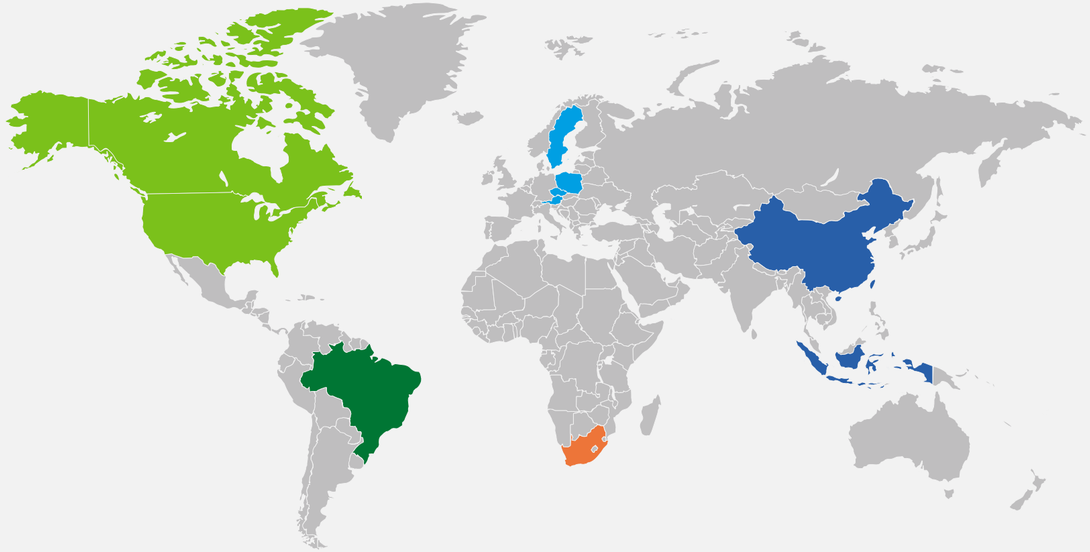
Deep Dive Into MMCF Feedstock Sourcing Landscape

PEFC
PEFC/01-00-01

Deep Dive Into MMCF Feedstock Sourcing Landscape

Nearly 60% of disslving wood pulp is produced in these 5 countries:

