









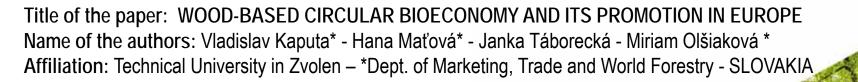


XVIII International WoodEMA 2025 Scientific Conference

WOOD FOR THE FUTURE: INTEGRATING SUSTAINABILITY ACROSS INDUSTRIES

Ohrid, North Macedonia

September 17th-19th 2025













Focus

• on promoting the use of wooden buildings/constructions in selected EU countries















RATIONALE - Why this topic?

• The reasons are social, economic, environmental, psychological, aesthetic...



THE PAN-EUROPEAN WOOD-BASED SECTOR

527 bn euros

direct gross value added

1,114 bn euros

total gross value added (direct, indirect, and induced)

3.3%

direct share of total economic output

7.1%

total share of overall economic output

1 in 16 euros

is generated directly or indirectly by the forestry and wood industry

7.9 million

17.5 million

direct jobs

total jobs

1 in 16 jobs

is generated directly or indirectly by the forestry and wood industry

Source: Economove, Economica (2023) The economic impact of the forestry and wood industry in Europe in terms of bioeconomy, Vienna

1 Tonne CO,







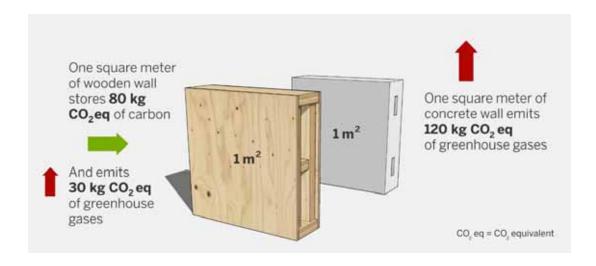


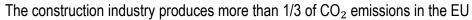


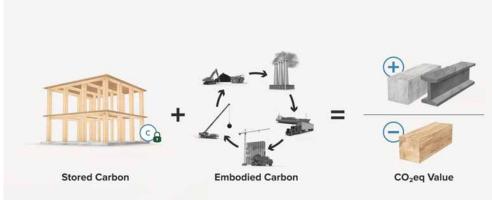
RATIONALE

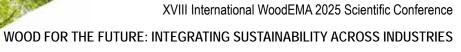
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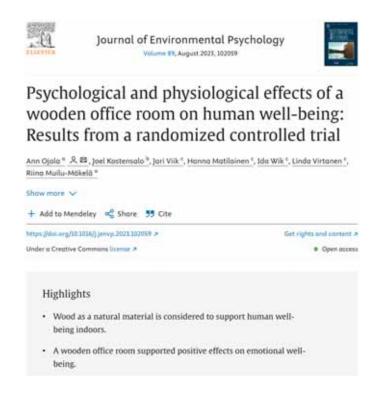






RATIONALE

• The reasons are social, economic, environmental, psychological, aesthetic...













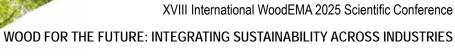




SUPPORTIVE POLICIES to promote the use of wood in construction (EU context)

- Ongoing efforts to *decarbonise* the construction sector, develop a circular economy and strengthen the regional bio-economy
- Policies and instruments aimed at promoting the use of wood as a sustainable building material















SUPPORTIVE POLICIES to promote the use of wood in construction (EU context)

- Analyses: Austria, Germany, Slovenia, the Czech Republic, Spain, Finland and Sweden
- Public policy approaches that support the increased use of wood in public and private construction projects
- Initiatives: legislative measures, public-private partnerships, public procurement programmes, supportive financing, training and technological innovations (CLT or hybrid wood systems)













Austria

European leader – the 33% share of timber construction in social housing

• Result of a combination of supportive legislation, public procurement favouring timber construction, education system and technological innovations (CLT development)

CO₂ Bonus launched in 2021 – a specialized subsidy mechanism (Waldfords – Leuchtturmprojekte)

- Subsidies linked to the amount of wood used in construction residential buildings and public buildings (schools, community centres, and administrative buildings)
- In its basic form, €1 for every kilogram of wood used
- When using insulation materials from renewable raw materials, the increase is to €1.10/kg
- Max. €200,000 for businesses and €500,000 for public or non-profit entities (municipalities, schools); max. 50% of eligible construction costs in total; no fossil fuels for heating
- Interesting: STYRIAN WOOD CHARTA 2005 Aimed at rising the share of social housing to 20%, but achieved 33%











Czech Republic

National Wood Policy (adopted in June 2024) - aims to increase: i) domestic wood processing ii) added value in the wood processing industry. Goals:

- Increase the share of wooden buildings in individual housing from the current 15% to 25%
- Achieve a 20 % share of wood in public procurement for buildings administered by the Ministry of Agriculture

Platform for Sustainable Timber Buildings – the initiative brings together key players from the fields of development, architecture, and construction with the aim of promoting the construction of multi-story wooden buildings

