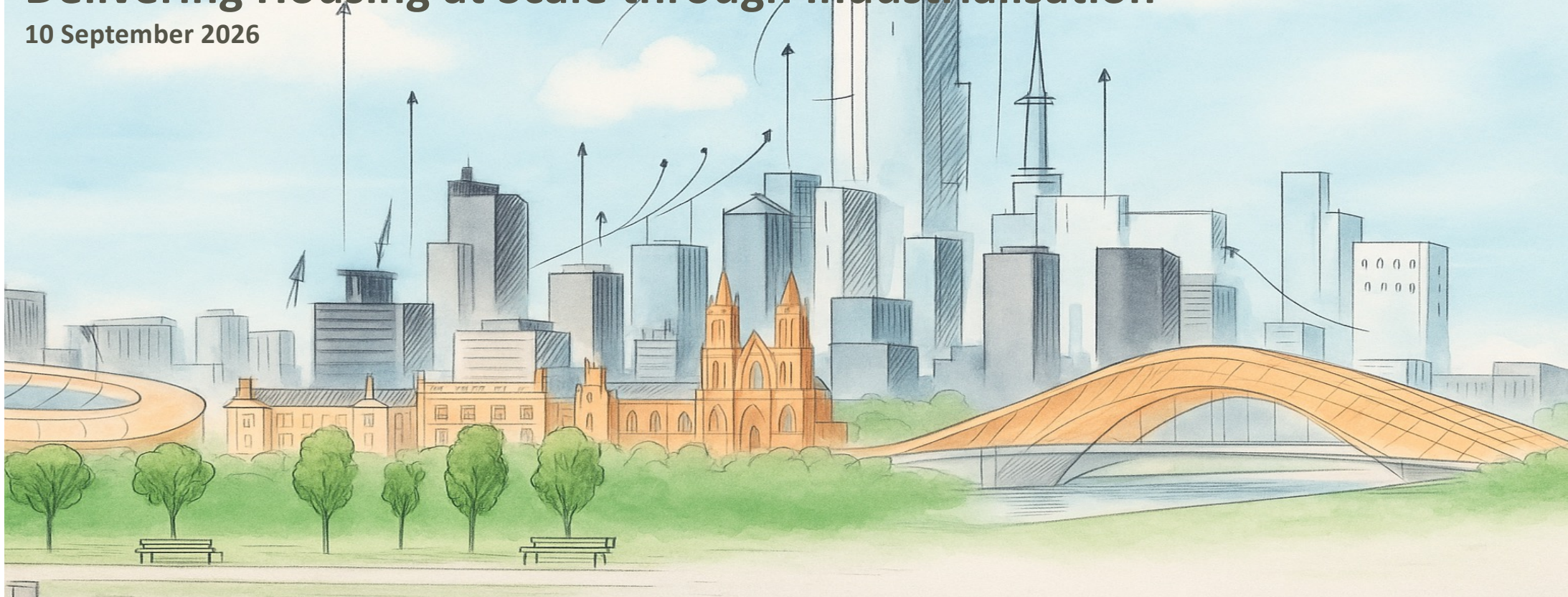


CIB European Affordable Housing Symposium 2026: Delivering Housing at Scale through Industrialisation

10 September 2026



The European innovation landscape for affordable housing and resilience

Dr Anastasiya Yurchyshyna, Secretary General

European Construction and sustainable built environment Technology Platform (ECTP)



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**
- **160+ member-organisations** from the Construction sector and other sectors from the whole supply chain of the Built Environment
 - ✓ large enterprises, SMEs, start-ups, mid-caps, universities, research organisations, professional associations, NGOs, ...
 - ✓ **26 countries in EU27 and beyond**



COOPERATE

INNOVATE

IMPLEMENT

IMPACT



Building a better Europe



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, robotics, ...) 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

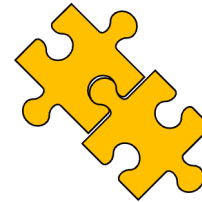
Resilience (broadest)!

