

# New European Bauhaus

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NEB Festival 2024

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**MISSIONS**



**Concrete solutions for our greatest challenges**

# NEW EUROPEAN BAUHAUS FACILITY

The NEB Facility will build on two pillars:

- A Research and Innovation component, based on Article 6(3)(a) of the Council Decision on the Horizon Europe Specific Programme. This component will be funded by Horizon Europe, covering actions ranging from fundamental research to testing and demonstration. The Research and Innovation component is anchored in the [Horizon Europe Strategic Plan 2025-2027](#) as a cross-cluster issue and will be integrated into the main Horizon Europe Work Programmes as a dedicated component.
- A roll-out component delivered through synergies with other EU Programmes, covering deployment and technical assistance, anchored also under the Strategic Plan 2025-2027, on the basis of Article 6(4) of the Horizon Europe Council Decision. The roll-out component will build on support from various programmes, around a set of commonly agreed topics and priorities that would be reflected in the programmes of the concerned EU funding sources.



## NEW EUROPEAN BAUHAUS CALLS

New governance models for the co-design and co-construction of public spaces in neighbourhoods by communities  
May 2024 - September 2024 HORIZON-MISS-2024-NEB-01-02

Addressing societal challenges such as climate change, energy poverty, the pandemic, ageing population or the increased societal divide will require to rethink the way we develop and live in our neighbourhoods. Therefore, it is key to empower people to take an active role in co-designing those spaces. Building on work carried out in previous projects, proposals will study, refine and validate existing engagement approaches, that allow residents, businesses, cultural organisations and local governments to co-design and co-create public spaces in neighbourhoods.

- **Dates:** May 2024 - September 2024
- **Budget:** EUR 8 million
- **For whom:** All eligible entities under Horizon Europe
- **Funding instrument:** Horizon Europe (HORIZON)
- **Type of call:** New European Bauhaus' dedicated call



## **EIT Community Co-Crete NEB: Local communities and public authorities building sustainable, beautiful and inclusive public space – 2025 July 2024 – October 2024 / Horizon Europe (HORIZON)**

The community-focused Co-create NEB Call for Proposals focuses on new solutions to boost the transformation of cities, rural and peri-urban areas. The overall purpose of this call for proposals is to support projects that allow people and communities to re-imagine communal spaces – bringing them closer to nature, building a shared sense of belonging and addressing local needs.

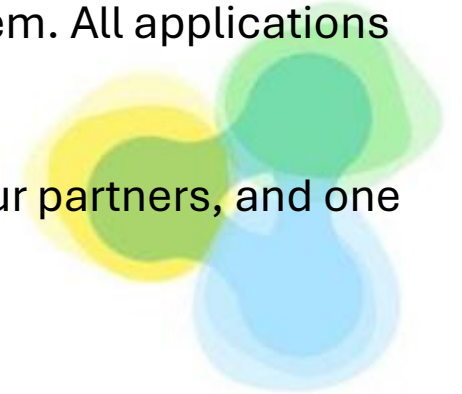
The EIT Community NEB is especially interested in receiving applications for projects that address challenges related to climate, urban mobility, food, and manufacturing.

Crucially, proposals must integrate the three core NEB values of sustainability, inclusivity, and aesthetics. The EIT Community NEB defines the following four challenge areas, based on thematic axes of the NEB.

Re-connecting with nature; Re-gaining sense of community and belonging; Prioritising places and the people that need them the most; The need for a long term, life cycle and integrated thinking in industrial ecosystem. All applications must address at least one of the EIT Community NEB challenge areas mentioned above.

All proposals must be composed of a consortium with a minimum of two and a maximum of four partners, and one must be a city, region or an entity affiliated with a city or region.

July 2024 – October 2024 / Budget: EUR **360,000** / All eligible entities under Horizon Europe



Digital solutions to foster participative design, planning and management of buildings, neighbourhoods and urban districts (Built4People Partnership) Sept 2024 – Jan 2025 (February 2025) HORIZON-CL5-2024-D4-02-05

## Type of call: **New European Bauhaus Contributing Call**

The **decarbonisation of the built environment and its adaptation to a changing climate and to societal needs in terms of comfort, accessibility, inclusiveness, and aesthetics** cannot happen without active participation of the buildings' users and occupants, individual / collective property owners, and energy communities as beneficiaries of the value chain. This topic focuses on the development of digital solutions for a stronger participation of end users, citizens and other relevant stakeholders in the design, planning and management of the renovation of existing buildings, neighbourhoods and / or districts.

