

NEB Facility Questionnaire

Fields marked with * are mandatory.

Introduction

Thank you for taking the time to answer this questionnaire on the New European Bauhaus (NEB) Facility.

The New European Bauhaus is a policy and funding initiative that strives for creating beautiful, sustainable, and inclusive places, products and ways of living. It connects the European Green Deal to our living spaces and experiences and enhances the sustainable competitiveness agenda through the construction sector, new/advanced materials and a move towards more circular and bio-based products including in other sectors like textiles.

The broad objective of the New European Bauhaus is to revitalise European neighbourhoods with design for sustainability and inclusion. The purpose of this consultation is to understand the concrete needs on the ground and to gather the most cutting-edge ideas required to transform the built environment.

Before proceeding to the questions, please take a moment to read through the [scoping document](#) outlining the NEB Facility (always available on the right sidebar under "Background Documents"). This document contains important information that will help you frame the questions and prepare your responses accordingly.

This consultation will benefit from your unique perspective and expertise. The input you share will help us develop the roadmap that will guide the implementation of the NEB Facility for the period 2025-2027, defining the objectives and activities under both the research & innovation and roll-out components of the NEB Facility.

Please also read the [Privacy Statement on the Protection of your Personal Data](#) before proceeding to the questions.

I have read and understand the privacy statement above.

I consent to the processing and presentation of my personal data in an aggregated, summary or pseudonymized format for the purposes of the development and publication of a roadmap for the NEB Facility 2025-2027 by the JRC unit B4 and in line with the attached privacy statement.

- Yes
- No

While you are encouraged to respond to every section of the questionnaire, do not feel obligated to answer questions that you personally find inapplicable or for which you have little to add.

You have until 17 September 2024 to submit your answers.

Many thanks in advance for your input!

Research & Innovation component of the NEB Facility

The *Research & Innovation* component of the NEB Facility will cover fundamental research, testing and demonstration. It will be funded through Horizon Europe, with an indicative budget of €120 million per year for the period 2025-2027. The input you provide will help to develop a plan that is tailored to the most relevant research areas.

General Aspects

For each of the focus areas below, please assign a priority level from 1 to 5 (i.e. how much effort and budget to dedicate), with 1 being “not a priority” and 5 being “extremely high priority”.

Focus areas for *research & innovation*

	1 Not a priority	2 Somewhat a priority	3 Priority	4 High priority	5 Extremely high priority
Connecting the green transformation, social inclusion and local democracy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Circular and regenerative approaches for the built environment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Innovative funding and new business models for transformation of neighbourhoods	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Would you add any other focus areas?

Focus area 1: ‘Connecting the green transformation, social inclusion, and local democracy’

Focus area 1 is 'Connecting the green transformation, social inclusion and local democracy' (see the guidance document for further details).

Please indicate for each related research & innovation themes below whether you believe it should be:

- a research and innovation action (RIA) that establishes new knowledge or explores a new or improved technology, product, process, service or solution;
- an innovation action (IA) that produces plans or designs for new or improved products, processes or services including prototyping, testing, demonstrating, piloting, large-scale product validation and market replication; or
- a coordination and support action (CSA) that improve cooperation among EU and associated countries including, for example, standardization, dissemination, awareness-raising, communication and networking activities, policy dialogues, mutual learning or studies.

1. Develop and test innovative methods (e.g. user-centric services and digital platforms) to foster a sense of community in neighbourhoods

- Research and innovation action
- Innovation action
- Coordination and support action

Could you specify what could be the research topics necessary under this theme? If relevant, feel free to also specify the technology-readiness levels (TRL) you would envision.

2. Develop and test innovative methods to foster sustainable and inclusive behaviours

- Research and innovation action
- Innovation action
- Coordination and support action

Could you specify what could be the research topics necessary under this theme? If relevant, feel free to also specify the technology-readiness levels (TRL) you would envision.

3. New models of organisation and social infrastructure within neighbourhoods to stimulate inclusive and active communities

- Research and innovation action
- Innovation action
- Coordination and support action

Could you specify what could be the research topics necessary under this theme? If relevant, feel free to also specify the technology-readiness levels (TRL) you would envision.

4. The use of technologies such as artificial intelligence or virtual reality to involve citizens in decision-making processes

- Research and innovation action
- Innovation action
- Coordination and support action

Could you specify what could be the research topics necessary under this theme? If relevant, feel free to also specify the technology-readiness levels (TRL) you would envision.