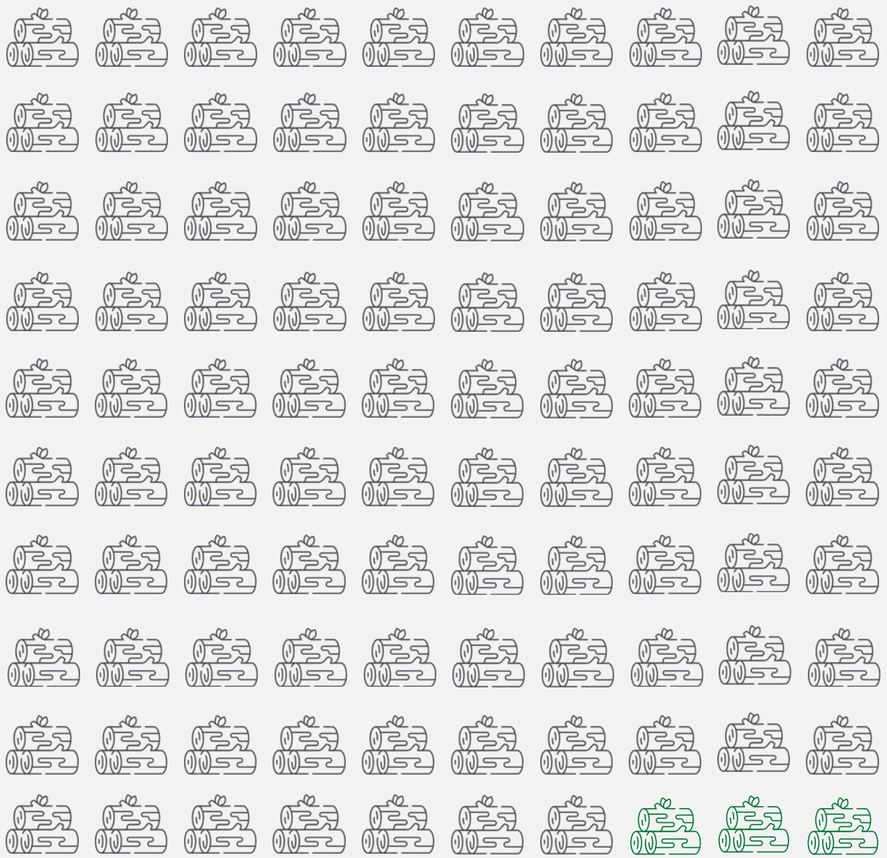


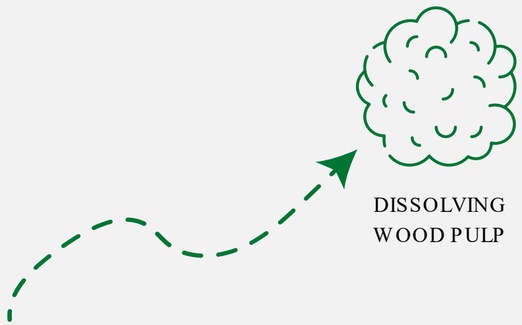


Source: FAO, 2020b

Deep Dive Into MMCF Feedstock Sourcing Landscape

GLOBAL ROUNDWOOD REMOVALS PER YEAR:





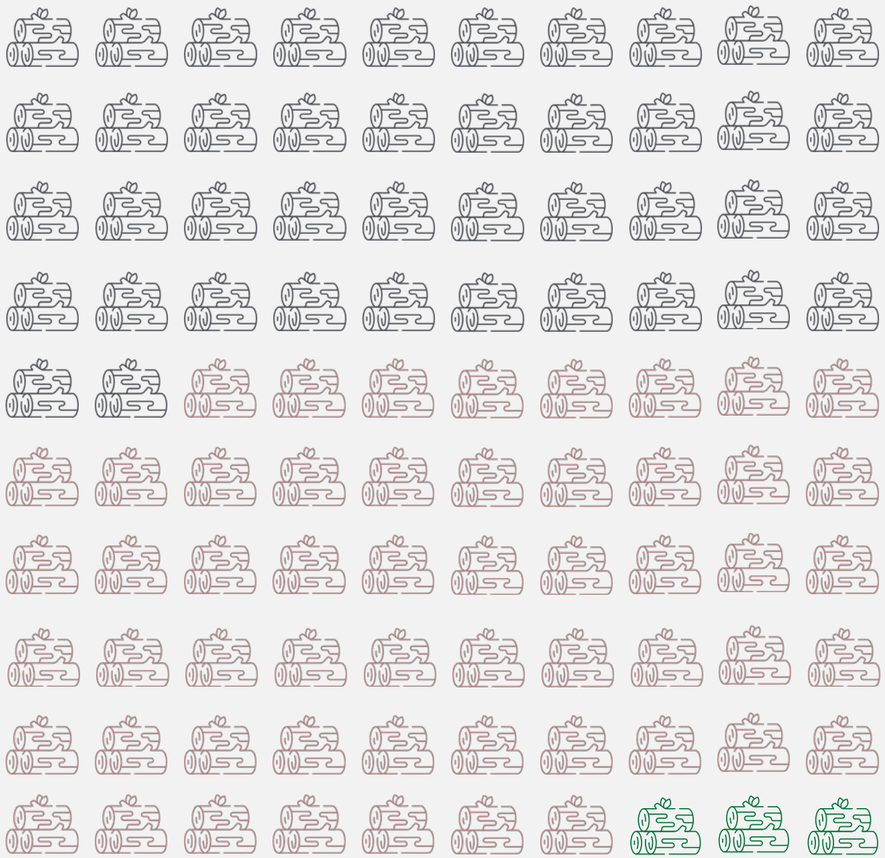
<3% of annual roundwood removals go into Dissolving Wood Pulp production

