Circular products enabled by the multi-talent material Wood

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Wood-based Panels Industry: Climate positive products for the everyday
The virtuous triangle of wood-based success
A naturally sustainable product

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SUSTAINABILITY
Wood is a natural carbon store

-447 Mt CO$_2$e/yr

Forest sink & carbon storage in products remove CO$_2$

-410 Mt CO$_2$e/yr

Material substitution prevents CO$_2$ emissions

+51 Mt CO$_2$e/yr

Fossil emissions

• 3S Framework
• Sequestration, Storage, Substitution
• Positive climate contribution today of -806 Mt CO$_2$e/yr
• = 20% of EU fossil emissions with the potential for a lot more!
Cascade use is ultimate resource efficiency

• One industry’s waste is another industry’s raw material
• 43% of particleboard is now from recovered wood
• 33% of particleboard comes from industrial by-products
• => Only 24% of particleboard biomass is from roundwood

Cascade use of wood = Significant for the circular economy
A highly innovative product – yesterday, today and tomorrow
The industry is founded on innovation, turning «waste» into product.

Wood-based panels and laminate flooring made high-quality living spaces affordable for broader public all over the world.

Prefabricated components and structures to save costs & time.

Innovative production processes to save labour (health, time, cost) and the environment (energy, material, resources).
Elaboration and realisation of desirable future states of a city and its sub-areas that meet human needs.

- **Lightness of wood-based construction systems** offers unique benefits in dense cities.
- **Prefabricated, wood-based materials** that meet the latest standards of health and safety are more essential than ever.

**People long for social exchange, health & safety.**

**A call for innovative solutions.**

CREATIVITY

**Urban Planning is a driver for creativity**
A high affordable product –
the luxury of wood in the everyday

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More and more people are moving into cities, wanting more and more space and comfort.

Mixing living, working and leisure is becoming increasingly important in the urban environment.

World leading technology brings material, design and quality into the accessible reach of Europe’s citizens.

Urban housing must become more liveable and affordable.
AFFORDABILITY

Decentralised medium-sized players

**Trust** in local medium-sized companies is greater than in large global corporations

- Medium-sized players stand for years of **close partnership**
- **Trustworthy** partners for NEB and end customers
- Driver of **employment opportunities**, many with family owned companies, and especially **in rural areas**
Who we are
European Panel Federation

- Members in 32 European countries
- Wood-based panels: Particleboard, MDF, OSB, Hard- and Softboard, Plywood
- 100,000 jobs
- 5,000 companies
- €22 billion turnover
Three calls from EPF in the Green Deal and New European Bauhaus

- Use **sustainable nature-based products and solutions** to meet the goals of a Circular Economy.
- Stimulate the **cascading use** of Harvested Wood Products, to benefit the resource efficiency of our forests.
- Promote harmonisation and well-being in homes by enabling citizens to choose **climate friendly raw materials**.