



ECTP - European Construction and sustainable built environment Technology Platform

- Nerea Gómez Morán -

ECTP in a nutshell

- founded in 2004
- AISBL legal entity
- **Headquarters:**
Av. de Cortenbergh 52, 1000 Brussels
- **Office:**
Rue du Congrès 37, 1000 Brussels

European Construction and sustainable built environment Technology Platform

Building a better Europe

Nurture and accelerate the transformation of European construction industry for global society by driving innovation and steering competitiveness, generating societal and environmental prosperity.

- A leading membership organisation promoting and influencing the future of the **Built Environment in Europe and beyond**
- **150+ member-organisations** from the Construction sector and other sectors from the whole supply chain of the Built Environment
 - ✓ large enterprises, SMEs, universities, research organisations and professional associations.
 - ✓ **26 EU countries.**



COOPERATE

INNOVATE

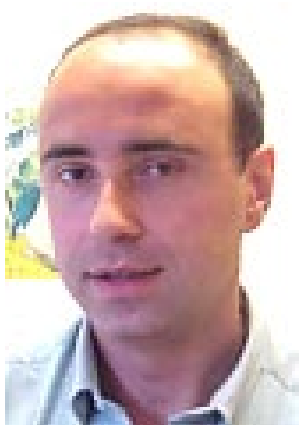
IMPLEMENT

IMPACT



ECTP Team

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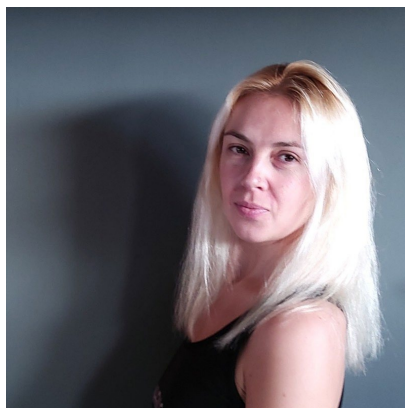
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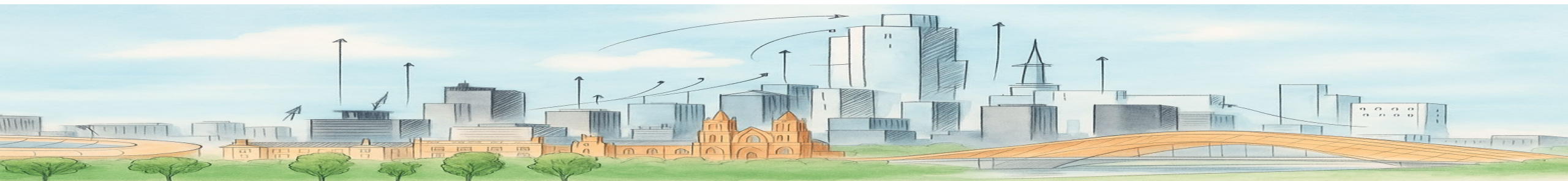


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Context and trends



Innovation in the construction industry as an absolute necessity

- The Built Environment and related industries must **evolve towards carbon neutrality** (resource efficiency, circularity, sobriety in usage)
- **Buildings as proactive part of the city**: interactive, re-natured districts, infrastructures integration, valorisation of cultural heritage. Affordable and Social housing.
- Ageing infrastructures must evolve & adapt to new uses and hazards, **demonstrating enhanced resilience**.
- **The industrial (r)evolution** is still to be implemented, by integrating mature technologies (AI, automation, etc) into all processes from design to manufacturing and construction.
- **Digitalisation** is to be generalised in the construction processes and in the built environment.
- **Biobased and advanced materials** must be integrated to achieve more resilience, comfort, health, safety, resource efficiency, circularity and carbon neutrality.
- **Circular economy principles must drive the transformation of the construction sector**, enabling reuse, repurposing, modularity, and long-life design to reduce waste, carbon footprint, and resource extraction.