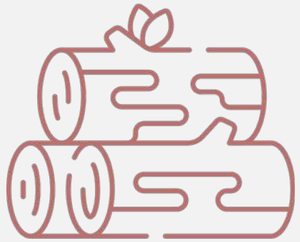
Source: FAO, 2019

PEFC
PEFC/01-00-01

Deep Dive Into MMCF Feedstock Sourcing Landscape

GLOBAL ROUNDWOOD REMOVALS PER YEAR:





about 44 – 55% of roundwood removals are estimated to go to construction

DISSOLVING WOOD PULP

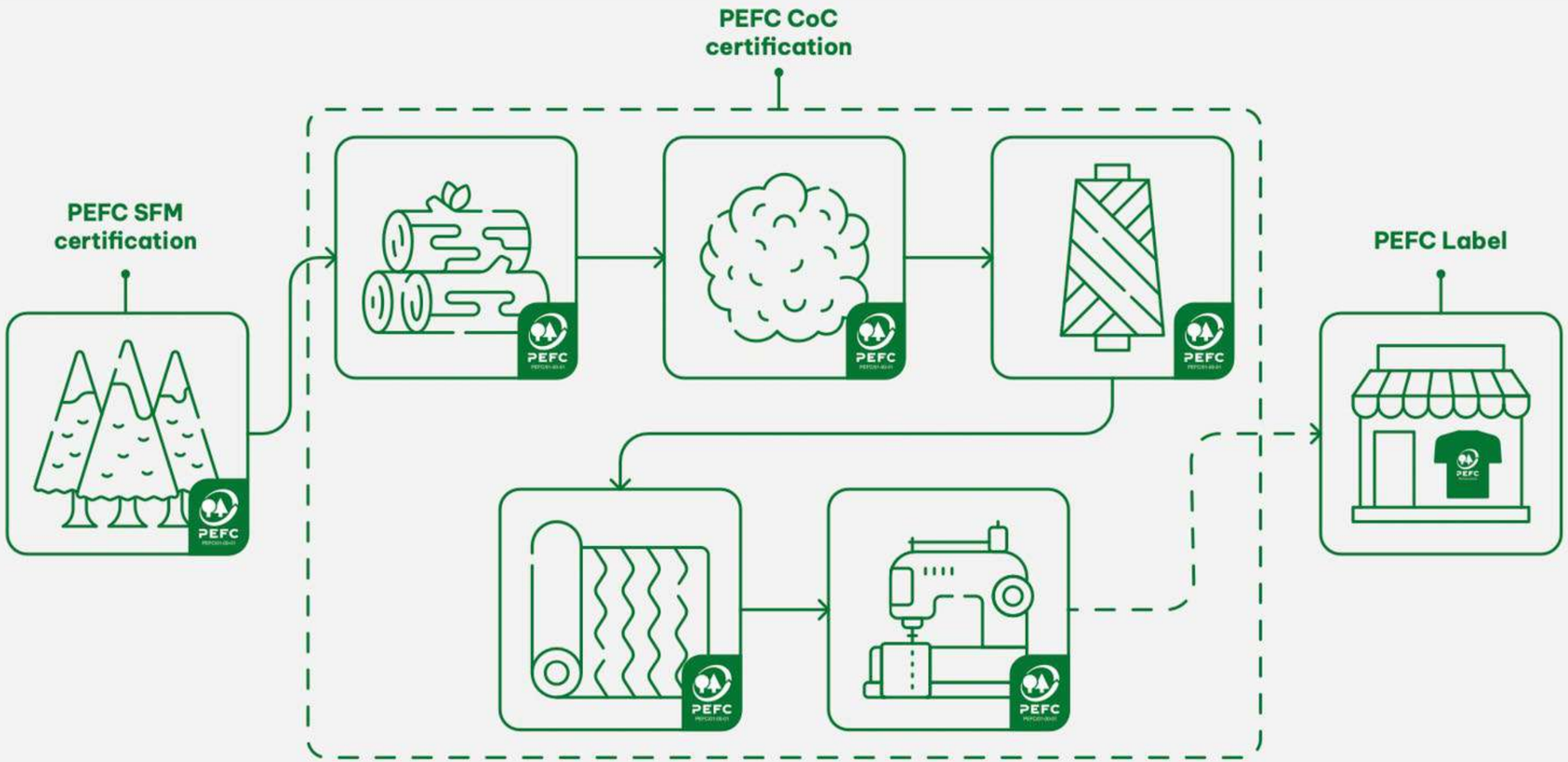
<3% of annual roundwood removals go into Dissolving Wood Pulp production

