

INTRUST

Towards a Green and Digital Wood-
Furniture Sector



Co-funded by the
Erasmus+ Programme
of the European Union



INTRUST
TRAINING SOLUTIONS FOR
WOOD CERTIFICATION

CONTEXT



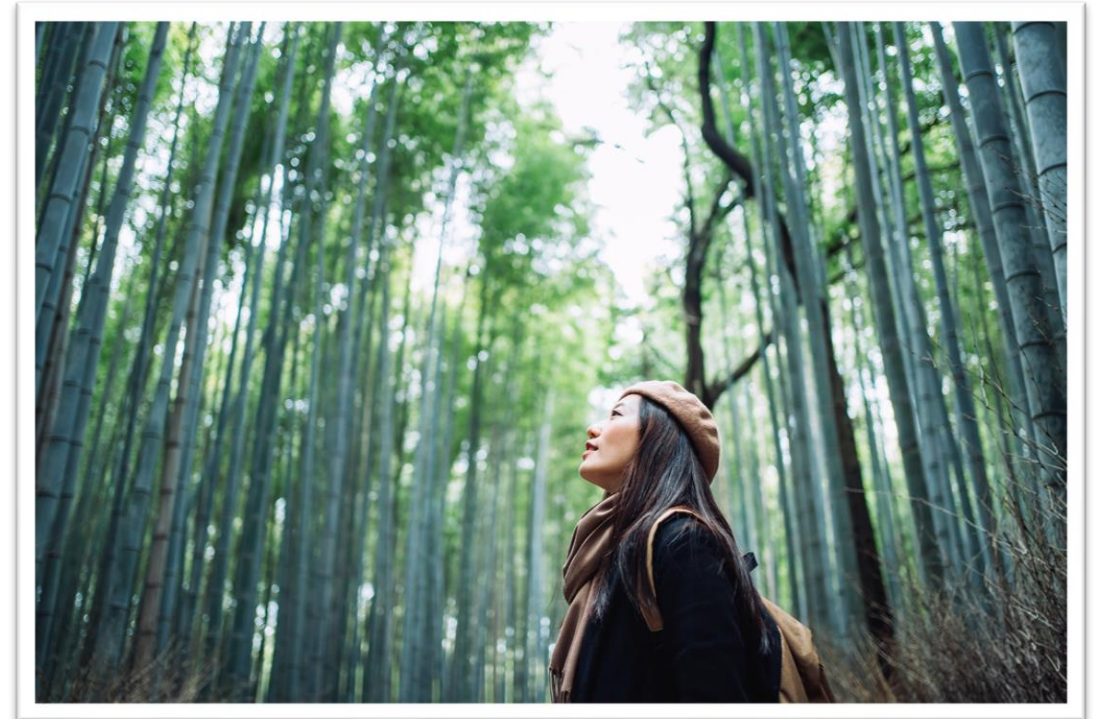
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WOOD CONSUMPTION IN EUROPE

Over the recent years, public opinion awareness on the issues of **sustainable forest management** in light of climate change has increased.

Forests are indeed an important factor in mitigating climate change. They provide a **wide range of ecosystem services**, such as carbon sequestration, protection of soil from erosion and, beyond creating economic value, offer opportunities for recreation.

Currently however, **30% of the wood used in the EU comes from countries where illegal logging and partial deforestation is usual**. In this context, certified forests, wood and products, combined with eco-design and framed within a **circular economy** can be considered as the most appropriate approach to deal with this issue.



MANAGING THE SUSTAINABILITY OF FOREST BASED PRODUCTS...

Moreover, in today's market, **environmentally-friendly products have a clear competitive advantage** due to the rapid increase of consumers concerned about the environmental impact of their activities and goods they purchase. This in turn, results in a market trend to buy certified products instead of non-certified products.

In this context, **different certifications have been created to manage forest-based products**, like the Forest Stewardship Council (**FSC**) and EU Timber Regulation (**EUTR**).

Such schemes are normally integrated into environmental management systems, based on standards like **ISO 14001** or **EMAS**, that, along with other tools and schemes **like life cycle assessment** and Ecolabels, help companies in the processes and procedures related to the use of certified wood in construction or furniture manufacturing.



...WITHIN THE TWIN TRANSITION

The **rise of Industry 4.0** (I4.0) leads to the discussion of how forestry and the wood sector in general can benefit from this development.

The economic potential of Industry 4.0 in forestry could lead to an increased 15% value. Smart wood supply chains are slowly reshaping the industry with several new applications in use or in research and development.

This revolution can lead to significant changes and new value creation. The combined green and digital transition thus offer a promising avenue for manufacturing enterprises of the sector.





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OBJECTIVES

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INTRUST project targets professionals from the wood value chain (forest operators, managers and employees from furniture-related companies) to **increase their professional skills and competences in relation to the twin transition of the sector.**

On one hand, the project aims to **support the sector in recognizing, choosing and implementing the right sustainable certifications.**

On the other hand, Intrust aims to support the sector in developing a **relevant body of knowledge associated with the digital transition.**



OUTCOMES



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EXPECTED RESULTS



STATE OF THE ARTS REPORT

on the situation of forest, wood and furniture certifications and I4.0 solutions



COLLABORATIVE PLATFORM

to access relevant knowledge on the twin transition in the forest-wood-furniture value chain



COACHING TOOL

to assess your twin transition readiness and get started on your certification process



ELEARNING COURSE

to increase your expertise through a set of eLearning modules on sustainable certifications and industry 4.0



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CONSORTIUM

A EUROPEAN PARTNERSHIP





For more information:

www.intrust-project.eu