New European Commission: priorities 2024-2029

Prosperity and **competitiveness**, continued focus on **sustainability**

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



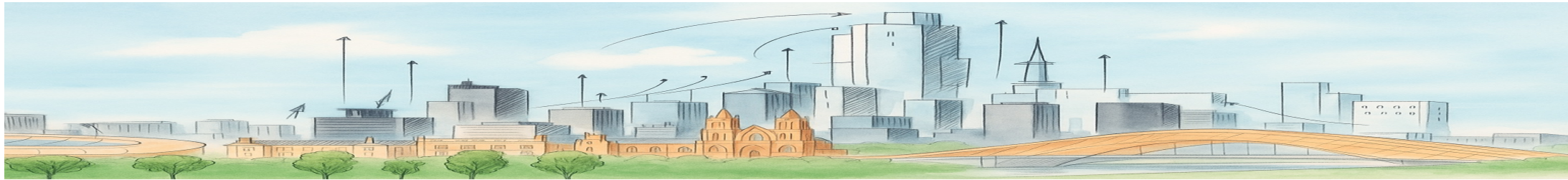
COLLABORATION & ENGAGEMENT: (strategies for) establishing and strengthening relationships and synergies with stakeholders, driving progress on R&I challenges & priorities

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





**INFRASTRUCTURE &
MOBILITY**



**DIGITAL BUILT
ENVIRONMENT**



**MATERIALS &
SUSTAINABILITY**



HERITAGE & REGENERATION



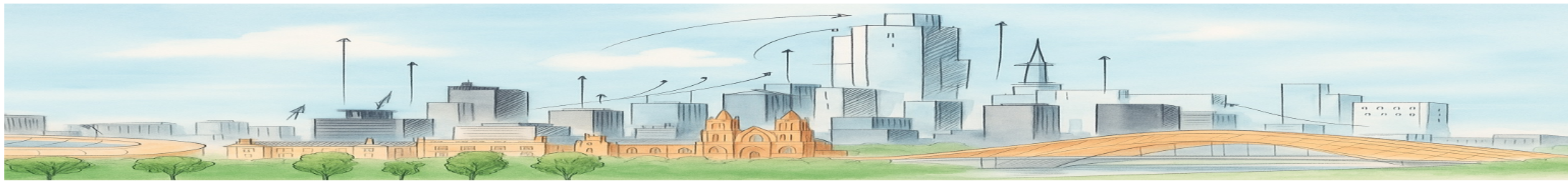
**BUILT ENVIRONMENT
DECARBONISATION**



BUILT FOR LIFE

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

ECTP with 6 thematic Committees



ECTP: managing Built4People co-programmed partnership



- The Built4People partnership brings together the whole value chain to accelerate people-centric innovation for a sustainable built environment.
- Built4People (B4P) is a European co-programmed partnership under Horizon Europe
- Running for 7 years from 2021 – 2027
- The objectives of the B4P are specified in the [Memorandum of Understanding](#)
- Coordinated by ECTP and ENCORD

KEY FACTS AND FIGURES

Horizon Europe Pillar and Cluster: Pillar II – Cluster 5 Climate, energy and mobility

Type of partnership: Co-programmed

Coordinating entity: ECTP & ENCORD

Total estimated budget: EUR 780 m

EU commitments: EUR 380 m

Partners' commitments: EUR 400 m

Predecessor under Horizon 2020: Energy-efficient Buildings (EeB) cPPP

- In European Partnerships the EU Commission and private and/or public partners work together in shaping Research and Innovation Programs
- European partnerships generate an added value for research and innovation in Europe and also support political priorities of the EU-Commission in R&I
- <https://built4people.eu>



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B4P challenges and political landscape

2021: Two critical challenges for the built environment's innovation ecosystem



Become more **sustainable and resilient**



Become **more 'people-centric'** to improve individual well-being and social cohesion

2026: Partial strategic re-focus:

- competitiveness,
- industrialisation
- resilience (incl. security, defence)

B4P is supporting the political Research and Innovation Priorities of the EU Commission

- Contributing to achieving Europe's 2030 energy targets
- Supporting the European Renovation Wave strategy
- EU Circular Economy Action Plan and the Affordable Housing Initiative
- Aligned with the ambitions of the European Green Deal Action Plan and the New European Bauhaus initiative
- (..) ...