Source: FAO, 2019

PEFC
PEFC/01-00-01

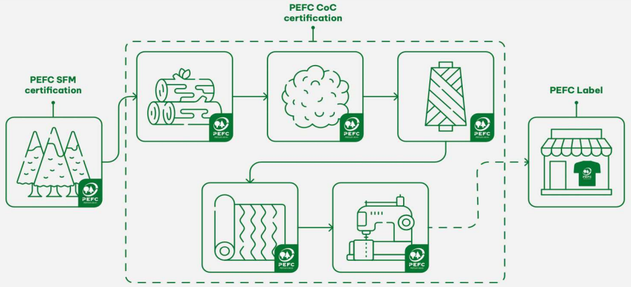
How to trace materials from sustainably managed forests in the MMCF value chain?

MMCF value chain:



PEFC/01-00-01

Chain of Custody certification helps with traceability of forest materials in the value chain



- Chain of custody certification is a mechanism **to trace and verify** the origin of feedstock at each step of the supply chain.
- It can help brands **identify and source** forest-derived products from sustainable forest sources.
- Brands can make **substantiated claims** that are verified by third-party auditors.
- It helps to measure progress and support **sustainability targets** and demonstrate compliance with commitments and legislation.

PEFC

PEFC/01-00-01

Examples of Fashion Brands and Retailers sourcing PEFC materials

zalando

Minimum Requirements	2023 Ambition
• Zalando expressly forbids the sale of vulnerable or endangered species, which appear on either the International Union for the Conservation of Nature (IUCN) or the Convention of International Trade in Endangered Species (CITES) checklists. • On request, Business Partners must provide key sourcing information including the species name (common and Latin) and country of origin. • Zalando encourages Business Partners to ensure all forest-derived materials come from certified (e.g. FSC, PEFC), recycled or otherwise sustainable sources.	• 100% certified, recycled or otherwise sustainably sourced materials (e.g. FSC, PEFC, RCS, GRS). • We encourage participation in supply chain projects related to regeneration of ecosystems, biodiversity and community engagement.

Improved material procurement

Items with this symbol must use materials or packaging that meet the requirements for one of these certifications or standards:

- Program for the Endorsement of Forest Certification (PEFC)
regenagri®
- Regenerative Organic Certified®
- Responsible Alpaca Standard (RAS)
- Responsible Down Standard (RDS)
- Responsible Mohair Standard (RMS)
- Responsible Wool Standard (RWS)

Sources:
https://corporate.zalando.com/sites/default/files/media-download/ZalandoSE_Sustainable_Sourcing_Policy.pdf
https://www.zalando.ch/about-sustainability/

Examples of Fashion Brands and Retailers sourcing PEFC materials

FARFETCH

OUR 2030 GOALS

POSITIVELY CONSCIOUS: To sell 100% 'Conscious' products.

Driving all revenues from products that are independently recognised or certified as being better for people, the planet or animals, and from services that enable positive change.

FOREST-FRIENDLY MATERIALS

To qualify as Conscious, a product must contain at **least 50%** of certified materials coming from one of the standards listed below:

- Forest Stewardship Council (FSC) certified materials
- Programme for the Endorsement of Forest Certification (PEFC) certified materials

Women Men Kids

FARFETCH

Gifts New in Brands Clothing Shoes Bags Accessories Jewellery Homeware Pre-owned Sale

THE DETAILS

Exclusive

There Was One

open-back short-sleeve T-shirt

There Was One gives a contemporary update to this classic short-sleeve T-shirt through its bold cut-out detail to the rear. In a timeless black design, the piece is made with certified viscose sourced from sustainably managed forests.

Highlights

- black
- round neck
- open back
- short sleeves
- rear button fastening
- Conscious: This item contains materials certified by the Forest Stewardship Council (FSC) or the Programme for the Endorsement of Forest Certification (PEFC), which ensure that the wood used comes from responsibly managed forests.

