



Wood construction trends in Europe
Some remarks and observations

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Wood construction trends in Europe

The presentation is based on the interviews of wood industry experts and decision-makers in Central Europe.

The aim of the presentation is to describe the underlying trends and attraction factors of the growth of wood construction.

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The role of editor and commentator.

Political guiding of construction

Environment issues
Regulatory barriers
Education
Example buildings

Construction is part of
climate policy
One third of the
greenhouse gas
emissions

Green Public
Procurement aims to
reduce the
environmental impact of
public investments.

In France, mayor-led
guiding. As a drivers
environmental factors,
locality and employment.

In Austria, the Green
Finance Model for
Construction.

In Canada Wood First Act
guides and recommends.

Building ecology is a big theme



The low carbon effect of wood has little effect without legal or fiscal control.

The environmentally friendly construction of wood is a "nice addition" if the wood otherwise compete in the races.

Should the wood's environmental friendliness be willing to pay for the additional price?

A polluting car when paying more than less polluting.

Building on legal and fiscal control should favor eco-friendly solutions.

In Central Europe solid wood-based timber construction has strong market growth.



The public sector invests in: schools, kindergartens, sports halls, town halls

The private sector is growing. Building companies acquire wood expertise.

In Central Europe and Sweden, wood industry invested in new production

Central Europe has a lot of processing industry



Central European wood processing companies are doing much further processing.

Companies have a lot of know-how: their own design, manufacture, installation.

In Finland, wood companies are primarily active in manufacturing materials.

Finland produces the world's best wood
It is competitive elsewhere but not in Finland?

Findings about Future Trends



The development of materials technology and robotics will change the ways of building in the future.

New companies will be created to build the whole value chain from design to construction site. England in the 80s, Scotland in the 90s and Sweden in the 21st century.

Growth in wood construction requires good stories and interesting items. It leads to the emergence of new businesses and industries.

We will also use wood in the future in a variety of materials.

Development is now also taking place in Finland. A number of new businesses have emerged in the manufacture of wooden building materials and wood-based building blocks.

What do we need in the future?



Knowing what value added wood can bring to construction.

Understanding and meeting customer needs. Quality, good price

Development of construction systems. The Internet of Things

R & D and training to serve the needs of construction practice

Knowledge and know-how must be secured. Apprenticeship Model

Competitiveness: Industrial Manufacturing, Speed, Lightness, Quality



Michael Green: Future development targets include prefabrication of industrial wood construction, standardization of construction and high wood construction.



Julius Natterer: Wood construction solutions have passed the traditional construction. SMEs and solid wood have a great future



Andreas Meinhold:
Several wooden schools in Vienna
with their own strengths



Veronique Klimine:
France is building wooden schools with political guidance



Harald Heuser:
Speed, price and quality brought wood schools to Frankfurt



Solid-weight modules to the German refugee centers



Europe's largest wooden house in Hamburg



Sweden is campaigning for wood construction with ecology, health effects and indoor air quality





In Austria, schools want to build comfortable learning environments and good indoor air





Industrial element production
draws timber construction





Philip Zumbrunnen, Eurban:
Attitudes in the construction sector are
changing, the market is growing





Paul Jarquin:
France brings wood to urban construction





Simon Speigner: Cost-effectiveness and quality are generated by good design





Stefan Zöllig: New technology to
grow in wood construction





Good practices in wood construction
www.puuinfo.fi
