



7 June 2024, 09:30am

ONLINE



# Built4People InfoDay and Matchmaking Event



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# Agenda

**09:30** Welcome | R2M Solution, Inès Elisabeth Kahin

**09:35** Introduction to the B4P partnership | ECTP, Anastasiya Yurchyshyna

**09:45** Overview of forthcoming B4P call topics closing on 21 January 2025 | European Commission, Eleftherios Bourdakis

**10:15** Pitches from B4P Innovation Clusters looking for a consortium | moderated by Dowel Innovation, Karine Laffont and Julie Saccomano

**10:35** Matchmaking: Tutorial on the use of the GREENET Partner Search Tool | GREENET project, Frankie Borg

**10:50** Q&A | moderated by R2M Solution, Inès Elisabeth Kahin

**11:00** End of the InfoDay & Matchmaking event



# ***[Introduction to the Built4People B4P Co-Programmed Partnership]***

[Anastasiya Yurchyshyna, ECTP, 7 June, 2024]



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# Built4People partnership – Overview

- **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, [Link](#)
- Coordinated by ECTP and WGBC

## 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 and WGBC

**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



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# B4P Challenges and Political Priorities

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



Become more sustainable and resilient in face of climate change and biodiversity reduction



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

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.



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# Built4People (B4P) Partnership



Built4People

<https://built4people.eu>

*A policy cross-cutting initiative, addressing buildings climate-neutrality but also broadly speaking sustainability, reducing resource intensity and increasing recyclability, taking into consideration other policies relevant to buildings, including the need to preserve our European Cultural Heritage.*

## **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



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# Aiming to create a strong community around B4P

## B4P SRG (State Representatives Group)

20 countries

- Austria
- Belgium
- Czech Republic
- Denmark
- Estonia
- Finland
- France
- Germany
- Hungary
- Ireland
- Italy
- Luxembourg
- Malta
- Netherlands
- Poland

## B4P SHF (Stakeholders Forum)

- Experts and stakeholders from across Europe: incl. academia, industry, SMEs, end-users, non-governmental and civil society organisations, stakeholder associations and regulatory bodies
- Advise and review on the priorities to be addressed, in line with the SRIA and the Horizon Europe strategic planning
- Provide with suggestions & recommendations for adjustments or re-orientations to the PB, where and when necessary

## B4P SHF 2024

- When: **23/09/2024** afternoon
- Where: European Convention Center **Luxembourg**, onsite / back2back with Sustainable Places (SP) 2024
- Plenary sessions + 4 parallel sessions
- Free, everyone is welcome



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# Built4People Contact details



<https://built4people.eu>

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[www.ectp.org](http://www.ectp.org)



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<https://www.worldgbc.org/our-regional-networks/europe>

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## ***[B4P Innovation Clusters]***

[Anastasiya Yurchyshyna, 7 June, 2024]



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# Built4People Innovation Cluster (B4PIC)

**A Built4People IC (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.

This process is supported and monitored by the B4P Partnership partners (ECTP and/or WGBC)

## Why B4PIC?



New European Bauhaus  
beautiful | sustainable | together



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# Why becoming a B4PIC?

*ICs can apply to become B4PICs and benefit from tailored support*

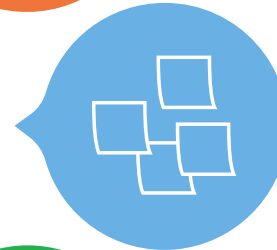
**INCREASE VISIBILITY IN  
HIGH-LEVEL EUROPEAN  
NETWORKS**



**MEET WITH OTHER  
NATIONAL/ REGIONAL  
CLUSTERS**



**TAKE A BROADER  
APPROACH TO  
RESEARCH AND  
INNOVATION**



**BENEFIT FROM NEW  
SERVICES FOR MEMBERS  
OF NETWORK**



**COMMUNICATE KEY  
MESSAGES TO THE  
EUROPEAN COMMISSION**



**ACCESS NEW  
RESOURCES AND  
FUNDINGS**



*How to be more successful?*



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# What is the purpose of the B4PIC network?