Composition

Lining: Polyester 100%

Outer: Viscose 100%

Washing instructions

Dry Clean Only

Wearing

The model is 1.76 m wearing size S

The model is also styled with: There Was One knitted pencil skirt, Jacquemus Le Sac Rond tote bag

Product IDs

FARFETCH ID: 18599150

Brand style ID: TWAA007C99JER001

Sources:
https://www.farfetch.com/ch/stories/conscious-criteria
https://www.aboutfarfetch.com/media/1609/farfetch_conscious_criteria_2022.pdf
https://aboutfarfetch.com/sustainability/our-2030-goals/#:~:text=POSITIVELY%20CONSCIOUS%3A%20To%20sell%20100,services%20that%20enable%20positive%20change.

Examples of Fashion Brands and Retailers sourcing PEFC materials

FENDI

RESPONSIBLE PRODUCT PLANET CARE PEOPLE FIRST

Viscose

Conscious of the environmental and social impacts of the viscose staple fibre and viscose yarn production, our Maison has built a specific responsible sourcing policy for it, although viscose represents only very small volumes in our products. With this policy, we try to encourage sourcing viscose from sustainably managed forests under the Forest Stewardship Council (FSC) certification or the Program for the Endorsement of Forest Certification (PEFC).

Our Results	Our Target
58%	70%
viscose certified fibers in 2022	viscose certified fibers by 2023

Sources:
https://www.fendi.com/sustainability/responsible-product/textile

How can PEFC help construction sector?
PEFC Project Certification for public or private buildings.

Project Certification enables a specific project to state that a specified percentage of the wood-based products are from certified sources.

It:

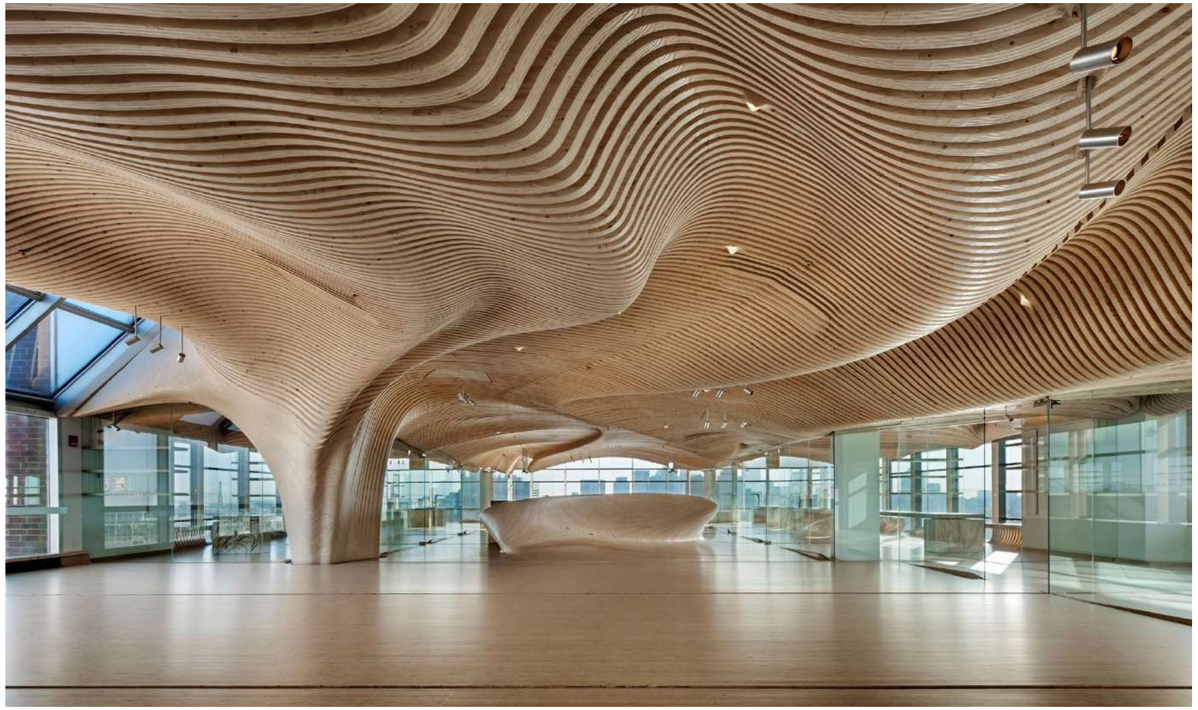
- ✓ Confirms the percentage of certified timber used on the project from a chosen certification scheme
- ✓ Assists in connecting broken Chains of Custody
- ✓ Due diligence system required for all ‘Other non-certified timber material’
- ✓ Partial certification can be used for specific components
- ✓ Allows use of PEFC trademark
- ✓ Issues a final certificate