Czech Platform

• The intention is also to amend fire safety standards so that wooden buildings can reach a height of up to 22.5 meters without the need for special permits











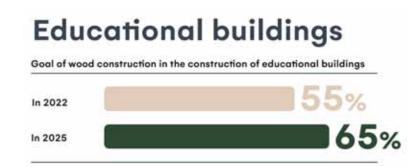
Finland

Wood Building Programme, under the Ministry of the Environment (2016–2023), focused on:

- Increasing the use of wood in construction, particularly in urban development, public buildings, and large structures such as bridges and halls
- Strengthening regional skills and promoting exports, and to support Finnish Bioeconomy Strategy
- The Aid Scheme for Growth and Development from Wood max. EUR 5 million to be granted e.g.
- Wood in public construction is one of the focus areas

National targets for use of wood in public construction

All construction	Total volume of construction, 1000 m ³	Buildings with timber frames, 1000 m³	Market share of wood, %
2019	6 907	1 039	15%
2022	5 661	1 760	31%
2025	5 221	2 296	45%













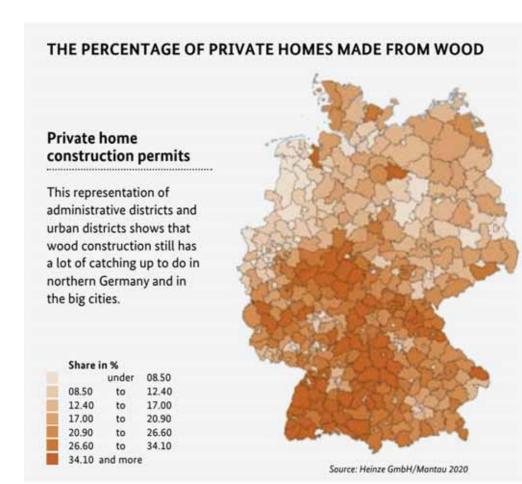
Germany

Klimaschutzgesetz – the Climate protection law (2019) - amendment in 2021

 Sets a specific limit on the amount of CO₂ that a given sector can produce per year

Charter for Wood 2.0

 Established to increase contributions of sustainable forestry and wood use to *climate change* mitigation, value creation, and resource efficiency













Germany

- Several German states and cities have introduced specific subsidy schemes to promote timber construction
- the subsidy presents an amount in €/kg of renewable carbon-storing building material used in the building

Overview of subsidies to promote the use of structural timber in German regions

Region/city	Subsidy (€/kg)	Note	
Bavaria (BayFHolz)	cca 0.50	Calculation based on €500 per tonne of carbon sequestered in structural timber.	
Berlin	0.30 - 0.80	The official municipal subsidy programme "Berlin baut mit Holz", aimed at promoting wood construction.	
Munich	2.00	Part of a large urban project - Prinz-Eugen-Park - the largest wooden housing estate in Germany.	
Freiburg	1.00 – 1.20	The amount of the subsidy depends on the distance of origin of the material (up to 400 km = the highest subsidy).	
Hamburg	0.80	The subsidy applies to non-residential buildings; the material must be from sustainable sources.	

Sources: Bayerisches Staatsministerium, 2021; Berlin.de, 2019; Optoppen, 2024)











Slovenia

- Slovenia emphasizes education and the development of professional skills as a tool for promoting timber construction
- Green Public Procurement (GPP) is widely used = when purchasing goods, services and construction works, preference is given to solutions with a lower environmental impact throughout their entire life cycle (gov.si, 2022)
- GPP is mandatory in Slovenia for procurement in more than 20 categories of public contracts (including "Design and/or construction of buildings")
- It defines: In publicly financed buildings the share of wood or wood products in buildings amounts to at least 30% of the volume of installed materials
 - If not possible: the share of wood may be one third smaller, if at least 10% of construction products that have a type I or III environmental label are installed in the building.

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COUNTRY	INITIATIVE / POLICY	TOOLS AND MEASURES
Slovenia	Green Public Procurement (GPP) + education	Mandatory GPP in 20+ categoriesMaterial certification, training
Spain	Mass Madera (financed by Built by Nature, coordinated by Catalan Institute of Advanced Architecture) + Galician legislation (use at least 20% wood in public buildings)	 No direct financial subsidies, but long-term influence on the regulatory environment and the speed of adoption of wood Network of stakeholders, the advocacy of policies, solutions in sustainable architecture
Sweden	Strategic plan for timber construction	 SEK 2 billion from government, Stockholm Wood City – financed by private sector











CONCLUSIONS

- The most common are national or regional policies specifically aimed at promoting timber construction, whether in the form of a legislative framework (Spain/Galicia), technological support (Austria).
- The most effective and transparent tools introduction of financial support directly linked to the volume of environmentally friendly materials used in construction (Austrian and German models).
- The common denominator is the integration of environmental and economic policy objectives, as well as the linking of innovation with industry and academia.