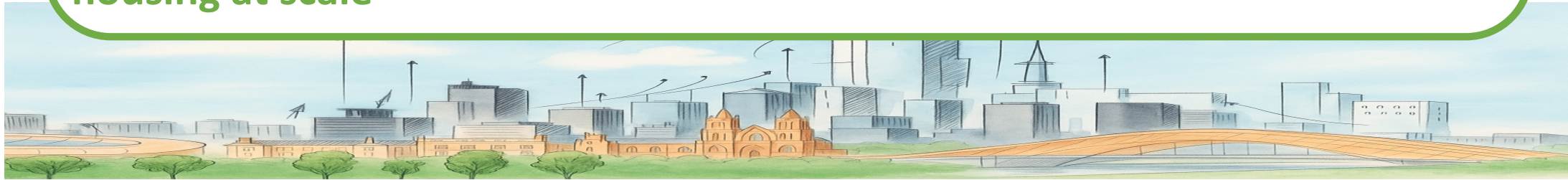
Does Europe lack innovation for affordable and resilient housing?

NO!

We need

- interconnected ecosystems
- investment models
- actionable pathways
- ...

to move innovation from projects and pilots into affordable and resilient housing at scale



ECTP Strategic Research & Innovation Agenda (SRIA) (2027 – 2034)

- The vision of the future Built Environment and related sectors
- Trends and drivers supporting this vision
- Priority areas for detailed technology road-mapping in alignment with and forward-looking FP10

Strategic actions pathways



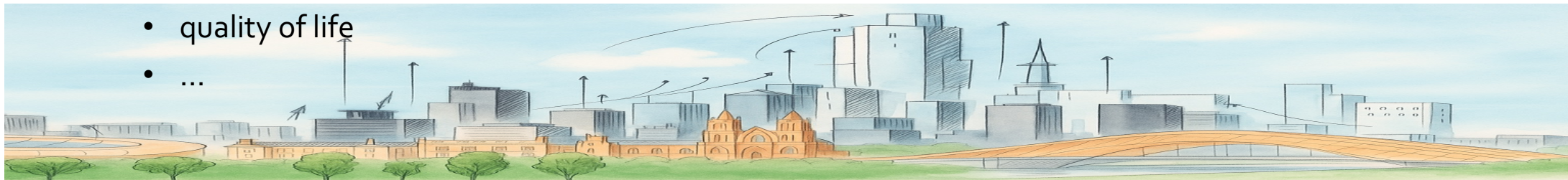
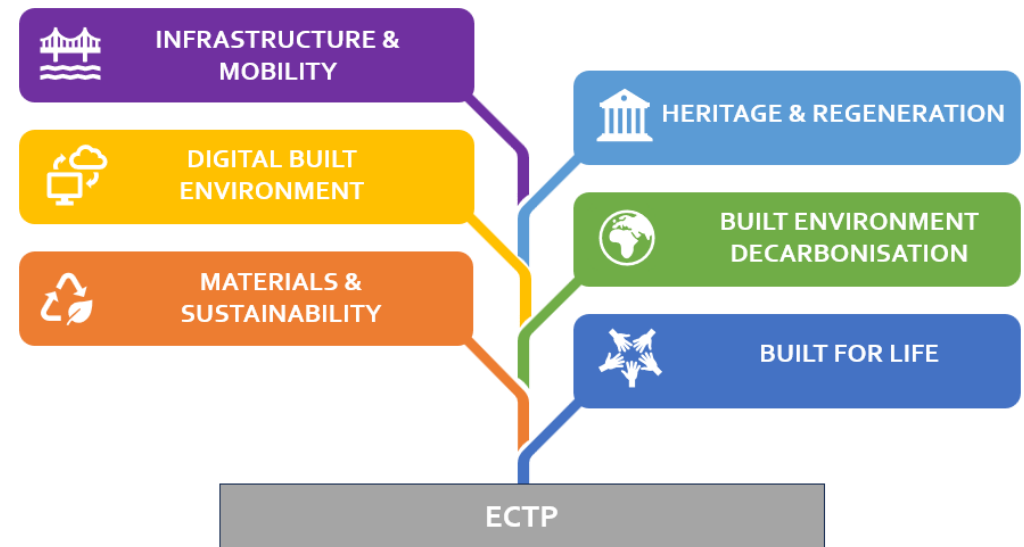
~~Can we innovate?~~ →

