

Möjligheter inom klimatomställning KI. 14:00-14:45

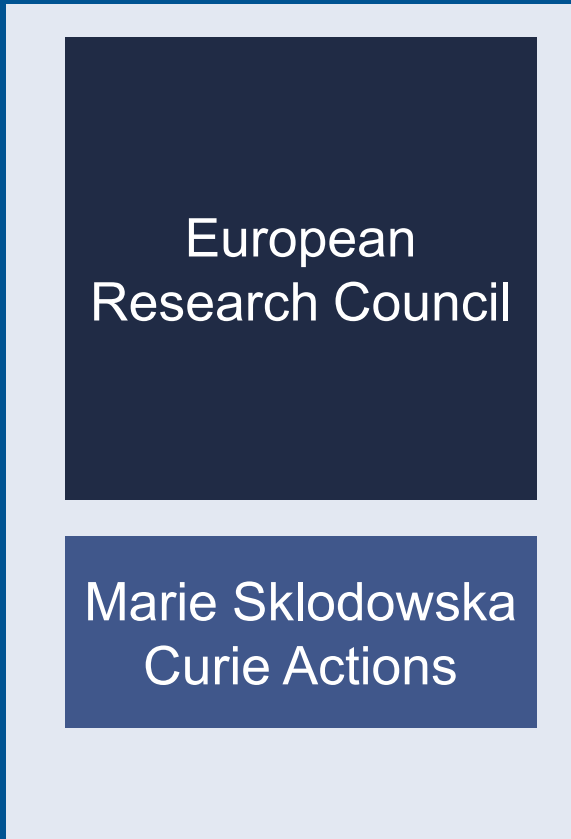
Möjligheter inom klimatomställningen



Pillar 1

Scope Excellent science

Target group Researchers, universities

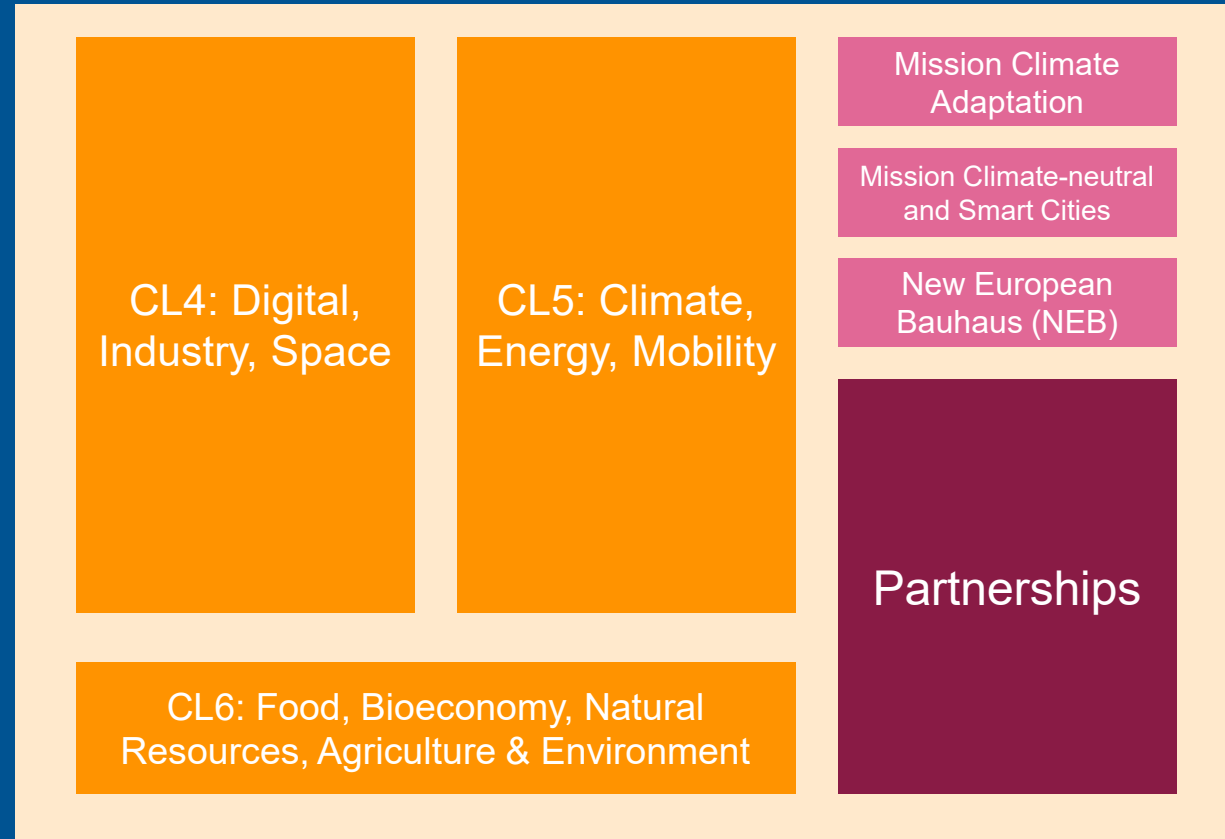


Budget € 25,0 bn

Pillar 2

Global challenges and industrial competitiveness

All actors



€ 53,5 bn

Pillar 3

Innovative Europe

Researchers, SMEs



€ 13,6 bn

Pillar 1

Scope Excellent science

Target group Researchers, universities

European Research Council

Marie Skłodowska Curie Actions

Budget € 25,0 bn

Pillar 2

Global challenges and industrial competitiveness

All actors

CL4: Digital, Industry, Space

CL5: Climate, Energy, Mobility

CL6: Food, Bioeconomy, Natural Resources, Agriculture & Environment

Mission Climate Adaptation

Mission Climate-neutral and Smart Cities

New European Bauhaus (NEB)

Partnerships

€ 53,5 bn

Pillar 3

Innovative Europe

Researchers, SMEs

European Innovation Council
(Pathfinder, Transition, Accelerator, STEP)

European Innovation Ecosystems
(for regions)

€ 13,6 bn

Cluster 5

European
Research Council

Marie Skłodowska
Curie Actions

CL4: Digital,
Industry, Space

CL5: Climate,
Energy, Mobility

CL6: Food, Bioeconomy, Natural
Resources, Agriculture & Environment

Mission Climate
Adaptation

Mission Climate-neutral
and Smart Cities

New European
Bauhaus (NEB)

Partnerships

**European
Innovation
Council**
(Pathfinder,
Transition,
Accelerator,
STEP)

**European
Innovation
Ecosystems**
(for regions)

Cluster 5 – Destinations

Accelerating green and digital transformation of economy, industry and society achieving climate neutrality in Europe by 2050



Destination 1
Climate sciences and responses for the transformation towards climate neutrality



Destination 2
Cross-sectoral solutions for the climate transition



Destination 3
Sustainable, secure and competitive energy supply



Destination 4
Efficient, sustainable and inclusive energy use



Destination 5
Clean and competitive solutions for all transport modes



Destination 6
Safe Resilient Transport and Smart Mobility services for passengers and goods

[Cluster 5: Climate, Energy and Mobility - European Commission \(europea.eu\)](https://europea.eu)

Examples of themes within cluster 5 calls

- **Destination 1:** Research and innovation to understand climate change and develop solutions to address it.
- **Destination 2:** Cross-sectoral solutions that support the climate transition, including policy development and community engagement.
- **Destination 3:** Development of sustainable and competitive energy solutions that reduce dependence on fossil fuels.
- **Destination 4:** Promotion of energy efficiency and sustainable energy use in various sectors.
- **Destination 5:** Innovations to make all modes of transport cleaner and more competitive.
- **Destination 6:** Development of safe and smart mobility services for both passengers and goods.