5. Assessing the impact and transformative potential of participatory practices and alternative governance models

- Research and innovation action
- Innovation action
- Coordination and support action

Could you specify what could be the research topics necessary under this theme? If relevant, feel free to also specify the technology-readiness levels (TRL) you would envision.

6. Investigate how design of public spaces and services in neighbourhoods can enhance community involvement and further democratic values.

- Research and innovation action
- Innovation action
- Coordination and support action

Could you specify what could be the research topics necessary under this theme? If relevant, feel free to also specify the technology-readiness levels (TRL) you would envision.

7. Exploring strategies for meaningful community engagement in the design and construction process

- Research and innovation action
- Innovation action
- Coordination and support action

Could you specify what could be the research topics necessary under this theme? If relevant, feel free to also specify the technology-readiness levels (TRL) you would envision.

8. Exploring the role of emotions in creating a sense of belonging and agency, including how they can be the target of policy initiatives

- Research and innovation action
- Innovation action
- Coordination and support action

Could you specify what could be the research topics necessary under this theme? If relevant, feel free to also specify the technology-readiness levels (TRL) you would envision.

9. The role of culture and the creative industry in creating citizens' positive perception about the transformations brought by the green transition

- Research and innovation action
- Innovation action
- Coordination and support action

Could you specify what could be the research topics necessary under this theme? If relevant, feel free to also specify the technology-readiness levels (TRL) you would envision.

Are there any other topics you see as necessary under this Destination?

Are there any themes of the above list that you see as **not** being relevant under this Destination? If so, please specify which one and briefly explain why.

Focus area 2: 'Circular and regenerative approaches for the built environment'

Focus area 2 is 'Circular and regenerative approaches for the built environment' (see the attached document).

Please indicate for each related *research & innovation* themes below whether you believe it should be:

- a research and innovation action (RIA) that establishes new knowledge or explores a new or improved technology, product, process, service or solution;
- an innovation action (IA) that produces plans or designs for new or improved products, processes or services including prototyping, testing, demonstrating, piloting, large-scale product validation and market replication; or
- a coordination and support action (CSA) that improve cooperation among EU and associated countries including, for example, standardization, dissemination, awareness-raising, communication and networking activities, policy dialogues, mutual learning or studies.

1. Designs for modular, adaptable and multi-purpose buildings and public spaces

- Research and innovation action
- Innovation action
- Coordination and support action

Could you specify what could be the research topics necessary under this theme? If relevant, feel free to also specify the technology-readiness levels (TRL) you would envision.

2. Innovative bio-based regenerative construction materials for structural and exterior architecture

- Research and innovation action
- Innovation action
- Coordination and support action

Could you specify what could be the research topics necessary under this theme? If relevant, feel free to also specify the technology-readiness levels (TRL) you would envision.

3. Better collection, structuring, processing and use of data to increase circularity in buildings

- Research and innovation action
- Innovation action
- Coordination and support action

Could you specify what could be the research topics necessary under this theme? If relevant, feel free to also specify the technology-readiness levels (TRL) you would envision.

4. Innovative use of by-products and secondary bio-based materials (including re-claimed wood)

- Research and innovation action
- Innovation action
- Coordination and support action

Could you specify what could be the research topics necessary under this theme? If relevant, feel free to also specify the technology-readiness levels (TRL) you would envision.

5. Social, aesthetic, and economic impacts of carbon-sequestering materials in the built environment

- Research and innovation action
- Innovation action
- Coordination and support action

Could you specify what could be the research topics necessary under this theme? If relevant, feel free to also specify the technology-readiness levels (TRL) you would envision.

6. Artificial Intelligence for making the regenerative construction more affordable

- Research and innovation action
- Innovation action
- Coordination and support action

Could you specify what could be the research topics necessary under this theme? If relevant, feel free to also specify the technology-readiness levels (TRL) you would envision.

7. Innovative methods to facilitate collaboration among architects, designers, engineers, artists and other stakeholders

- Research and innovation action
- Innovation action
- Coordination and support action

Could you specify what could be the research topics necessary under this theme? If relevant, feel free to also specify the technology-readiness levels (TRL) you would envision.

8. Regenerative designs for buildings and public spaces

- Research and innovation action
- Innovation action
- Coordination and support action

Could you specify what could be the research topics necessary under this theme? If relevant, feel free to also specify the technology-readiness levels (TRL) you would envision.

