



EUROPEAN PANEL FEDERATION
WOOD - BASED PANELS



Circular products enabled by the multi-talent material Wood

Mr Martin Brettenthaler
CEO SWISS KRONO Group
EPF Managing Board

Wood-based Panels Industry:

Climate positive products for the everyday



The virtuous triangle of wood-based success



A naturally sustainable product



Wood is a natural carbon store



-447 Mt CO₂e/yr

Forest sink & carbon storage in products
remove CO₂

-410 Mt CO₂e/yr

Material substitution
prevents
CO₂ emissions

+51 Mt CO₂e/yr

Fossil emissions

- 3S Framework
- Sequestration, Storage, Substitution
- **Positive climate contribution today of -806 Mt CO₂e/yr**
- **= 20% of EU fossil emissions with the potential for a lot more!**





SUSTAINABILITY

Cascade use is ultimate resource efficiency



Cascade use of wood =
Significant for the
circular economy

- 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**



A highly innovative product – yesterday, today and tomorrow



CREATIVITY

Innovation and digitisation in product and process



Innovations are the drivers
for sustainable co-creative
transformation

- **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)



CREATIVITY

Urban Planning is a driver for creativity



People long for social exchange, health & safety.
A call for innovative solutions.

- 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



A high affordable product – the luxury of wood in the everyday



AFFORDABILITY

Modern and affordable urban development



Urban housing must become **more liveable** and **affordable**

- 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



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**



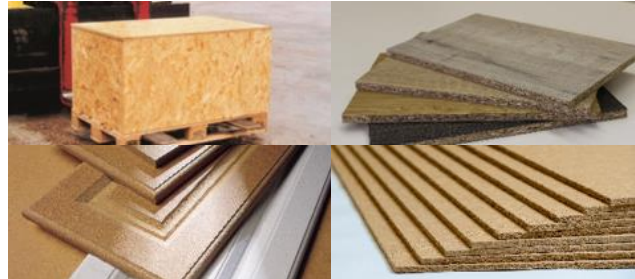
Who we are



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**