Can we help our members turn innovation into housing that people can actually afford, that performs well, and that remains resilient for decades?

ECTP vision: Yes, but how?

Affordability and resilience are not competing objectives

- Systemic approach: ensure affordable buildings / infrastructure remain affordable and resilient over lifetime:
 - construction costs
 - energy and operating costs
 - renovation needs
 - climate risks
 - man-made threats
 - material and resource efficiency
 - adaptability
 - maintenance
 - digital and technical performance
 - quality of life
 - ...



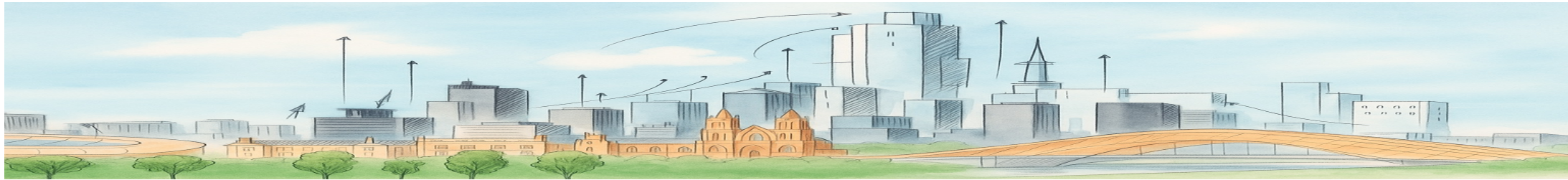
ECTP vision: Where we focus next

Innovation shifts

- products → systems
- pilots → industrialisation
- technology → people

The real European innovation challenge is not to invent another solution for housing (yet, it is important to continue doing so)

It is to build the capacity to combine, finance, replicate and scale the solutions we already have... and provide actionable approaches to smoothly integrate new ones



B4P perspective for affordable and resilient construction



- Based on the **ECTP** vision and SRIA
- **Co-programmed** European instrument for **implementation**
- From projects to impact: designed to accelerate the **uptake, replication and scaling of innovative solutions**
- Connecting different **layers of the whole ecosystem**: linking EU-level action with national, regional and sectoral innovation capacities
- Focus on actionable transformation by enabling **affordable, sustainable and resilient buildings and communities** that can be **delivered at scale**





*[Network of Built4People Innovation Clusters,
B4PIC network]*



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CSA projects supporting B4PICs: NEBULA and STAR*track



- **NEBULA provides support to the B4P Partnership to:**
 - develop and nurture the network of B4P Innovation Clusters
 - make the bridge with the New European Bauhaus
- Running from October 2022 to March 2025
- Website: https://built4people.eu/nebula_project/
- Coordinated by DOWEL Innovation
- Consortium:



- **The STAR*track project aims at:**
 - expanding the Built4People Innovation Cluster (B4PIC) network developed in the HE project NEBULA
 - strengthening and supporting B4PICs and their members to deliver sustainable and people-centric innovation and accelerate uptake by regional value and supply chains
- Running from May 2024 to April 2027
- Website: <https://built4people.eu/startrack-project/>
- Coordinated by Nobatek/ INEF4
- Consortium:



B4P Innovation Cluster



A Built4People Innovation Cluster (**B4PIC**): a group of innovation-driven stakeholders, typically formed by one or two local/regional cluster(s), that engage in a maturing process to foster EU-scale, multidisciplinary and sustainable innovation in the Built Environment.