9. Exploring synergies between art, creative industries and culture and the built environment

- Research and innovation action
- Innovation action
- Coordination and support action

Could you specify what could be the research topics necessary under this theme? If relevant, feel free to also specify the technology-readiness levels (TRL) you would envision.

Are there any other topics you see as necessary under this Destination?

Are there any themes of the above list that you see as **not** being relevant under this Destination? If so, please specify which one and briefly explain why.

Focus area 3: 'Innovative funding and new business models for the built environment'

Focus area 3 is 'Innovative funding and new business models for the built environment' (see the attached document).

Please indicate for each related *research & innovation* themes below whether you believe it should be:

- a research and innovation action (RIA) that establishes new knowledge or explores a new or improved technology, product, process, service or solution;
- an innovation action (IA) that produces plans or designs for new or improved products, processes or services including prototyping, testing, demonstrating, piloting, large-scale product validation and market replication; or
- a coordination and support action (CSA) that improve cooperation among EU and associated countries including, for example, standardization, dissemination, awareness-raising, communication and networking activities, policy dialogues, mutual learning or studies.

1. Market dynamics, incentives, risks, and barriers affecting the adoption of more circular and sustainable building practices

- Research and innovation action
- Innovation action
- Coordination and support action

Could you specify what could be the research topics necessary under this theme? If relevant, feel free to also specify the technology-readiness levels (TRL) you would envision.

2. New strategies to make sustainable and inclusive built environment projects both attractive and affordable for investors

- Research and innovation action
- Innovation action
- Coordination and support action

Could you specify what could be the research topics necessary under this theme? If relevant, feel free to also specify the technology-readiness levels (TRL) you would envision.

3. Understanding what non-economic factors trigger investors to cover costs associated with sustainable, regenerative and inclusive construction projects and to overcome the perceived risks?

- Research and innovation action
- Innovation action
- Coordination and support action

Could you specify what could be the research topics necessary under this theme? If relevant, feel free to also specify the technology-readiness levels (TRL) you would envision.

4. Innovative supply chains that transform waste materials into high-quality secondary construction materials and products

- Research and innovation action
- Innovation action
- Coordination and support action

Could you specify what could be the research topics necessary under this theme? If relevant, feel free to also specify the technology-readiness levels (TRL) you would envision.

5. Measuring the social and economic value of aesthetically pleasing inclusive and sustainable built environment projects

- Research and innovation action
- Innovation action
- Coordination and support action

Could you specify what could be the research topics necessary under this theme? If relevant, feel free to also specify the technology-readiness levels (TRL) you would envision.

6. Innovative policy and regulatory frameworks to support and incentivize sustainable, circular and regenerative built environment

- Research and innovation action
- Innovation action
- Coordination and support action

Could you specify what could be the research topics necessary under this theme? If relevant, feel free to also specify the technology-readiness levels (TRL) you would envision.

7. Standards, metrics and indicators to measure the impact of circular and regenerative approaches

- Research and innovation action
- Innovation action
- Coordination and support action

Could you specify what could be the research topics necessary under this theme? If relevant, feel free to also specify the technology-readiness levels (TRL) you would envision.

8. Economic models for investment in regenerative built environment projects that embed inclusion and aesthetics

- Research and innovation action
- Innovation action
- Coordination and support action

Could you specify what could be the research topics necessary under this theme? If relevant, feel free to also specify the technology-readiness levels (TRL) you would envision.

9. New business models that incorporate circular economy principles, life cycle thinking, and sustainable practices

- Research and innovation action
- Innovation action
- Coordination and support action

Could you specify what could be the research topics necessary under this theme? If relevant, feel free to also specify the technology-readiness levels (TRL) you would envision.

10. Development of the philanthropic capital market in Europe

- Research and innovation action
- Innovation action
- Coordination and support action

Could you specify what could be the research topics necessary under this theme? If relevant, feel free to also specify the technology-readiness levels (TRL) you would envision.

11. Assess the skills investment needs as well as job creation potential for building renovation, repurposing, repair and regenerative construction methods

- Research and innovation action
- Innovation action
- Coordination and support action

Could you specify what could be the research topics necessary under this theme? If relevant, feel free to also specify the technology-readiness levels (TRL) you would envision.

12. Innovative models for strengthening education and skilling in SMEs

- Research and innovation action

- Innovation action
- Coordination and support action

Could you specify what could be the research topics necessary under this theme? If relevant, feel free to also specify the technology-readiness levels (TRL) you would envision.

Are there any other topics you see as necessary under this Destination?