Partnerships related to climate-neutrality

Cluster 5

Clean Hydrogen

Cooperative, Connected
and automated Mobility,
(CCAM)

Clean Aviation

Batteries

Europe's Rail

Zero-emissions
Waterborne Transport

Zero-emission Road
Transport (2ZERO)

People-centric
Sustainable Built
Environment

Clean Energy
Transition

Driving Urban
Transitions

Cluster 4 & 6

Clean Steel – Low
Carbon Steelmaking

Climate Neutral, Sustainable
and Productive Blue
Economy

<https://www.era-learn.eu/>

Institutional Partnerships

Co-Programmed

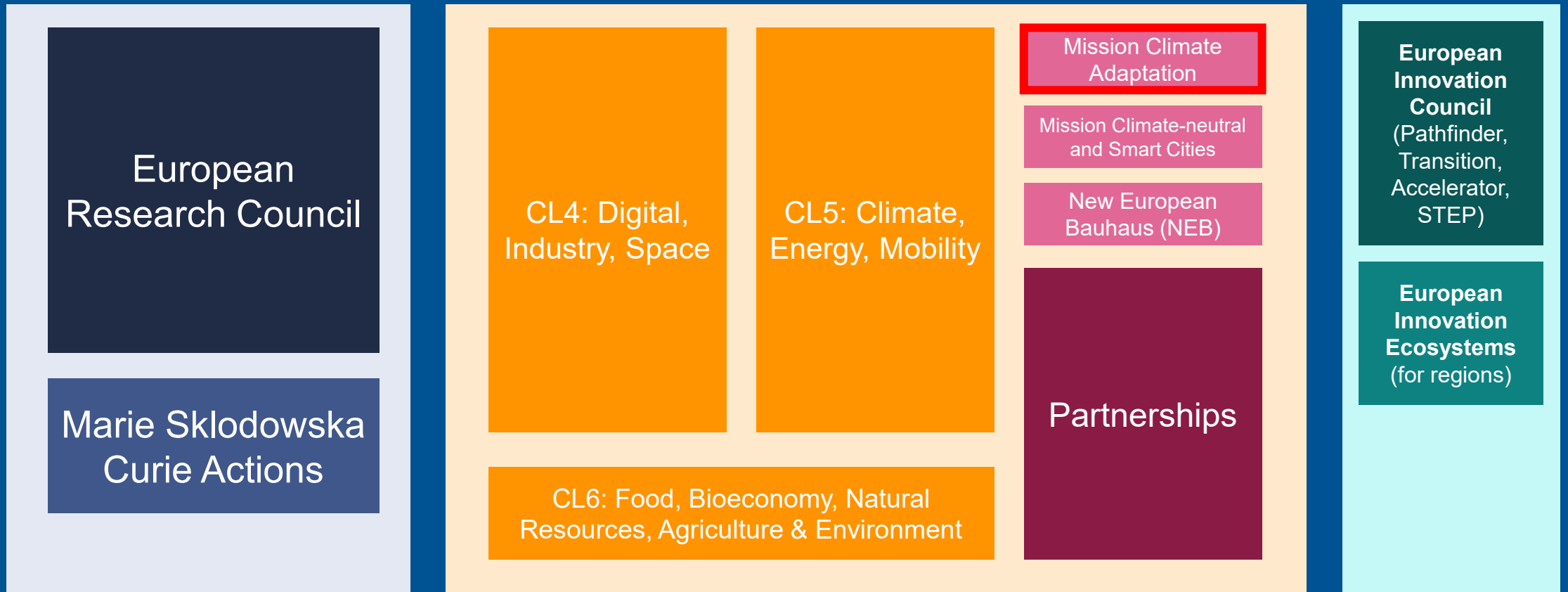
Co-Funded

Cluster 5 Info Day

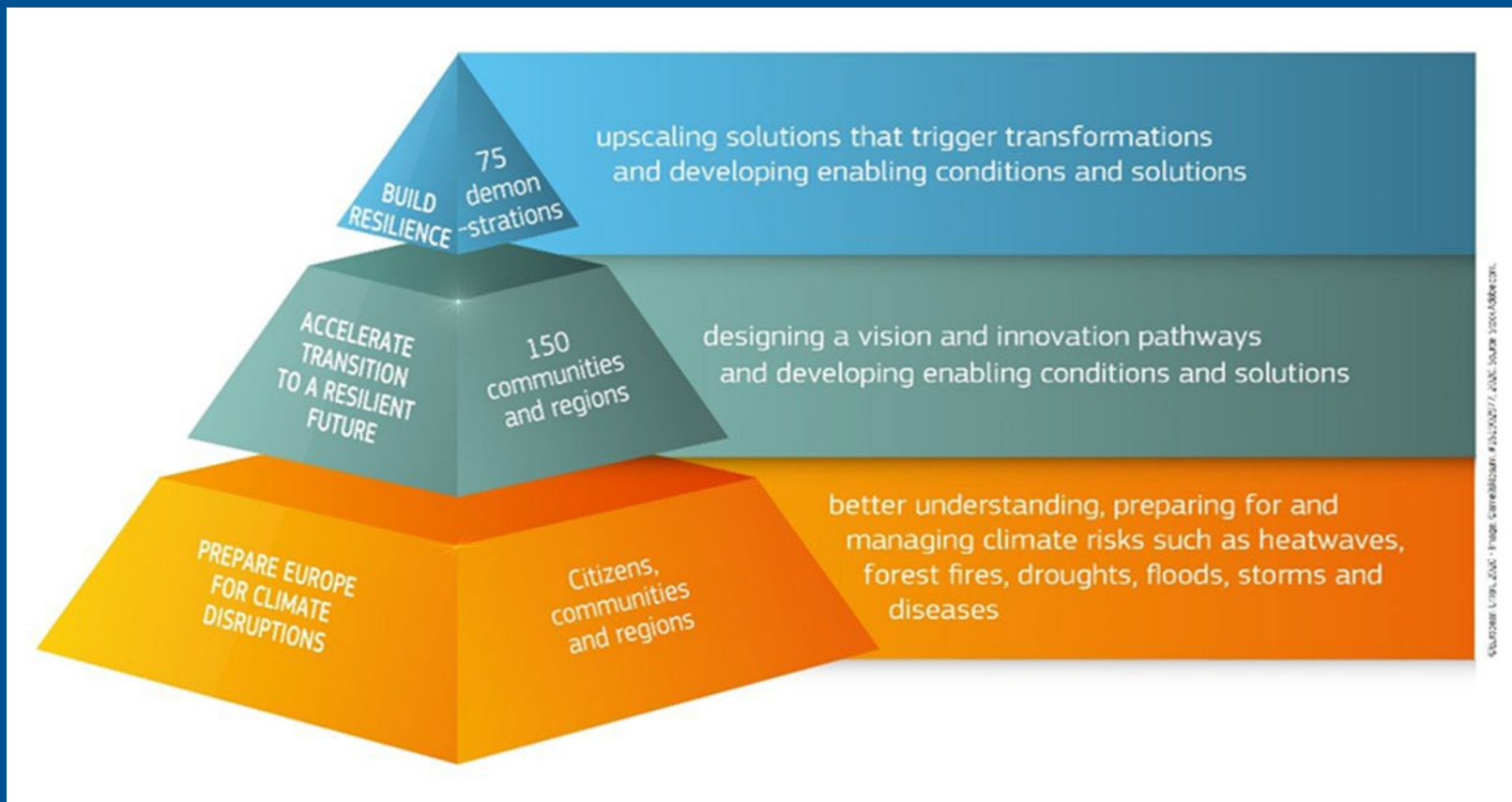
- **6 May 2025 9:00 – 16:00**
Registration for onsite participation **closes on 31 March 2025** [Register here](#)
Online participation: [Events | The research and innovation community platform](#)
- **Onsite brokerage event 16:00 to 19:00**
Registration for the brokerage event is open until 11 April.
[More information and registration for the brokerage event](#)
- **National Cluster 5 online info sessions:**
15 May 13:00-14:00 cluster 5
22 May 10:00-11:00 cluster 5 Societal Readiness
[Möten och samverkansarenor | Vinnovas kalendarium | Vinnova](#)



Mission Climate Adaptation



Mission on Climate Adaptation



The Mission's objective is to accompany by 2030 at least 150 European regions and communities towards climate resilience.