3 B4P General Objectives:



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

NEB Core Values



- Beautiful
- Sustainable
- Together

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 **decarbonisation 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

NEB Working Principles

- Participatory process
- Multi-level engagement
- Transdisciplinary approach



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B4PIC network: why's at a glance

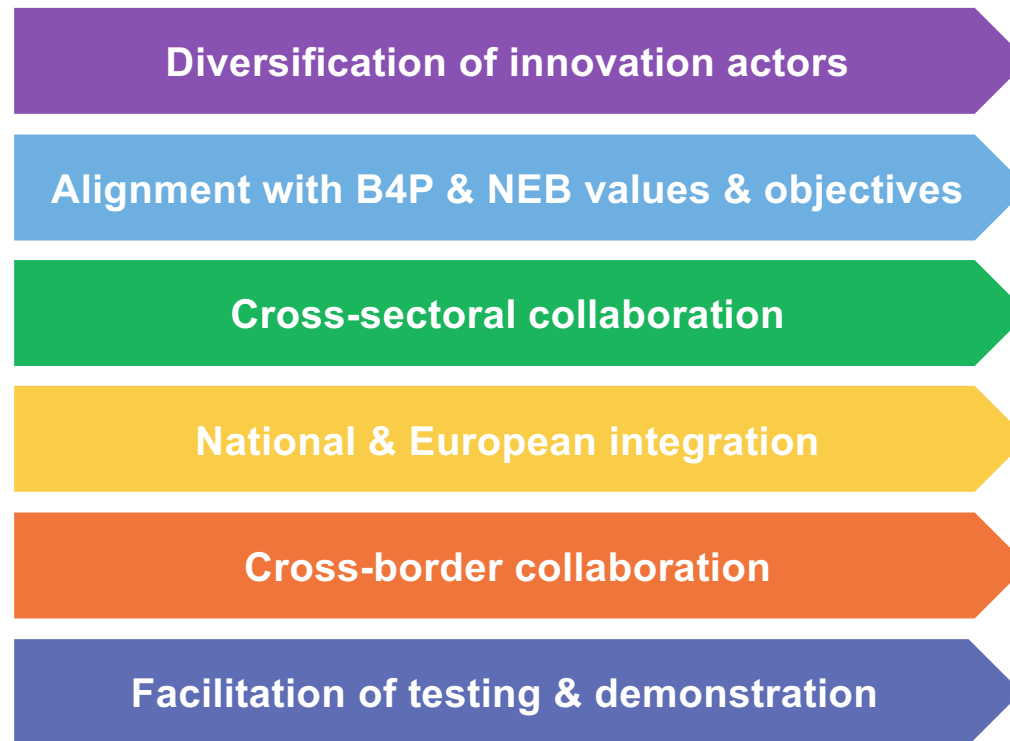


B4PIC framework: respecting YOUR own strategy



Maturation process

Innovation
cluster / hub /
platform



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ECTP



Three types of B4PICs

Towards increasing maturity, while exchanging good practices and fostering collaboration



- **Prospective B4PIC:** an Innovation Cluster (hub/platform) expressed interest and is exploring becoming a B4PIC
- **Emerging B4PIC:** a Prospective B4PIC applied and been accepted (the B4PIC Charter is signed) on the basis of a commitment to progress towards required maturity (not meeting minimum requirements yet)
- **Established B4PIC:** an Emerging B4PIC has demonstrated it meets the required maturity level in the defined timeline, as agreed in their signed B4PIC Charter