• **Dates:** September 2024 – January 2025 (February 2025) / **Budget:** 5.000.000€ / 10.000.000€

• **Funding instrument:** Horizon Europe (HORIZON) [wp-8-climate-energy-and-mobility\\_horizon-2023-2024\\_en.pdf \(europa.eu\)](#)  
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### **Expected Outcome:**

Project results are expected to contribute to all of the following 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.



Digital solutions to foster participative design, planning and management of buildings, neighbourhoods and urban districts (Built4People Partnership) Sept 2024 – Jan 2025 (Feb 2025) HORIZON-CL5-2024-D4-02-05

Type of call: **New European Bauhaus Contributing Call**

Proposals are expected to address one or both of the following points:

- Digital solutions that facilitate participative design and planning through visualisation, analysis and engagement with data that is directly relevant to building users as well as citizens in the surrounding urban area (including e.g. immersive and interactive technologies, Virtual Reality / Augmented Reality, simulations and scenario modelling).
- Digital solutions that allow to analyse and model different scenarios for to-be-renovated buildings, neighbourhoods and / or districts in terms of energy use and generation; users' health and wellbeing; impact on the energy grid; provisions for active and electric mobility, and sustainable delivery solutions; life-cycle environmental and micro-climatic impacts, and; socio-economic impacts for citizens, building users, owners and occupiers.

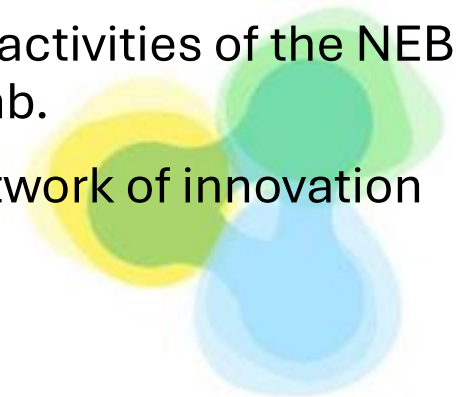
This topic requires the effective contribution of SSH disciplines and the involvement of SSH experts, institutions as well as the inclusion of relevant SSH expertise (including social innovation), in order to produce meaningful and significant effects enhancing the societal impact of the related research activities.

This topic implements the co-programmed European Partnership on 'People-centric sustainable built environment' (Built4People). As such, projects resulting from this topic will be expected to report on results to the European Partnership 'People-centric sustainable built environment' (Built4People) in support of the monitoring of its KPIs



**In addition, proposals are expected to address all of the following:**

- Address aspects of climate-neutrality and climate-resilience, respecting the 'energy efficiency first' principle.
- Ensure the digital solution complements, builds on and/or uses existing tools (including, where relevant, on conventional, low-tech ones) and standards recognised by the market.
- Engage citizens (seeking coverage of different genders and social characteristics), end users of the tools and other relevant stakeholders involved in the design, planning and management of urban development projects in the development process of the digital solution.
- Ensure the digital solution offers different means to exchange information and provide input that are tailored to the specific needs of laypersons, including vulnerable, minority and disadvantaged groups as well as persons with disabilities and older persons.
- Demonstrate the prototype in at least three real-life urban development projects to apply, evaluate and refine the digital solution and inform its market launch and / or commercialisation strategy.
- Ensure the project's dissemination activities include actions that contribute to the activities of the NEB Community, and to sharing information, best practices and results within the NEB Lab.
- Contribute to the activities of the Built4People partners and to the Built4People network of innovation clusters.



Systemic and cross-sectoral solutions for climate resilience, tailored to the local needs of regions and local authorities

## HORIZON-MISS-2024-CLIMA-01-09

Deadline: 18 September 2024 17:00 CET/ Budget: 9.000.000€ (27.000.000€)

Projects results are expected to contribute to all of the following expected outcomes:

- regions and communities are empowered and have actively participated to the development and testing of a range of transformative solutions, which are fit to **address local vulnerabilities and risks**.
- regional and local public administrations **increase their foresight capacity and anticipate and prepare better for climate disruptions**.
- cross-sectorial **climate resilience solutions**, which can systemically transform our society and support its **preparedness to climate change**, have been developed, tested and brought closer to the market.

Scope:

- Proposals should integrate multi-faceted technological, digital, business, governance and environmental aspects with social innovation into the development of solutions contributing to increase preparedness to changing climate for specific regions, cities or local communities. For example, they should assess and identify management solutions that best minimise and compensate the loss of ecosystem services (e.g., water cycling and cooling that were previously provided by soil and trees) while improving climate preparedness. The proposed solution should address climate risk identified as relevant at regional and local scale, with tailor-made responses and measures taking into account place-based data, socio-economic, identity characteristics, local governance and the regional sustainable and smart specialization strategies when available.