Scope of open calls and activities

Support actions

Demonstration
projects

Projects for
unlocking scale

Consider applying?

Information

Information about upcoming calls

- Swedish NCP host event 30th April 10:00-11:00.
- European Commission host infodays on 23rd May 14:00-16:00.

Information about other mission activities

- Mission Implementation Platform ([MIP4Adapt](#) & [Climate-ADAPT](#))

Networking

Mission Charter ([311 signatories](#))

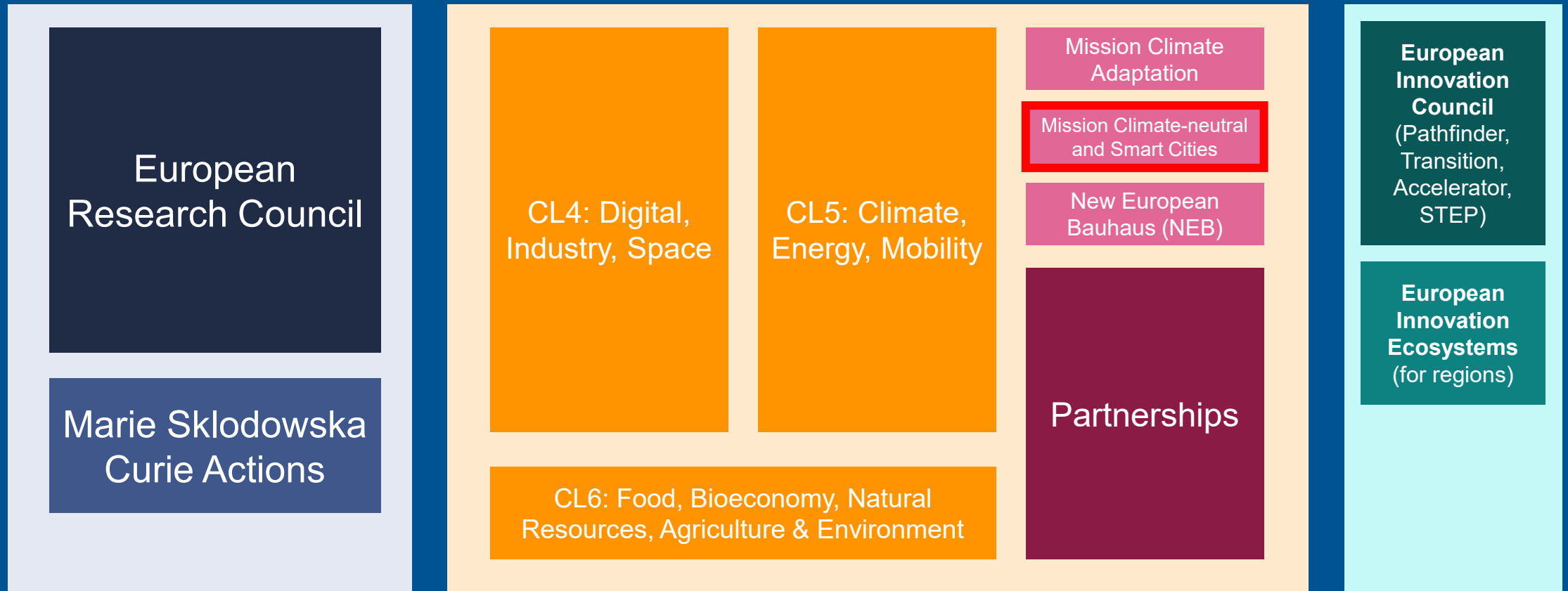
Mission Forum

Annual Climate Change Adaptation Mission Forum ([19-20 May, Wrocław, Poland](#))

Brokerage event

NCP4Missions network host brokerage events on 26-27th May.

Mission Climate-neutral and smart cities



EU Mission: Climate-Neutral and Smart Cities

The Cities Mission will involve a wide range of actors to

1. Deliver 100 climate-neutral and smart cities by 2030
2. Ensure that these cities act as experimentation and innovation hubs to enable all European cities to follow suit by 2050



Consider applying?