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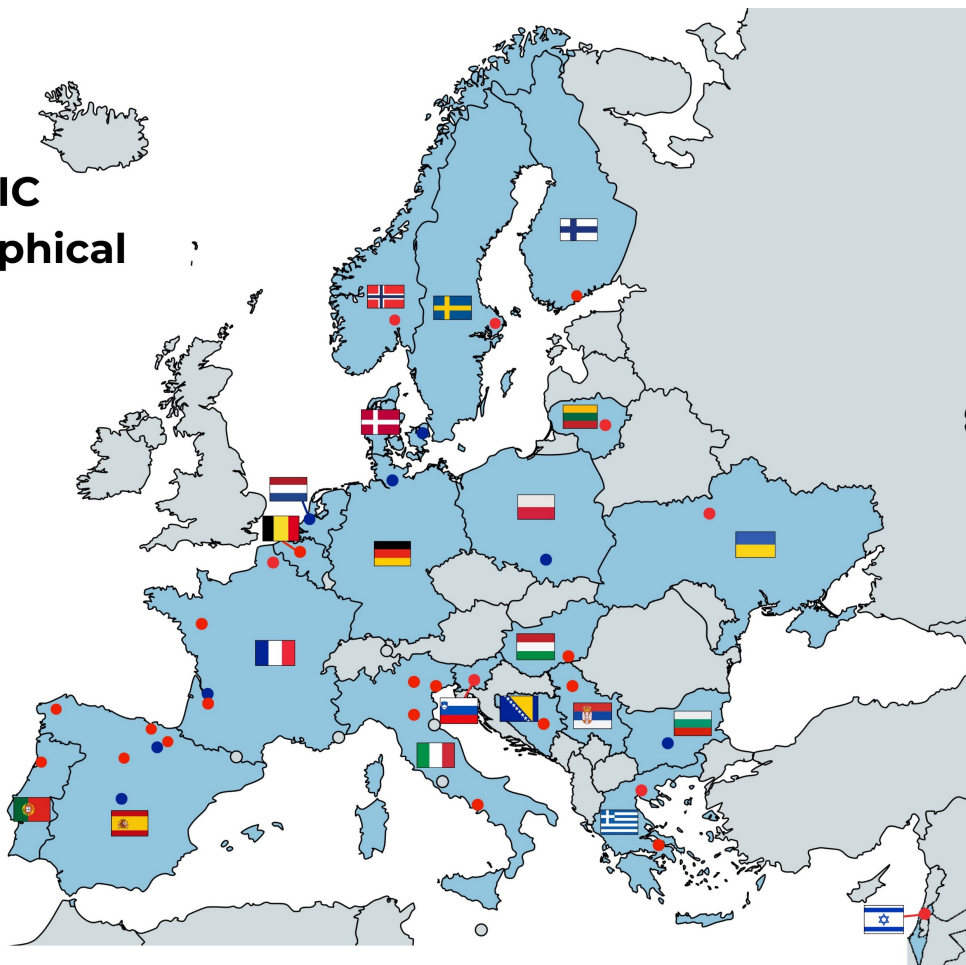


B4PIC network today: September 2026



The current B4PIC Network geographical coverage

- Emerging B4PICs
- Prospective B4PICs



B4PIC network is growing

21 countries in EU27 and beyond

34 B4PICs

- 29 Emerging B4PICs
- 5 Prospective B4PICs

as of 10 September 2026

More to come!

Next Signing Ceremony:

7 October 2026

**B4P Stakeholders Forum,
Brussels**

[Learn about the B4PIC Network here !](#)



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Built4People

Stakeholders Forum 2026

“Building Europe's Resilient Future”

Save the date

7 October 2026 | 09h00 – 16h30 CEST

Buildwise Zaventem, Brussels
(Kleine Kloosterstraat 23, 1932 Zaventem)

<https://built4people.eu/b4p-shf2026/>



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ECTP
**INNOVATIVE BUILT
ENVIRONMENT**



Affordable Housing Initiative



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the European Union



Affordable Housing Initiative - Context

The [renovation wave](#) will support new investments over a sustained period, starting with public and less efficient buildings. These will **spur digitalisation and creating employment and growth opportunities** across the renovation supply chain.