**B4PIC network** is composed of the B4PICs that have formally engaged in the B4P maturing process, assure the exchange of good practices and foster collaboration among B4PICs

## The B4PIC network services:

- Provide **guidance to increase clusters' coverage** (geographical, sectoral, trans disciplinary) and access to testbeds
- **Share** resources, practices and knowledge among members
- Provide **support on partnership and financing opportunities**



## Cluster commitments and benefits as member:

Define a **roadmap** to increase cluster's maturity on these dimensions and **sign a Charter**



Join the dedicated Metabuilding **web platform for networking** and **peer learning** activities about the **New European Bauhaus**



Use the **financing toolbox** and helpdesk



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# METABUILDING Platform

- ✓ digital meeting place for the innovation ecosystem of the European built environment sector
- ✓ for stakeholders from the construction sector and emerging industrial sectors: e.g. recycling & circular economy, additive manufacturing, nature-based solutions, digital industry
- ✓ allows all the innovation actors in the construction sector to stay updated on latest innovations, find collaboration partners for development or business activities, showcase innovative products and solutions and to get innovation, testing and certification support for their R&D projects.



**B4PICs choice for Built Environment ecosystem**

[www.metabuilding.com](http://www.metabuilding.com)

## SERVICES FOR CLUSTERS



Boost connection & collaboration with regional, national and European clusters, or other sectorial ecosystems / networks.



Profit of virtual working spaces to interact with members.



Improve the communication within and across clusters.



Find new members.



Link cluster to national and European platforms.



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# How to become a B4PIC?

## How to become a B4PIC? Clusters need to:

- 1) express interest in becoming a 'prospective B4PIC'
- 2) formally engage in the B4PIC 'maturing process' by signing the B4PIC Charter

## The B4PIC Charter = a declaration + a commitment

- of Innovation Clusters to join forces and work together and into the network to fundamentally contribute to the **B4P objectives**
- with respect to **NEB cores values and working principles**
- for a creative and transdisciplinary movement to **reimagine sustainable living**



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# B4P Maturity Framework

## B4P Objectives

3 General

7 Specific



## NEB

core values

working principles



*B4PIC Maturity  
Framework*



B4PIC addresses **6 B4PIC success factors**

(1) Whole value chain\*

(2) Multi-objectives\*

(3) Cross-sectoral

(4) Locally anchored with National and European outreach

(5) Cross-border

(6) Access to testbeds and demonstration spaces

*\*mandatory*



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# B4PIC Maturity Levels

## Prospective B4PIC (candidate)

- an IC expressed interest and is exploring becoming a B4PIC
- an IC can be a prospective up to 12 months before signing the Charter



## Emerging B4PIC (stage 1)

- accepted on the basis of a commitment to progress towards required maturity (not meeting minimum requirements yet)
- the Charter is signed
- timeline defined in the Charter (e.g., 12, 24 months)



## Established B4PIC (stage 2)

- Established B4PIC reaches the highest maturity level (level 3) for at least 3 of 6 success factors, from which 2 success factors are mandatory
- timeline defined in the Charter (e.g., 36 months)



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# HORIZON EUROPE



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## THE EU RESEARCH & INNOVATION PROGRAMME

2021 – 2027

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**BUILT4PEOPLE 2024 UPCOMING CALLS**

**ELEFThERIOS BOURDAKIS  
CINEA**

Built4People InfoDay & Matchmaking Event  
7 June 2024





# Call statistics and upcoming calls

	Call 2021	Call 2022	Call 2023	Call 2024*	Total
Number of Topics	3	5	5	5	18
EU contribution	43 m€	83 m€	44 m€	50 m€	218 m€
Proposals submitted	33	125	70		
Proposals selected (expected)	6	14	9**	(10***)	(39***)
Timeline					
Submission deadline	Jan-22	Jan-23	Sep-23	Jan-25	
Project start	Q4-22	Q4-23	Q2-24	Q4-25	

