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LIFE BE-WoodEN Project Results

Building and Education in Wood Ecosystem for the New European Bauhaus

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Project Leader



DAD DIPARTIMENTO
ARCHITETTURA E DESIGN

Partner



Project number 101148077

Building a Partnership: skills and roles

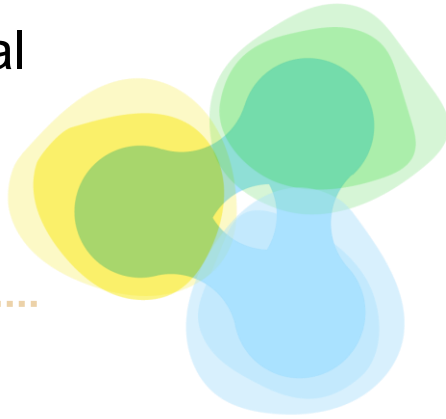
/ experts in environmental
and territorial policies

/ experts in Social
Housing

/ experts in sustainable architecture, NEB principles
and training

/ experts in Wood Science and Bio-
based materials and training

/ experts in Forestry
and Environmental
Sciences and training



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/ universities and research centre

/ regional territorial authority

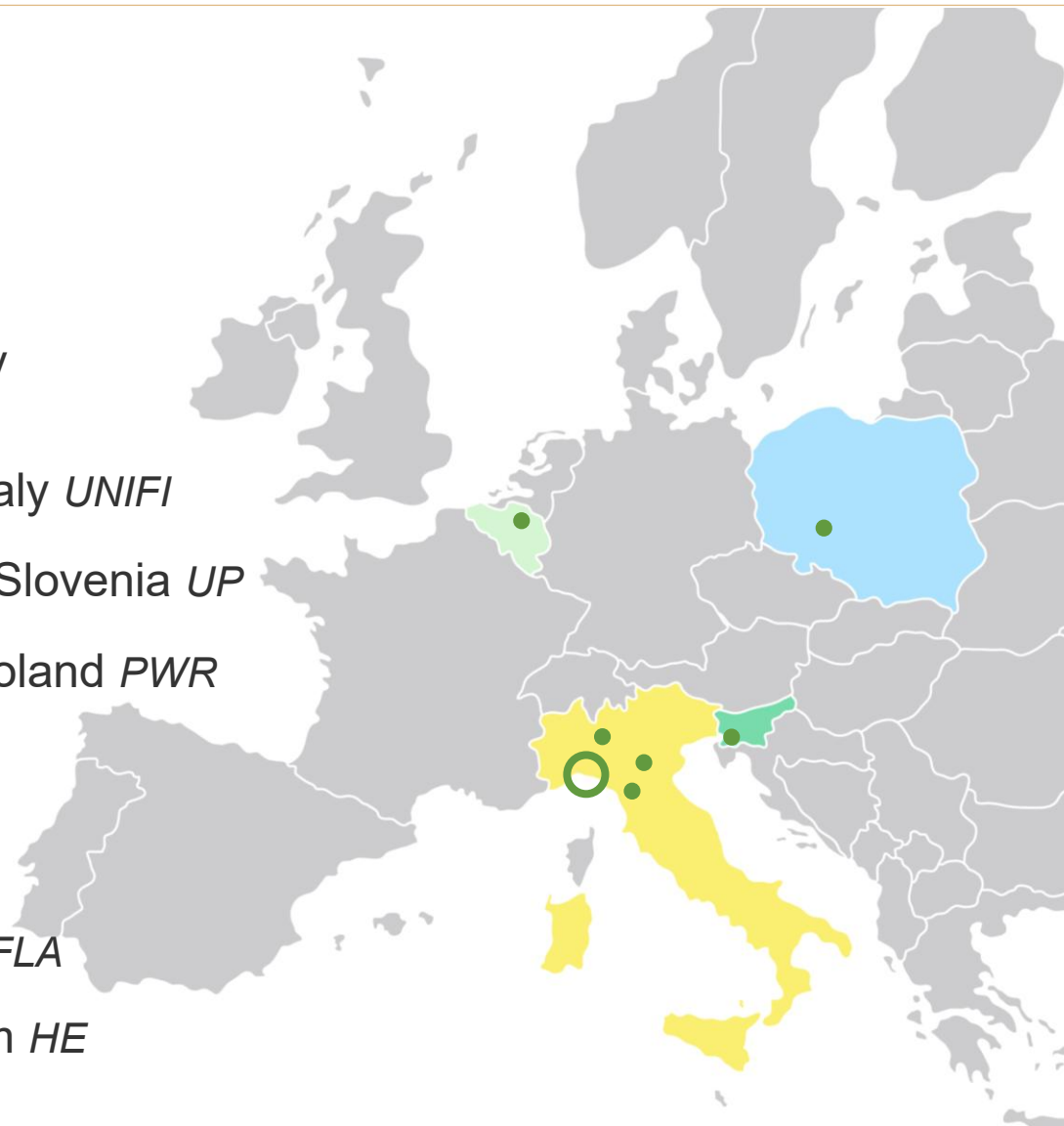
regional research project developer

/ Italian federation of wood industry
sector

/ European federation of social
housing

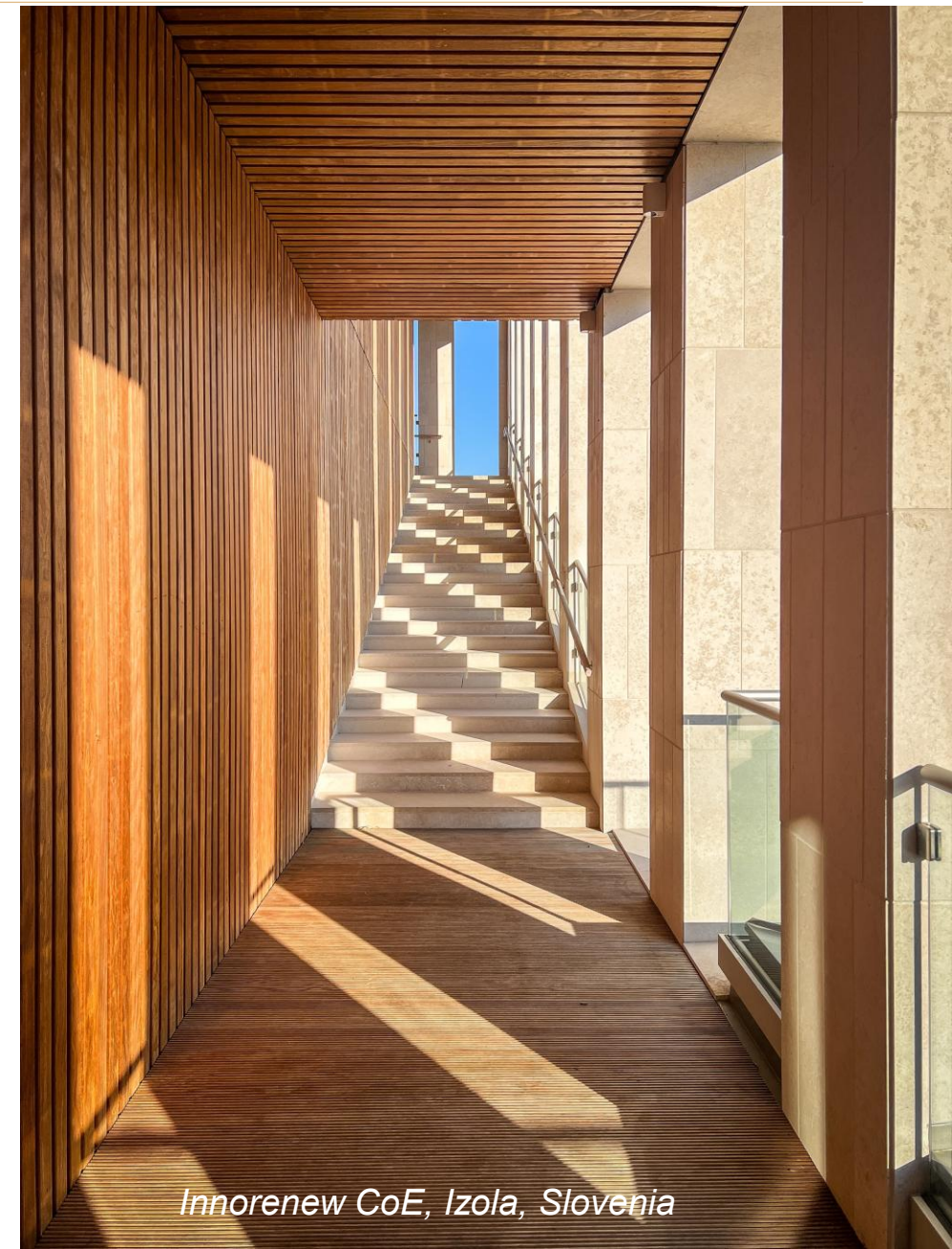
Partnership

- / University of Genoa – Italy
Project leader *UNIGE*
- / University of Florence – Italy *UNIFI*
- / University of Primorska – Slovenia *UP*
- / University of Wroclaw – Poland *PWR*
- / Regione Liguria – Italy *RL*
- / ART-ER – Italy *ART-ER*
- / FederlegnoArredo – Italy *FLA*
- / Housing Europe – Belgium *HE*