As part of this strategy, the [Affordable Housing Initiative](#) works to make sure social and affordable housing facilities also benefit from the renovation wave. It will guarantee local social and affordable housing projects' access to necessary technical and innovation capacity and project support by:



Piloting 100 lighthouse renovation and construction districts with a smart neighbourhood approach focused on energy efficiency, liveability and innovation, also providing blueprints for replication to support other projects across Europe;



Mobilising cross-sectoral project partnerships and linking them to local actors, such as social economy entities, SMEs active in the construction or renewable ecosystems, local authorities and bodies, housing associations, investors and civil society;



Promoting efficient access and use of innovative processes such as circular and modular building, production of renewable energy as well as engagement models to empower residents and local communities



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the European Union



What happened in Phase I?



**Co-funded by
the European Union**

*The European Affordable Housing Consortium, SHAPE-EU
project has received funding from the European Union's Single
Market Programme under Grant Agreement no. 101069909*



European Affordable Housing Consortium (SHAPE-EU)

In 2022, ECTP and 9 committed partners were tasked by the European Commission with the **take-off of the European Affordable Housing Initiative**. We accepted the challenge and created a rich and diverse capacity-building programme that provided a set of tools on **how to renovate homes for people and have a strong social impact on communities**. Our partnership also believed that peers with solid experience must meet and share in detail their renovation path.

The **European Affordable Housing Consortium** provided support to:

- meet the targets of the renovation wave aimed at affordable housing;
- deliver lighthouse renovation districts that include innovative features.

By providing **useful and reliable information** to:

- Housing providers;
- SMEs;
- Social enterprises;
- Public authorities;
- Suppliers.



**Co-funded by
the European Union**

*The European Affordable Housing Consortium, SHAPE-EU
project has received funding from the European Union's Single
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What happened in SHAPE-EU?



3 Blueprints with tried and tested approaches which will answer your questions on how to plan and implement innovative renovations that leave no one behind. They will help public, cooperative, social housing providers, SMEs, and cities to answer their questions on the following topics.

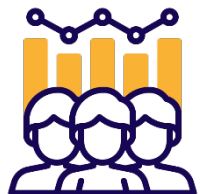
- Project implementation and financial feasibility
- Technology and digital applications
- Social inclusiveness and liveability



22 Supported districts from different corners of Europe that received tailored support for their renovation project.

13 Mentors helped local actors improve their renovation projects in one-to-one sessions.

4 Study visits helped about 40 public, cooperative, social housing providers, cities, and SMEs to understand from peers how projects have come to life.



A Funding Simulator that provides a snapshot of existing public and private finance that can be used for renovation projects at the district level.

450+ engaged housing providers, cities, SMEs through conferences and trainings.

More information at <https://shape-affordablehousing.eu/>



**Co-funded by
the European Union**

*The European Affordable Housing Consortium, SHAPE-EU
project has received funding from the European Union's Single
Market Programme under Grant Agreement no. 101069909*



What is happening in Phase II?



**Co-funded by
the European Union**

*The Affordable Housing Initiative European Partnership, SHAPE II
is receiving funding from the European Union's Single Market
Programme under Grant Agreement no. 101191186.*



Affordable Housing Initiative European Partnership (SHAPE II)

Composed of 6 partners from different sectors, and building on their previous experience and resources, the **Affordable Housing Initiative European Partnership will foster the new construction or regeneration of social and affordable neighbourhoods**, by supporting organisations across Europe through a tailored and comprehensive learning programme (**Accelerator Programme**), which encompasses:

- financial and technical advisory,
- mentorship,
- study visits,
- and joint capacity building events (online classes, workshops, seminars, and webinars).