\* Call 2024: HORIZON-CL5-2024-D4-02

\*\* 9 secured + reserve list

\*\*\* Expected

# Built4People Call 2024\* - overview

Topics	Type of Action	Budget	Proposals to be funded
01- Industrialisation of sustainable and circular deep renovation workflows	IA	16 m€	2
02 - Robotics and other automated solutions for construction, renovation and maintenance in a sustainable built environment	RIA	8 m€	2
03 - BIM-based processes and digital twins for facilitating and optimising circular energy renovation	IA	8 m€	2
04 - Design for adaptability, re-use and deconstruction of buildings, in line with the principles of circular economy	RIA	8 m€	2
05 - Digital solutions to foster participative design, planning and management of buildings, neighbourhoods and urban districts	IA	10 m€	2

\*Call 2024: HORIZON-CL5-2024-D4-02

[https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/wp-call/2023-2024/wp-8-climate-energy-and-mobility\\_horizon-2023-2024\\_en.pdf](https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/wp-call/2023-2024/wp-8-climate-energy-and-mobility_horizon-2023-2024_en.pdf)



# 01- Industrialisation of sustainable and circular deep renovation workflows

## Expected outcomes

- Streamlining resource-efficient nearly zero-energy performance renovation processes.
- Renovations with reduction of at least 30% waste, 25% cost, and 30% work time (to 1-2 days per dwelling/building unit), compared to current deep renovation processes.
- Reduced energy performance gap between as-built and as-designed (difference between theoretical and measured performance), and higher construction quality.
- Innovative, tailored business models for deep renovation, generating economies of scale and contributing to an increased rate of renovation.
- Improved comfort, Indoor Air Quality and Indoor Environmental Quality.

## 02- Robotics and other automated solutions for construction, renovation and maintenance in a sustainable built environment

### Expected outcomes

- At least 40% reduction of construction and renovation time on-site.
- Reduction of errors in construction and renovation works.
- Improved resource efficiency.
- Reduction of construction and renovation costs.
- Reduction of greenhouse gas emissions resulting from, and improved energy efficiency of the works on-site.
- Reduced environmental impact of construction works, including pollution, particulate matter and noise, in the immediate vicinity.
- Reduction of waste generated from the works on-site.

# 03 - BIM-based processes and digital twins for facilitating and optimising circular energy renovation

Expected outcomes:

- Reduced buildings construction and renovation time and costs.
- Increased buildings material reuse and recycling.
- Improvement of buildings performance (energy, sustainability including whole life-cycle carbon and the potential to store carbon in built works, comfort, health and well-being, and accessibility).
- Enhanced, interoperable and accessible buildings information across the lifecycle.
- Improvement of interoperability with existing Building Information Modelling (BIM) and Digital Twin solutions.
- Broader application of BIM and Digital Twin solutions, in particular within SMEs.



# 04 - Design for adaptability, re-use and deconstruction of buildings, in line with the principles of circular economy

Expected outcomes:

- Improved adaptability of buildings and building units to new uses.
- Increased reuse and recycling of building elements and products.
- Extended service life of buildings.
- Increased awareness on best practices for design for adaptability, reuse and deconstruction.

# 05 - Digital solutions to foster participative design, planning and management of buildings neighbourhoods and urban districts