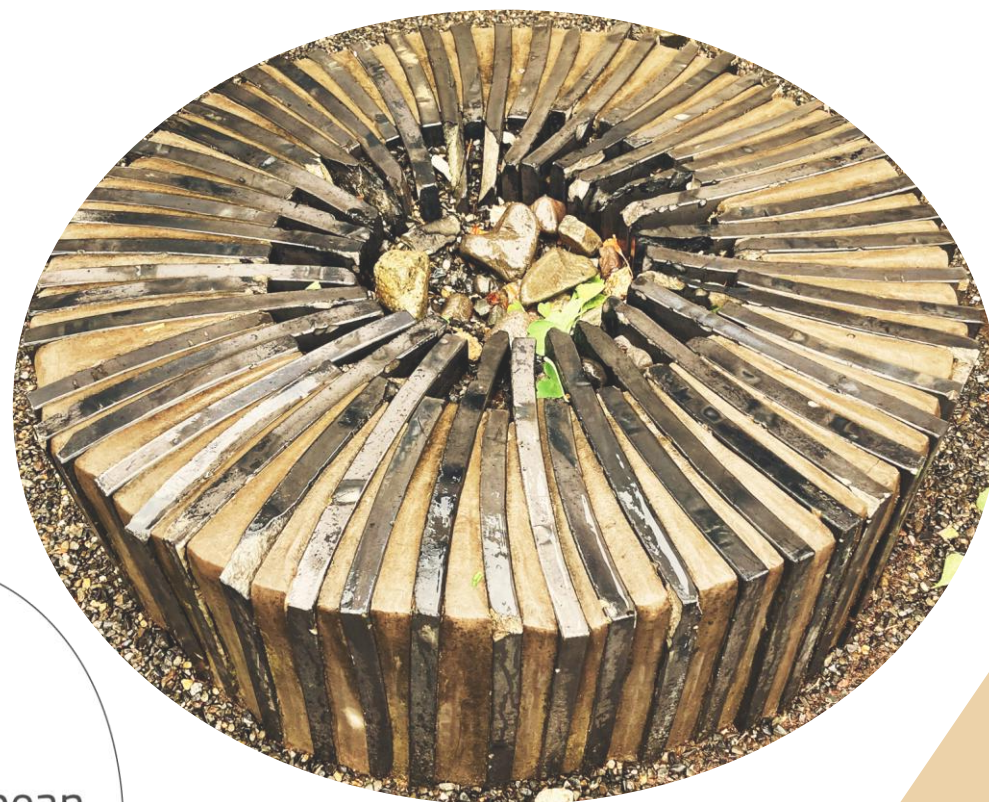
The key areas of the project

- / Wood in the construction sector: environmental benefits, technical skills and industry supply chain
- / Place making and the application of NEB Compass
- / Applications in social housing – policies and practices – active involvement of two social housing companies



Aims, means and results – WP1 NEB Academy Hub

- / WP1 aims - joining the NEB Community and implement the activities of the NEB Academy
- / WP1 results - establishment of the NEB SUD Hub Sustainable Design with wood and bio-based materials (*University of Genoa, University of Florence, ART-ER*)
- / connections with NEBAP in training (*University of Primorska UP*)

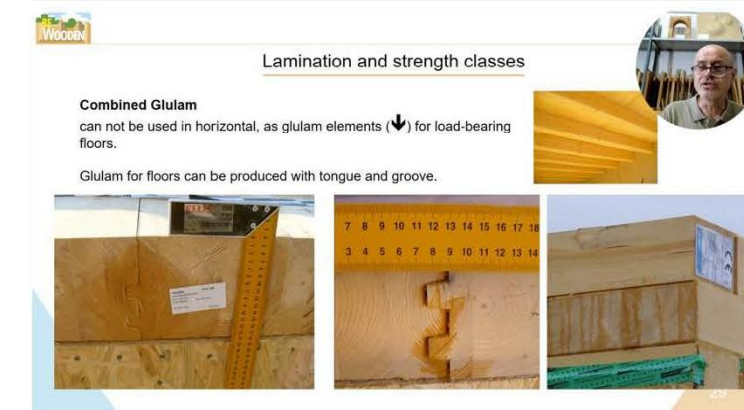
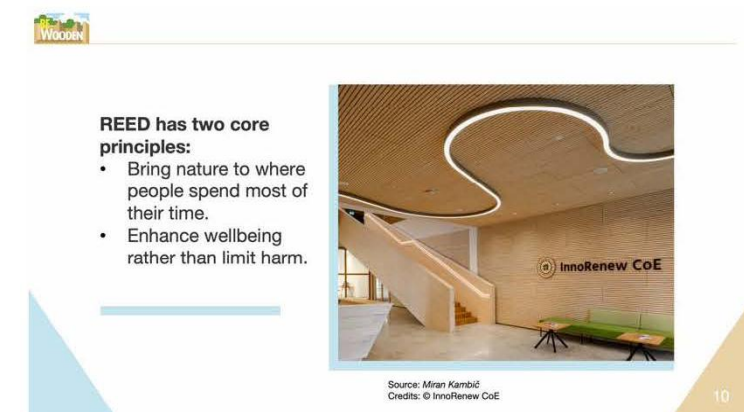


WP3 Professional training and skills

- / WP3 aims - Increasing technical skills in using wood for design and construction, to contribute to the decarbonisation process
- / WP3 results – Realization of webinars and NEBinars for long-life learning and professional CP - *22 webinars, 18 speakers, 47 hours Italian and European platforms linked to professional training for architects*
- / **NEB and placemaking** *PWR* 384 users (IT)
- / **Green and circular construction** *UNIGE, ART-ER, UP* 608 users (IT)
- / **Use of wood in construction** *UNIFI* 344 users (IT)



<https://lifebewooden.unige.it/node/29>



WP3 Raising awareness of the advantages of timber construction

/ WP3 results – 8 Podcast in English and Italian 15/20 minutes each – Available on Spotify *FLA*