**INFRASTRUCTURE &
MOBILITY**



**DIGITAL BUILT
ENVIRONMENT**



**MATERIALS &
SUSTAINABILITY**



HERITAGE & REGENERATION



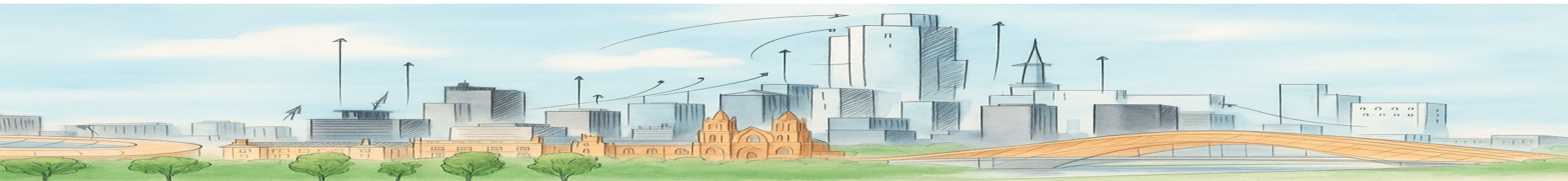
**BUILT ENVIRONMENT
DECARBONISATION**



BUILT FOR LIFE

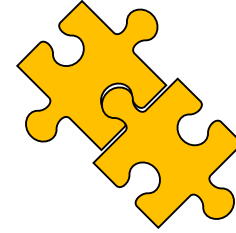
Construction NCTPs
(National Construction
Technology Platforms)
**Network or Country
Representatives**

ECTP with 6 thematic Committees



ECTP Strategic Objectives

Shape SECTOR POLICIES: (strategies for) engaging with and influencing key policy priorities set by the European Commission, ensuring their alignment with and impact on the R&I agenda



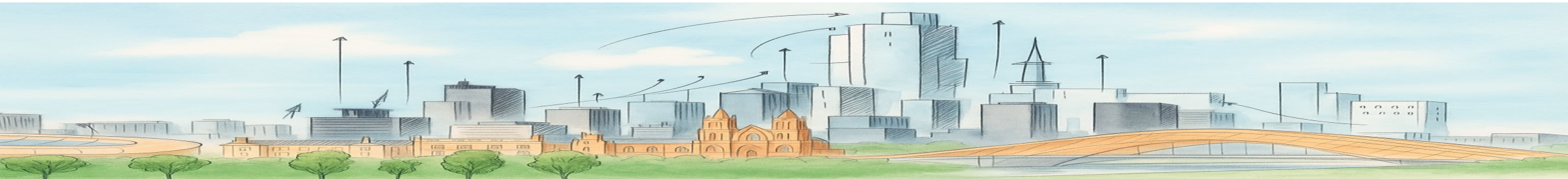
COLLABORATION & ENGAGEMENT: (strategies for) establishing and strengthening relationships and synergies with stakeholders, driving progress on R&I challenges & priorities

Upscale the RESEARCH & INNOVATION key levers and enablers to transform the Construction industry

Reskill TALENT: (strategies for) reskilling and developing new skills, using innovative methodologies & tools as a catalyst to accelerate the adoption of innovation within the sector



Achieve SOCIETAL RECOGNITION: (strategies for) enhancing awareness and appreciation of R&I advancements, demonstrating their relevance and impact on everyday life



ECTP Strategic Research & Innovation Agenda (SRIA)

(2020 – 2030)

- Propose a vision of the future Built Environment and related industry sector
- Identify trends and drivers supporting this vision
- Identify priority areas for detailed technology road-mapping

ECTP OBJECTIVES 2030

Clean built environment and cities

Reach the environmental & energy EU objectives 2030 thanks to affordable offers for construction, renovation and positive districts, and economically viable circularity of resources

Built for and with the people

Europe is a world leader in age-friendly, inclusive, well-interconnected spaces, participative planning & design, and valorisation of Cultural Heritage

Prosperous construction ecosystem

Gain 20% productivity through upgraded construction processes, cross-sector partnerships and skilled workforce

Digitalisation

All European construction companies including SMEs adopt digital tools in a common and open framework, to deliver smart-ready buildings & infrastructures