Underpinned in peer-to-peer sharing, the programme is designed to empower organisations with the knowledge, skills, and resources **to develop holistic and sustainable approaches that:**

- address **energy poverty**,
- promote **social inclusion**,
- ensure newly built or renovated housing units remain **affordable, innovative and inclusive**,
- and **reduce residential building-related greenhouse gas emissions**.



**Co-funded by
the European Union**

*The Affordable Housing Initiative European Partnership, SHAPE II
is receiving funding from the European Union's Single Market
Programme under Grant Agreement no. 101191186.*



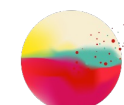
SINTEF



GNE FINANCE



ECTP
INNOVATIVE BUILT
ENVIRONMENT



ENERGYCITIES



Support Reference Points *



vito
vision on technology

tecnal:ia
MEMBER OF BASQUE RESEARCH
& TECHNOLOGY ALLIANCE



FHS
Fondazione Housing Sociale



What is happening in SHAPE II?



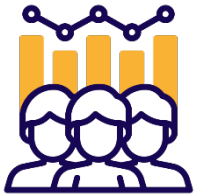
Support 35 Lighthouse Districts across Europe to showcase innovative housing renovations, providing tangible examples of success.



Host practical workshops to enable direct exchanges of best practices and solutions.

Offer tailored seminars for public, cooperative, and social housing providers, SMEs, and local authorities, focusing on integrated housing strategies.

Organise study visits to EU neighbourhoods, demonstrating effective technologies and methodologies.



Deliver online classes and webinars on renovation techniques, financing, and energy efficiency for EU experts.

Engage the renovation community in-person and online to exchange knowledge.

More information at <https://shape-affordablehousing.eu/>



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the European Union**

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Connecting Europe's innovation ecosystem for affordable & resilient housing

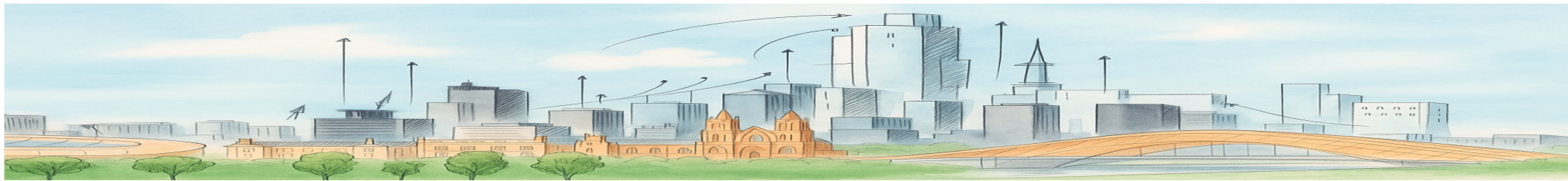
- ✓ **ECTP** defines and mobilises a **European R&I agenda** for the Built Environment, grounded in the ECTP SRIA.
- ✓ **Built4People Partnership** turns strategic priorities into a **co-programmed European instrument**, connecting policy, R&I and the whole Built Environment value chain
- ✓ **B4PIC Network** brings the European innovation agenda closer to regions, markets and citizens, connecting **local ecosystems across Europe**.
- ✓ **Innovation projects** facilitates implementation European collaborative R&I into **real solutions** for affordable, sustainable and resilient housing, e.g. SHAPE EU and SHAPE II

STRATEGIC

EUROPEAN SCALE

REGIONAL SCALE

IMPACT ON GROUND



The real test of European innovation?

Whether it eventually makes it from the Brussels meeting room to someone's living room.



ECTP
Strategic vision
(SRIA)



B4P
European
Partnership



B4PIC
Regional
ecosystems



Projects
From R&I to
real solutions



Affordable.
Sustainable.
Resilient.
For people.



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