Information

Information about upcoming calls

- Swedish NCP host event 29th April 13:00-14:00.
- European Commission host infodays on 22nd May 9:30-11:15.

Governance and innovation platforms

- Viable Cities
- NetZeroCities

Networking

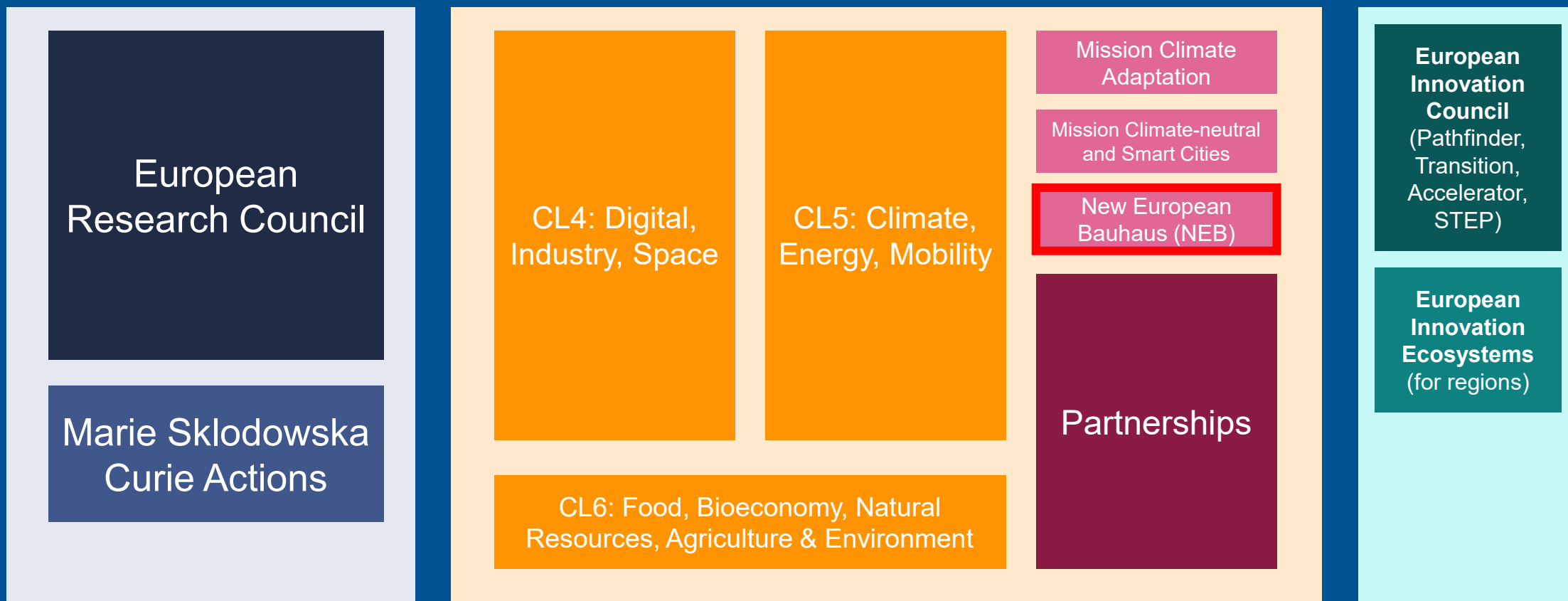
Mission Forum

Climate-Neutral and Smart Cities Mission Conference 2025 (6-8 May 2025, Vilnius)

Brokerage event

NCP4Missions network host brokerage events on 26-27th May.