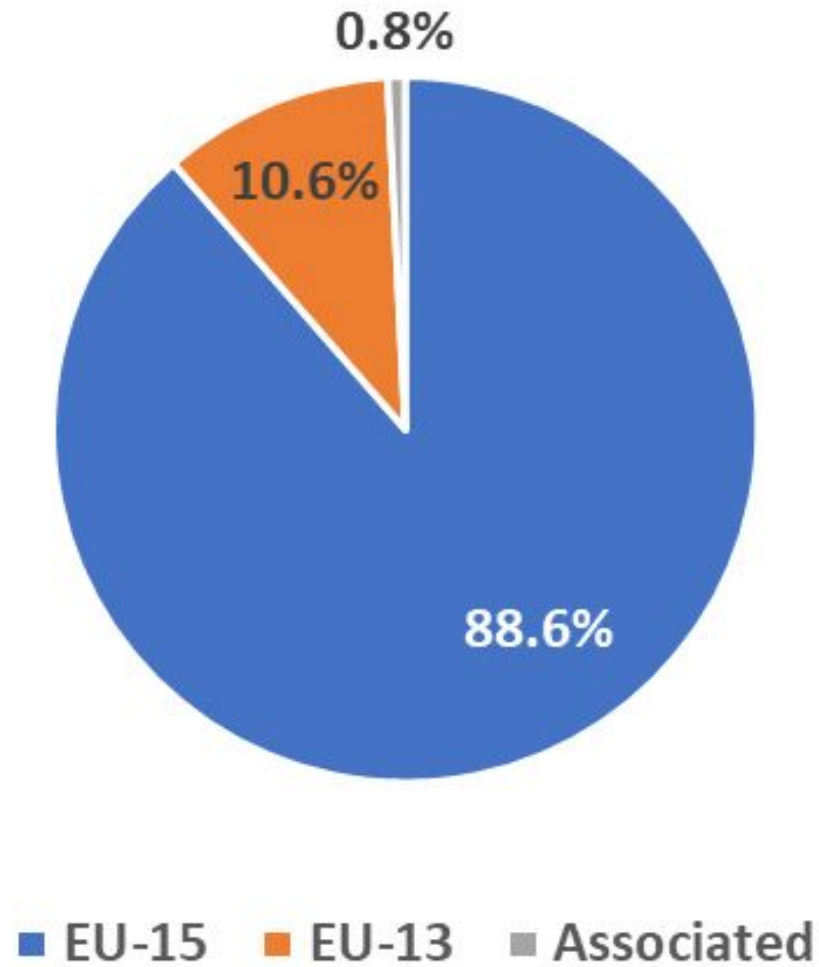
Expected outcomes:

- Greater engagement of representative groups of end users as well as citizens of the impacted urban context.
- Increased acceptability and uptake of sustainable deep renovation solutions in the built environment.
- Reduced energy and mobility poverty.
- Increase in plans for climate neutral and sustainable, aesthetic and inclusive built environments with enhanced climate adaptation and resilience (e.g. based on naturebased solutions).
- Enhanced climate change adaptation and resilience in built environments.

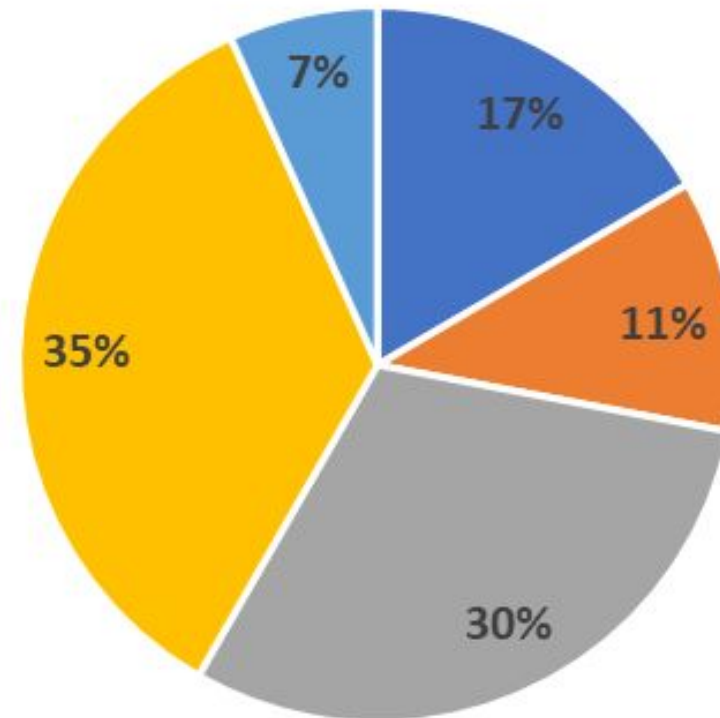
# EU Contribution per country



# EU contribution per group of countries



# EU contribution per participant type



■ Universities ■ Private non-profit ■ RTOs ■ Private for-profit ■ Public

# Final messages

Contributing to the partnership objectives:

- Projects: 29 ongoing + 10 more to come from 2024 topics
- Partners: approximately 490 organisations participate in B4P projects
  - 40 members/affiliated entities of ECTP/WGBC
  - 450 not members/affiliated entities of ECTP/WGBC
  - ECTP/WGBC have approximately 180 members/affiliated entities
- SMEs receive 28% of the EU contribution



# Thank you

Eleftherios.BOURDAKIS@ec.europa.eu

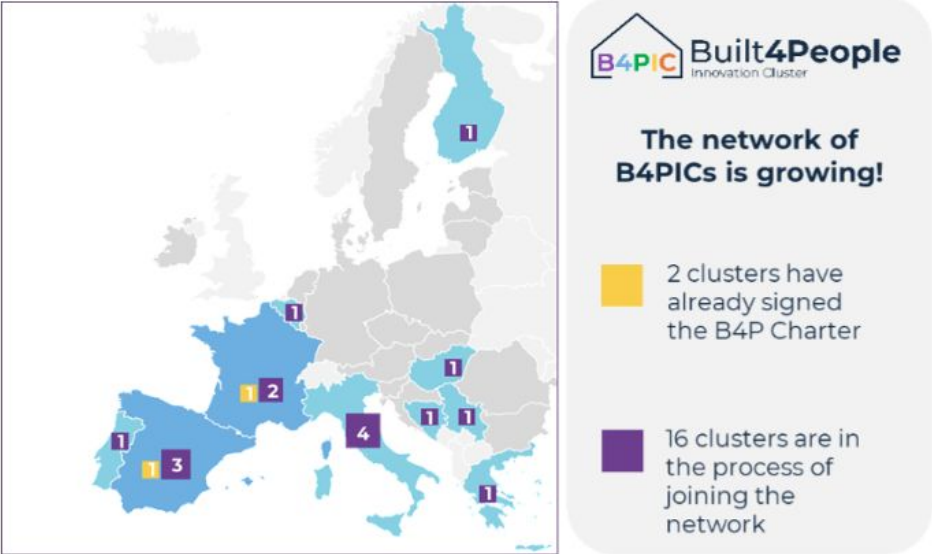
# Pitches from B4P Innovation Clusters



Raquel NIETO – EU Project Manager



Marcello CURCI – EU Project Manager



Funded by the European Union



**B4P Innovation Clusters / NEB webinar series**

June 7, 2024



## CMD – MORE THAN 20 YEARS AT THE SERVICE OF COMPANIES

- The Galicia Wood and Design Cluster (CMD) was created in 2001.
- The CMD represents the Wood value chain in the region of Galicia, including
  - Forest Management companies
  - Sawmills
  - CLT and HD Boards Industries
  - Paper Pulp and paper
  - Furniture and Contract canal
- The CMD includes among its members Research centers and the University of Santiago de Compostela.
- The Cluster acts
  - On the one hand, as a horizontal link between its members to promote their participation in projects at the European, national and regional level
  - On the other hand, the CMD acts as a vertical link between the wood sector and policy makers.
- In 2014, the CMD was awarded with the Gold Label for the excellence in management.
- The CMD is an official member of the NEB Initiative
- We are moving forward to be part of the Build4people Meta cluster.