Are there any themes of the above list that you see as **not** being relevant under this Destination? If so, please specify which one and briefly explain why.

Do you have any other reflections, ideas or suggestions you would like to share with us on the research & innovation component of the NEB Facility?

Roll-out component of the NEB Facility

The roll-out component will scale up, deploy and implement the innovative solutions, business models, etc., resulting from the *Research & Innovation* component. It will also serve to identify additional R&I areas on the ground. The roll-out component will be delivered through investments across different EU Programmes. It will also include all the actions delivered under different EU programmes contributing to the goals of the NEB Facility and particularly the implementation of the New European Bauhaus values and principles at the neighbourhood level. By gathering your views and needs, we seek to tailor it in the most appropriate way.

Please indicate whether you believe the roll-out component should focus its action on the below areas or not.

1. Renovation and repurposing of the built environment (building and spaces)

- yes
- I don't know
- no

Could you specify what type of action would you like to see financed under this item?

2. A sustainable, circular and affordable built environment

- yes
- I don't know

no

Could you specify what type of action would you like to see financed under this item?

3. Integration of renewable energy sources and improved energy efficiency in the built environment in aesthetically pleasant way

- yes
 I don't know
 no

Could you specify what type of action would you like to see financed under this item?

4. Regeneration of neighbourhoods in co-creation with communities

- yes
 I don't know
 no

Could you specify what type of action would you like to see financed under this item?

5. Networks for exchanges of knowledge and best practices among neighbourhoods

- yes
 I don't know
 no

Could you specify what type of action would you like to see financed under this item?

6. Resilient, accessible and sustainable local and natural cultural heritage

- yes
 I don't know
 no

Could you specify what type of action would you like to see financed under this item?

7. Protection, preservation, and re-purposing of local cultural heritage

- yes
 I don't know

no

Could you specify what type of action would you like to see financed under this item?

8. Skilling and re-skilling of workers in the construction ecosystem for the sustainable transformation of neighbourhoods using the NEB Academy hubs

- yes
- I don't know
- no

Could you specify what type of action would you like to see financed under this item?

9. New approaches to education and skilling

- yes
- I don't know
- no

Could you specify what type of action would you like to see financed under this item?

10. Promotion of social entrepreneurship for the revitalisation of neighbourhoods

- yes
- I don't know
- no

Could you specify what type of action would you like to see financed under this item?

11. Accessible and inclusive buildings and public spaces

- yes
- I don't know
- no

Could you specify what type of action would you like to see financed under this item?

12. Promoting social inclusion through the revitalisation of neighbourhoods in coastal and rural areas.

- yes
- I don't know

no

Could you specify what type of action would you like to see financed under this item?

13. Community of practice on NEB

- yes
 I don't know
 no

Could you specify what type of action would you like to see financed under this item?

14. Public-private cooperation for the regeneration of neighbourhoods

- yes
 I don't know
 no

Could you specify what type of action would you like to see financed under this item?

15. Innovative funding for neighbourhood regeneration and local cultural heritage projects

- yes
 I don't know
 no

Could you specify what type of action would you like to see financed under this item?

16. Mobilising investment in the NEB at international level

- yes
 I don't know
 no

Could you specify what type of action would you like to see financed under this item?

Are there any actions of the above list that you see as **not** being relevant for the roll-out component? If so, please specify which one and briefly explain why.

Do you have any other reflections, ideas or suggestions you would like to share with us on the roll-out component of the NEB Facility?

Final Thoughts

Considering the NEB Facility's overall objective of revitalising European neighbourhoods with design for sustainability and inclusion, what would you expect it to deliver concretely over the next three years?

Do you have any other comments or suggestions on the NEB Facility?

Profile of the respondent

Name and surname

Country of residence

E-mail address

I am submitting inputs:

- as an individual
- on behalf of my organisation

Name of your organisation (if applicable)

What kind of organisation is it?

- Academia / research institution
- Public authority
- NGO
- Private sector
- Social partner
- Other

If you selected "other" above, please specify.

What is the main focus of your organisation?

- Architecture
- Engineering
- Design
- Research
- Art
- Social
- Public sector
- Policy making
- Teaching
- Other

If you selected "other" above, please specify.

What level does your organization predominantly work at?

- Local
- Regional
- National
- EU
- Global

Thank you

We greatly appreciate your feedback, thank you for putting in the time and effort to share your valuable perspective with us.

Background Documents

[Privacy Statement](#)

[Scoping Document](#)

Contact

[Contact Form](#)