PEFC
PEFC/01-00-01

How can PEFC help?
PEFC Project Certification for public or private buildings.

What are the benefits for you and your clients ?

- Supports the protection of forests
- Proof of traceability and DDS
- Independent third-party verification
- Legal compliance
- Promotion of the project
- New market access
- Demonstrate your sustainability credentials and actions



PEFC
PEFC/01-00-01

PEFC Project certification - some examples

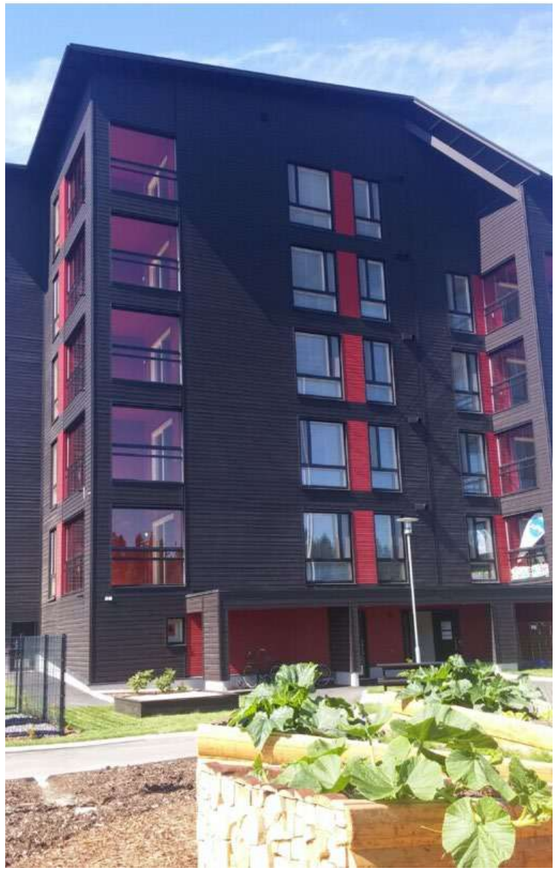
London 2012 Olympic stadium - dual Project Certification in the world – UK

Villa Grenaa: world's first PEFC-certified family house – Denmark

PEFC certified timber used for Amarta 2021, a Skyspace by James Turrell - Maldives