## CALL FOR PROPOSAL

Call for proposal	Objectives	CMD + Members interested in participating	Our Contribution	References
<b>Design for adaptability, re-use and deconstruction of buildings, in line with the principles of circular economy (RIA)</b>	<ul style="list-style-type: none"> <li>Develop innovative solutions oriented to deconstruction and reuse construction element</li> </ul>	<ul style="list-style-type: none"> <li>CMD</li> <li>Research Centre</li> <li>Furniture Industry</li> </ul>	<ul style="list-style-type: none"> <li>Eco-design solutions</li> <li>Life-cycle app solution</li> </ul>	<ul style="list-style-type: none"> <li>HE oriented to deconstruction and reuse construction element</li> <li>Regional Project to recycling Wood element</li> <li>National project to develop an APPT to evaluate carbon footprint</li> </ul>
<b>Industrialisation of sustainable and circular deep renovation workflows</b>	<ul style="list-style-type: none"> <li>Improve the EE in the Wood-building / -Industry sector</li> </ul>	<ul style="list-style-type: none"> <li>CMD</li> <li>Research Centre</li> <li>Wood Industry</li> </ul>	<ul style="list-style-type: none"> <li>Technology development to reduce energy consumption</li> </ul>	<ul style="list-style-type: none"> <li>National and Regional projects oriented to renewable energy and energy efficiency</li> </ul>
<b>BIM-based processes and digital twins for facilitating and optimising circular energy renovation</b>	<ul style="list-style-type: none"> <li>Reduce time and costs in the building construction</li> </ul>	<p>CMD Research Centre Wood Industry</p>	<ul style="list-style-type: none"> <li>Solutions based on BIM and Digital Twins oriented to building life cycle from design to deconstruction/reuse</li> </ul>	<ul style="list-style-type: none"> <li>Experience in Erasmus+ Project oriented to promote Digital Twin in vocational centre</li> <li>National Project in boosting BIM solutions in the Wood construction</li> </ul>

## We Are Looking For

- Experienced partners, interested in participating with us in these projects
- We offer our HR' expertise
- Our contribution will be in line to provide support to the leaders of these projects in the framework of our region

## Please, contact us

### **Cluster da Madeira e o Deseño de Galicia (CMD)**

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Leading  
the sustainable way

**Marcello Curci**  
**EU Project Manager**

**7<sup>th</sup> June 2024**  
**B4P InfoDay and Matchmaking Event**



# About us



**Non-profit cluster and consultancy based in the Province of Trento (Italy) since 2006** and recognized by the Italian Ministry of University and Research.



**118 cluster members (SMEs + public entities)** and an internal **staff of environmental and green building experts.**



**Goal:** driving **sustainability** in the **built environment** and enhancing **innovation** in the fields of construction, energy and smart technologies.

# Achievements



Certified B Corp (2014) and **Benefit Corporation (2022)**



Promoter and founder of **Green Building Council Italia (2008)**



**800+** sustainable building **projects** since 2008



**10 EU projects** as a partner (2013-to date)



# Habitech cluster members



**39%** Construction sector

(Design services, construction operations, materials and components, dry construction)

**27%** Energy

(Systems installers, energy providers, ESCOs)

**13%** Research and public entities

**11%** ICT

**10%** Environmental Technologies & Services



# Habitech technical services for the built environment

## Green building rating systems

LEED, BREEAM, WELL, Level(s), ARCA, and more



## Decarbonization services

Building LCA-LCC, Energy-Net Zero Audit, Corporate Carbon Footprint



## ESG and EU Taxonomy



## Green products assessment

Industry and manufacturing products





# Habitech expertise In EU R&I projects

Customized technical services and cross-cutting activities deployed to reach the project results:

- **Sustainable assessment of buildings and compliance analysis** based on green rating systems
- Involvement of **cluster members** based on their specific expertise
- **Training and stakeholder** engagement
- **Event management, Communication & Dissemination**

## EU projects portfolio





# ARV – Climate Positive Circular Communities

## Habitech's main tasks in the project

- **Trento demo leader**, leading new construction and renovation activities with **3 cluster members** from the local wood value chain
- Leader of the **community engagement activities** (Trento Living Lab and One Stop Shop approach for home renovations)