# Integrated peri-urban areas in the transition towards climate neutrality (IA)

## **HORIZON-MISS-2024-CIT-01-04** 17 Sept 2024 / 11 Febr 2025 17:00 CET

[EU Funding & Tenders Portal](#) | [EU Funding & Tenders Portal \(europa.eu\)](#)

**Expected Outcome:** Project results are expected to contribute to the Climate-neutral and Smart Cities Mission's objective of climate neutrality in at least 2 of the 4 domains listed below (Mobility, Energy, Industry, Governance) and give all the following outcomes:

### **Mobility:**

- Increase accessibility and connectivity of peri-urban areas by providing inclusive, suitable and affordable alternatives with:
    - 30% increase of sustainable transport modes, providing diversity of the transport offer, especially with regards to ensuring mass-transit, including among others energy-efficient shared and/or on-demand mobility services
    - 20% reduction of GHG emissions
    - 20% Improvement of air quality and noise reduction
    - 30% Reduction of urban road congestion whilst increasing the accessibility for both passengers and freight, and the reliability, predictability and efficiency of travel times and transport operations
    - 30% reduction of human health effects due to exposure to transport pollution
  - Improved transport peri-urban network performance and transport connectivity through enhanced interoperability and multimodality;
  - Improved access to/from commercial and health services, educational establishments, businesses, leisure and recreational facilities for the inhabitants of peri-urban areas;
  - Inclusive mobility solutions that respond to the needs of all peri-urban inhabitants, irrespective of their age, gender, economic or social status, which are co-designed with all the relevant stakeholders (including, local and regional authorities, settled populations, in-migrants, transient workers, developers, entrepreneurs, etc.), and then tested and implemented in the identified peri-urban areas, which could have a geographical coverage that goes as far as the full functional urban area;
  - Improved safety particularly for vulnerable road users;
  - Optimize and improve the use of the existent infrastructure (following the principle of re-use and circularity);
  - Integrated land-use and transport planning models and policies.
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## Energy:

- Improved and decarbonized energy grids with economic & social benefits to peri-urban areas thanks to the vicinity of the city;
- Business models, and technological solutions and/or guidance for setting up local energy communities, with RES and energy storage infrastructure co-financed by peri-urban dwellers, industrial actors and proceeds from energy sales or ancillary service provision (e.g. storage) to the city grid and/or heating and cooling networks. Together with electricity sharing leading to reduction of electricity prices for the community members, counter energy poverty, reduce fossil fuel use and facilitate sustainable mobility;
- Business models and/or guidance for energy generation (biomethane, electricity, biofuels) from agricultural waste, second generation bioenergy crops and technologies such as ground mounted solar or agrivoltaics in rural dominated peri-urban areas. They should include also thermal storage systems (seasonal STES, shorter term UTES etc) and thermal energy generation technologies (e.g. solar thermal, geothermal, etc.) for heating and cooling.

## Industry:

- Reduction of GHG emissions (CO<sub>2</sub>, methane from waste/wastewater, fluorinated gas, refrigerants) in industries located in peri-urban areas, supporting the 55% reduction goal for 2030;
- 25% improved energy efficiency in industrial processes;
- 30% increase in deployment of strategic net-zero technologies, such as solar (PV and thermal, wind, hydrogen, batteries and storage (incl. thermal energy storage), heat pumps and geothermal energy, electrolyzers and fuel cells, biogas/biomethane, carbon capture and storage (CCS), and grid technologies, notably for energy-intensive industries located in peri-urban areas;
- Reinforce the green transition of industry, through Local Green Deals, i.e., mutual agreements between city authorities and local businesses and industry and citizens associations to support the territorial sustainability agenda in the peri-urban areas;
- 25% enhanced recycling in industrial processes and materials reuse, including construction materials and demonstration and optimisation of recycling facilities for industries and processes located in peri-urban areas.

## Governance:

- Capacity building (such as training courses and awareness raising activities) among local authorities, users and mobility systems providers, energy and industry stakeholders to accelerate the take-up of shared, smart and zero emission solutions and to implement their monitoring and evaluation;
- Support the development of planning and implementation skills, policy implementation/infrastructure investment impact assessment and funding aspects;
- Better integration of peri-urban areas into the current spatial/land-use/transport/landscape planning;
- Integration of development strategies with planning and regulatory documentations across different administrative levels/scales/territorial units, at least from local level to regional level).

Thank you for your attention

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Questions?