- 1) The sustainability of timber construction
- 2) The use of wood in the construction and regeneration of buildings and public spaces
- 3) Aesthetic qualities and environmental health of wooden buildings
- 4) Sequestered carbon and timber construction
- 5) Design versatility in timber construction
- 6) Timber construction and technological innovation
- 7) Community engagement and local bioeconomies in the timber supply chain
- 8) Waste reduction and impact minimization in timber construction



The cover for the Italian version of the LIFE BE-WoodEN podcast. It features the text "LIFE BE-WoodEN" and "IL PODCAST CHE ESPLORA PRESENTE E FUTURO DELLE COSTRUZIONI IN LEGNO". There is also a small Italian flag and a European Union logo.

516 listeners

Podcast

LIFE BE-WoodEN (Italiano)

FederlegnoArredo per conto del progetto LIFE BE-WoodEN

The cover for the English version of the LIFE BE-WoodEN podcast. It features the text "LIFE BE-WoodEN" and "THE PODCAST EXPLORING THE PRESENT AND FUTURE OF TIMBER CONSTRUCTION". There is also a small European Union logo.

115 listeners

Podcast

LIFE BE-WoodEN (English)

FederlegnoArredo on behalf of LIFE BE-WoodEN Project

WP3 – WP4 Testing Innovative Training methodologies

- / WP3-4 aims - Experimenting with new training models better suited to rapid changes in the world of learning (small groups of webinar users)
- / WP3-4 results – Winter School in Florence, testing laboratories and visiting wood companies, 20 people, *DAGRI Department organized by UNIFI*
- / study visit in Slovenia, *Innorennew CoE, Izola* and *Stilles Company, Slovenia*, 28 people *organized by UP*



WP4 – WP5 Innovation Lab and Pilot Action in Emilia Romagna, Italy

- / WP4-5 aims – analysis of the local timber supply chain to achieve a feasibility study for overcoming limitations and barriers, with a specific focus on social housing (*ART-Er and ACER*)
- / WP4-5 results – analysis of the forestry context, overview of regional forestry certifications, analysis of the wood-furniture supply chain, user and business acceptability, comparison of the environmental benefits of wood construction versus traditional construction (in social housing), definition of a green business model for supply chain stakeholders (*ART-ER and ACER, RER, UNIFI, FLA*)
- / Toolkit as a tool to support administrations and companies in assessing a sustainability path based on corporate objectives and/or desired benefit



WP4 – WP5 Innovation Lab and Pilot Action in Liguria, Imperia, Italy

- / WP4-5 aims - applying the principles of the NEB Compass, adopting co-participatory and interdisciplinary design approaches, with a specific focus on social housing (*RL and ARTE Imperia, with Itinerari Paralleli*)
- / WP4 results – Testing on a real case, Challenge Based Learning among architects, artisan, social innovators, artist (mixed groups, 48 p. and 8 projects) for the renovation of a social housing; stakeholder Speed Dating in Imperia
- / <https://youtu.be/SN0kePmU-u0>
- / WP5 results – Renovation of the common spaces of a social housing building in Imperia (self-construction by the CBL winning team, architects, students and volunteers)
- / <https://youtu.be/2IgdQydIPEk>



WP4 – WP5 Innovation Lab and Pilot Action in Liguria, Imperia, Italy



Who did we reach? Who will we further engage?

- / Education institutions through European Association for Architectural Education EAAE
- / Councils and professionals Association (ACE and CNAPPC)
- / Number of **Professional Credits Certifications** already issued for BE-WoodEN webinars and Nebinars (Italy): **7.430**
- / Local, regional and municipal administrations, natural park authorities
- / Housing providers associations and social housing users (Housing Europe and Federcasa)
- / Business associations, clusters, companies (through FLA and Art-ER)
- / Citizens and local associations

[LinkedIn Page](#) | [Youtube Channel](#) (additional) | Official Social Hashtag #BeWoodEN



THANK YOU!

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<https://lifebewooden.unige.it>

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