Reasons to join ECTP

Influencing innovation and strategic research

- Participate in the definition of the **European Strategic Research Agendas**
- Interact with the **Built4People Partnership Board**
- Close links with key representatives from the **European Commission**
- Take advantage of ECTP's strategic presence in the heart of **Brussels**



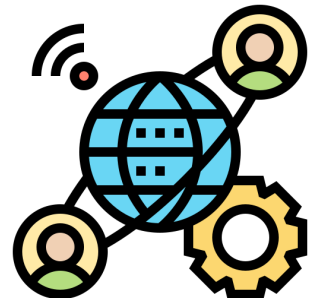
Access to knowledge, resource and expertise

- Information on upcoming **European funding calls and programmes**
- Access to **ECTP publications** and research
- Contribute to technology transfer and research exploitation
- Participate in **experts and Committees meetings**
- Access to the **dataset of sectorial projects** funded by the Horizon Europe and LIFE framework programmes



Opportunities for networking, training & development

- Discount for participants in the **ECTP Biennial Conference** to disseminate project outcomes
- Seminars and training to discuss technical challenges and facilitate **networking**
- Meet **potential partners** for your research projects





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and follow us on [LinkedIn](#)



ECTP

**INNOVATIVE BUILT
ENVIRONMENT**



[B4P Co-Programmed Partnership]



Co-funded by the
European Union



Built4People (B4P) Partnership



<https://built4people.eu>



Scope:

- Decarbonisation, sustainability and better living (Europe & beyond)
- Gather partners across the built env. value chain for a *cleaner, safer, affordable, smarter, decarbonised & sustainable Built Environment*

Aim:

Produce & deliver on the market holistic innovation
→ long-lasting transformations & behavioural change
→ deliver long-term goals set by the EGD



Approach:

- People-centric holistic innovation
- High quality architecture → low carbon, highly energy & resource efficient built env.
- Drive the societal and economic transition towards sustainability.

Coordination:

- EC: DG ENER Lead contact → co-creation process among 12 EC services responsible for the policies focusing on the BE: ENER.B2, B3, B5; RTD.D1; GROW.C1; ENV.B2; MOVE.B3; CLIMA.C1; CNECT.H5; EAC.D1, D2; EMPL.C3.
- Partners others than the EU



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B4P General and Specific Objectives

