Gospodarska zbornica Slovenije
Chamber of Commerce and Industry of Slovenia
Chamber of Construction and Building Materials Industry of Slovenia

Greet CE

Eco-construction Pilot

Resource-efficient construction and material cycles

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Final conference

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The Greet CE project (n. 101133227) is supported by the European Unions Interregional Innovation Investments (I3) Instrument.

Eco-Construction Pilot in GREET CE

The Eco-Construction Pilot supported the green and digital transition of the construction sector in Central Europe through interregional collaboration and SME-driven innovation.

Key objective:

→ develop **cross-border circular value chains and business cases** in construction

→ align SMEs, policy and finance ecosystems

→ prepare investment-ready innovation pathways

Activities implemented 2024–2026:

- mapping and SME engagement
- value chain and business case development
- capacity building and matchmaking
- policy alignment and ecosystem integration.

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Pilot methodology

The Eco-Construction pilot followed a structured innovation pathway:

1. Mapping of SMEs and circular construction solutions (WP2)
2. Identification of gaps and innovation niches (WP3.1)
3. Development of Value Chains and Business Cases
4. Capacity building and matchmaking events
5. Policy alignment and investment readiness

More than 15 SMEs and innovation actors from SI–PL–RO–SK–HR and beyond engaged in the pilot ecosystem.

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Value Chains developed (VC1–VC4)

Four interregional value chains were analysed:

VC1 – Circular construction materials and products (CCIS)

Hybrid recycled + bio-based materials with digital traceability

VC2 – Climate-resilient construction – resilient, flexible and circular building (CCIS)

Modular timber / hybrid climate-adaptive construction

VC3 – Sustainable / bio-based insulation (GEA)

Natural fibre and mycelium insulation materials

VC4 – Optimizing construction processes through IT and circular economy solutions (MAE)

AI/BIM-based lifecycle and deconstruction tools.

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Business Cases developed (BC1–BC6)

Six investment-oriented Business Cases were prepared:

BC1 – Re-use, waste and bio-based construction principles (CCIS)

BC2 – Modular prefabricated wooden / hybrid construction (CCIS)

BC3 – Tradi-innovation in eco-construction – wooden built heritage (GEA)

BC4 – Intelligent management of building deconstruction and recycling (MAE)

BC5 – Platform for optimisation of lifecycle of materials (MAE)

BC6 – Integrated circular eco-construction solutions (cross-VC integration)

These BCs translate VC innovation into scalable market solutions.

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SMEs and stakeholders engaged

SI Slovenia
Lumil; Rutena; Veplas; Technol; NonToxunikum; VCG.ai
RO Romania
Celiqum; Caminota; Old Wood
PL Poland
Hustro; 4NatureSystem; Amazemet
SK Slovakia
Terratico; EcoCocon
HR Croatia
Lignum Cibaliae
ES Spain (external to GREET CE regions)
BIOO – nature-based energy and bio-responsive materials solutions
IT / EU EU collaboration network
Gees Recycling; Interzero

These companies cover the full eco-construction value chain:
→ circular and bio-based materials
→ modular and timber construction
→ digital and lifecycle solutions
→ nature-based and energy-integrated building systems

The pilot also involved companies beyond GREET CE countries (e.g. Spain), demonstrating openness to wider European eco-construction innovation ecosystems.

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Capacity building and matchmaking activities

The pilot was supported by 19 interregional events (2024–2025), including:

- Interregional SME Integration Workshop – RO
- Mazovia Development Forum – PL
- EKON eco5.zero – PL
- Synergies in Circularity for Built Environment – RO
- Building Circularity (CirCon4Climate) – PL
- Clean Air Forum – PL
- GREET CE Thematic Conference MEGRA – SI
- Industrial Building Expo – PL
- Materials Matter – Non-Tox Day – SI
- Alternative Financial Instruments webinar – SI
- From Idea to European Funding – SI
- Crowdfundmatch – PL
- Preserving Rural Heritage through Eco-Construction – RO

These events strengthened SME capacity, partnerships and financing readiness.

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BusineCCIS Eco-Construction pilot activities:

CCIS acted as coordinator and ecosystem integrator:

- engagement of Slovenian construction and materials SMEs
- cross-sector integration (construction–bioeconomy–digital–energy)
- matchmaking with finance and policy actors
- support to consortium building and EU project preparation
- promotion of circular construction solutions

CCIS also facilitated cooperation across SI–RO–PL–SK–HR innovation ecosystems.

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Policy and ecosystem alignment:

Pilot activities contributed to:

- alignment with Smart Specialisation (S3) priorities
- integration of circular construction into bioeconomy and digital transition agendas
- identification of regulatory and investment barriers
- strengthening interregional innovation cooperation

The pilot moved from analysis toward an operational innovation ecosystem.

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Key outcomes of the Eco-Construction Pilot

For SMEs:

- better understanding of circular construction markets
- access to interregional partnerships
- improved investment readiness

For ecosystems:

- stronger cooperation among chambers, clusters and regions
- visibility of eco-construction as cross-sector theme
- foundation for future EU projects and investments

The pilot established groundwork for circular construction scale-up in Central Europe.

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Eco-Construction Pilot legacy

The Eco-Construction Pilot created:

✓ 4 interregional Value Chains

✓ 6 Business Cases

✓ 19 capacity-building events

✓ cross-border SME ecosystem

✓ policy alignment framework

These results support future I3, Horizon Europe and circular construction initiatives in Europe.

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