



Challenges and opportunities for bio-circular businesses

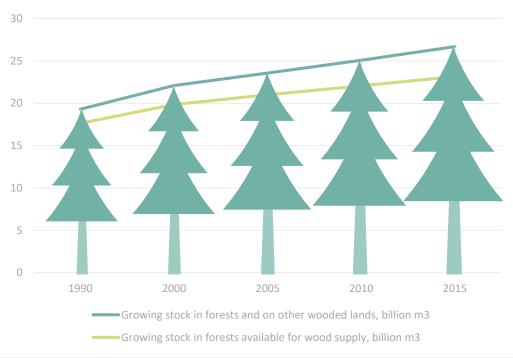


2019 CIRCULAR ECONOMY STAKEHOLDER
CONFERENCE

WORKSHOP - Bio-circular villages: a recipe for rural prosperity

European forests are increasing...

Development of EU forest stock







Comprehensive instruments and regulations in place to safeguard the SFM principles

At ground level, i.e.

- Forest management plans or equivalents (77%)
 - Forest certification, e.g.
 PEFC or FSC (55-65%)

At regional and national level, i.e.

- Forest laws and other complementary regulations as nature or forest protection regulations, public procurement regulations, or land use and related planning acts
- National Forest Inventories

At EU level, i.e.

- EU Forest Strategy
- EU Timber Regulation
- LULUCF Regulation
- CAP and Rural Development
- Birds and Habitats
 Directive, incl Natura 2000
- Biodiversity Strategy
- Water Framework Directive
- Renewable Energy Directive
- ILUC Directive
- Regulation on Invasive Alien Species
- Directive on Marketing of Forest Reproductive Material

Pan-European level

 Forest Europe SFM definition, Criteria & Indicators for SFM, principle guidelines, SoEF, LBA

Global

- Convention on Biological Diversity (CBD), Nagoya Protocol
- Convention on International Trade in Endangered Species (CITES)



The Forest Carbon Cycle Carbon remains stored when wood fibers are recycled Carbon-neutral bioenergy is produced from mill and forest residues Wood products store carbon Reforestation and Fossil emissions sustainable forest management practices are a one-way process, adding ensure the carbon new carbon to the cycle continues atmosphere Growing forest absorb

carbon and release oxygen

THE TRIPLE BENEFIT

- **SEQUESTER CO2 in** growing forests
- STORE carbon in products
- SUBSTITUTE fossil fuels and energyintensive materials





Old forests release their stored carbon slowly as they decay or rapidly through wildfire





Thank you!



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EU Forest Policy: a complex scattered puzzle