3 B4P General Objectives:

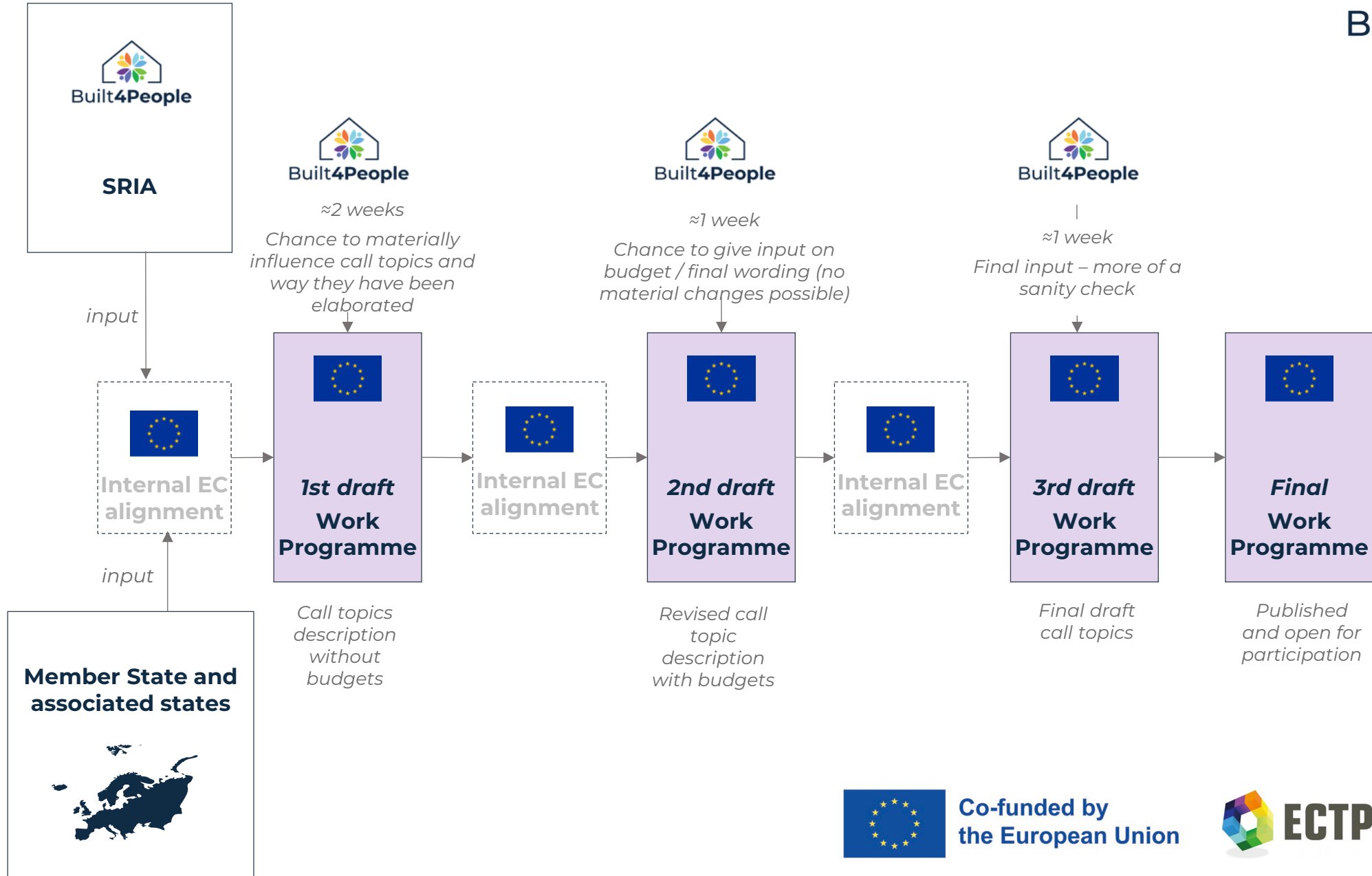
1. **“Scientific”**: to generate holistic innovation towards sustainability
2. **“Economic”**: to revitalize the sector through decarbonization and sustainability transition
3. **“Societal”**: to induce lasting behavioral change towards sustainable living

7 B4P Specific Objectives:

- A. Develop holistic solutions in a systemic approach
- B. Demonstrate overall performance in the life-cycle perspective
- C. Demonstrate clean energy transition potential
- D. Demonstrate sector decarbonization pathways
- E. Demonstrate sustainable, circular business and value chain
- F. Demonstrate affordability and cost-effectiveness
- G. Demonstrate no trade-offs on economy, comfort, health, functions, cultural heritage



Built4People - Horizon Europe WP preparation



WP2025 – Efficient, sustainable and inclusive energy use

Open: 16 SEPT 2025

Closed: 17 FEB 2026

Key Strategic Orientations

- Green transition
- Digital transition
- A more resilient, competitive, inclusive and democratic Europe

e.g. B4P Calls,
published in the
[Funding and
Tenders Portal](#) of
the EU-COM

Main impacts

(*) **Highly energy-efficient and climate neutral European building stock** (*) Industry

- HORIZON-CL5-2026-02-D4-01: On-site innovative robotic and automated solutions and techniques for more sustainable and less disruptive building renovation and construction
- HORIZON-CL5-2026-02-D4-02: Smarter buildings as part of the energy system for increased efficiency and flexibility – Societal Readiness Pilot
- **HORIZON-CL5-2026-02-D4-03: Innovative pathways for low carbon and climate resilient building stock and built environment (Built4People Partnership):** RIA, 15M€
- HORIZON-CL5-2026-02-D4-04: Innovative approaches for the deployment of Positive Energy Districts
- **HORIZON-CL5-2026-02-D4-05: Optimal combination of low embodied carbon construction products, technical building systems and circularity principles for climate neutral buildings (Built4People Partnership):** RIA, 12M€



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Thank you for your attention!

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