The Geelen Counterflow office in Haelen- Netherlands

Kingsgate House, London, UK



Apartment building Mäihä in Seinäjoki 2016 - Finland

PEFC certified timber product manufacturers - some examples

SONAE ARAUCO
Taking wood further

Metsä

stora enso

XLAM

MERCER
mass timber

binderholz
tiptop timber

MAYR MELNHOF HOLZ

EUGEN DECKER
Holzindustrie

PIVETEAUBOIS

egoin WOOD GROUP

LEDINEK

KLH

Weitzer Parkett

PEFC
PEFC/01-00-01

The Best Use of Certified Timber Prize

- supported by PEFC

Shortlisted projects

PEFC
PEFC/01-00-01

World Architecture Festival 2022
Lisbon
30 November - 2 December

Best Use of Certified Timber Prize 2022
Supported by PEFC

HAUT AMSTERDAM

ARCHITECT NAME
Team V Architecture

CATEGORY
Housing

COUNTRY
The Netherlands

Photo credits: Iannes Linders

PASEO MALLORCA 15

ARCHITECT NAME
OHLAB

CATEGORY
Housing

COUNTRY
Spain

Photo credits: José Hevia

THE ALICE HAWTHORN PUB

ARCHITECT NAME
De Matos Ryan

CATEGORY
Hotel & Leisure

COUNTRY
United Kingdom

Photo credits: Hufton & Crow

TIMBER BRIDGE IN GULOU WATERFRONT

ARCHITECT NAME
LUO Studio

CATEGORY
Transport

COUNTRY
China

Photo credits: Weiqi Jin

EDGE SUEDKREUZ BERLIN

ARCHITECT NAME
TCHOBAN VOSS Architekten

CATEGORY
Office

COUNTRY
Germany

Photo credits: Ilya Ivanov / TCHOBAN VOSS Architekten

SARA CULTURAL CENTRE

ARCHITECT NAME
White Arkitekter AB

CATEGORY
Culture

COUNTRY
Sweden

Photo credits: Jonas Westling

ERIC TWEEDALE STADIUM

ARCHITECT NAME
dwp | design worldwide partnership

CATEGORY
Sports

COUNTRY
Australia

Photo credits: Brett Boardmann

VÄXJÖ TRAIN STATION & TOWN HALL

ARCHITECT NAME
Sweco AB

CATEGORY
Transport

COUNTRY
Sweden

Photo credits: Felix Gerlach

Myth & Truth - the truth about timber construction

PEFC International @PEFC · Oct 17

#DYK that building with timber does not need to be expensive? If designed with optimization of the prefabrication possibilities and the low weight of mass timber in mind, a #timber building can cost the same as a concrete building. #DesigningTheFutureWithSustainableTimber

PEFC International
11,591 followers
1mo •

Did you know that every cubic metre of wood binds a ton of CO2?

Responsibly sourced wood is the only truly renewable construction material we know. When wood grows, it absorbs and binds CO2 and releases oxygen into the air. The CO2 stays in the wood, even after the tree has been harvested and used, for example to build a home.

When sourcing the timber for your building, make sure it comes from a PEFC-certified, sustainably managed forest, that absorbs and stores the optimum amount of CO2.

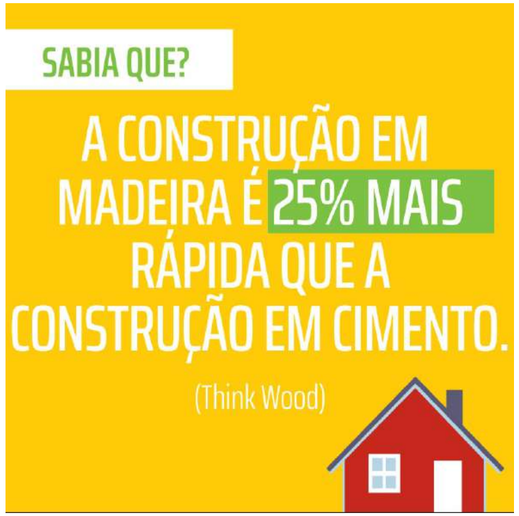
Learn more treee.es/buildsustainably

#DesigningTheFutureWithSustainableTimber #PEFCcircularconstruction #construction #sustainability #sustainableconstruction #carbon #wood #timberconstruction #architecture

Fabienne Sinclair and 106 others 7 reposts

PEFC International @PEFC · Oct 10

Forests in the EU produce 800 million m3 of wood a year. Only 500 million m3 are harvested, so there is room to use much more wood, for example for construction. The current European forests can increase production capacity by 40-50%. #DesigningTheFutureWithSustainableTimber



PEFC
PEFC/01-00-01

PEFC label – Your Assurance of Responsible Sourcing

PEFC
PEFC/01-00-01

Steps to ensure your forest-derived raw materials come from sustainably managed forests

PEFC/01-00-01

Steps to ensure your forest-derived materials come from sustainably managed forests

01

Incorporate responsible forest sourcing certification requirements into your policy

02

Request PEFC-certified materials from your suppliers

03

Encourage suppliers to obtain PEFC chain of custody certification

04

Clearly communicate your sustainability targets and timeline

05

Distribute the guide on how to obtain a certification with your supplier network

06

Use the API for seamless certification updates and to connect your company's database with the PEFC certificate database

PEFC

PEFC/01-00-01

Q&A

PEFC

PEFC/01-00-01

download the
whitepaper