# B4P Call for proposals

## Topic

**Design for adaptability, re-use and deconstruction of buildings, in line with the principles of circular economy (RIA)**

**Industrialisation of sustainable and circular deep renovation workflows**

## Possible contribution

- Guidelines on circularity and reuse in line with green building protocols and Level(s)
- Life Cycle Assessment
- Guidelines for energy performance and IEQ measurement/assessment
- Cluster members from the wood value chain/prefab-kits manufacturers

## References

- Greenmap programme
- Decarbonization services
- “Renew Wall” local research project
- H2020 ARV Project
- Build-in-Wood project



# Partners we are looking for

- Experienced partners interested in project coordination
- Demo owners/leaders for testing technologies/approaches
- Technology providers

# Our contribution

- Sustainability assessment, technical guidelines and analysis for the whole building lifecycle
- Contribution from SSH
- Local value chain approach (cluster members) when applicable

# Contact us!

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[www.habitech.it/en](http://www.habitech.it/en)



# Greenet



The network of Horizon Europe Cluster 5  
National Contact Point.



# Cluster 5 GREENET Partner Search Tool

Built4People Info Day & Matchmaking Event 7 June 2024 – online



*The GREENET project has received funding from the EU Horizon Europe programme under Grant Agreement No 101069604*

**GREENET** is the international network of **National Contact Points (NCPs)** for Cluster 5 “Climate, Energy and Mobility”, supporting research and innovation activities for the Horizon Europe Framework Programme.

The GREENET network consists of 19 partner organisations from different EU Member States and Associated Countries.



- Website Demo (from NCP portal) <https://horizoneurope.ncpportal.eu/cluster-5>



- Register on the [GREENET Partner Search Tool - Info \(b2match.io\)](#)





# Greenet



The network of Horizon Europe Cluster 5  
National Contact Point.



# Thank you

**Get in touch:**

Frankie Borg: [frankie.borg@gov.mt](mailto:frankie.borg@gov.mt)

**Follow us:**



*The GREENET project has received funding from the EU Horizon Europe programme under Grant Agreement No 101069604*



***[Questions and Answers]***



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# Built4People - Summary of KPIs in MoU

KPI's on general objectives		KPI's on specific objectives				
GO1	<b>Generate holistic innovation in the built environment towards sustainability</b>	1.	R&I investment in the sustainable built environment area catalysed by the partnership	SO1	13.	# demonstrated innovative solutions and packages for sustainable construction and renovation
		2.	# innovative products/services/processes linked to sustainability that are catalysed by the partnership and number of jobs created	SO2	14.	# demonstrated innovative solutions for the sustainability of the built environment value chain
		3.	Contribution to the successful deployment of relevant EU instruments and frameworks	SO3	15.	# innovative services developed and demonstrated
		4.	# training programmes developed for the sustainable built environment	SO4	16.	# living labs established and involved in the partnership's projects
GO2	<b>Revitalise the sector through decarbonisation and sustainability transition</b>	5.	Energy savings (MWh)	SO5	17.	Total floor area and # buildings (residential or non-residential) directly involved in the partnership's projects demonstration activities
		6.	GHG emission reduction (tCO2e) / Pollution reduction	SO6	18.	# and type of heritage buildings involved in/enhanced by the partnership's projects, in line with the safeguarding of the historical environment and architectural values of the building stock
		7.	Share of reused/recycled materials used in construction (%)	SO7	19.	# building occupants and users involved in the partnership's projects demonstration activities
		8.	Share of buildings designed and constructed based on a life cycle approach.	SO8	20.	# people trained across the whole value chain in the deployment of innovative sustainable technologies, systems and methods
		9.	# buildings with on-site RES production	SO9		
		10.	# of workers trained on working methods and tools in the fields covering the B4P objectives	SO10		
GO3	<b>Induce lasting behavioural change towards sustainable living</b>	11.	Share of the EU population living and working in green neighbourhoods			
		12.	# of private and public building owners with sustainable behaviour in their building stock			



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