New European Bauhaus (NEB)



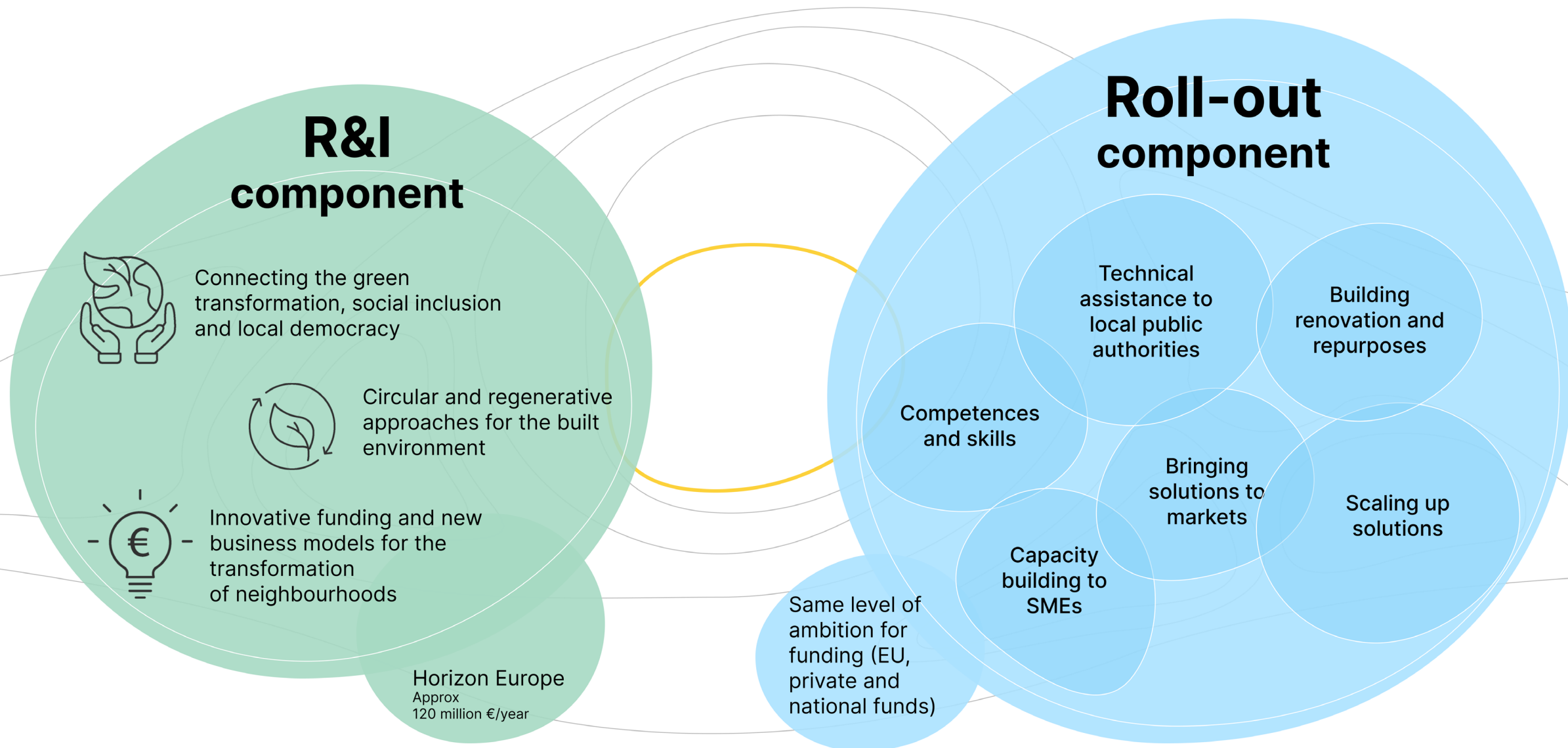


New European Bauhaus Facility

- Ett nytt **finansieringsverktyg** förankrat i Horisont Europa, som pågår från 2025 till 2027
- Målet är att **utveckla och skala upp innovativa lösningar** för att omvandla stadsdelar till **hållbara, inkluderande och estetiskt tilltalande** miljöer
- De **första finansieringsmöjligheterna** förväntas bli tillgängliga 2025 genom Horisont Europas arbetsprogram



NEB Facility: architecture





Vill du veta mer?

Scanna QR-koden för att besöka NEB Facilitys webbsida eller hör av dig till någon kontaktpunkt eller expert

Nationell kontaktpunkt och expert för Fol-komponenten

- Ann Maudsley, Formas, ann.maudsley@formas.se

Expert för Fol-komponenten

- Björn Wallsten, Formas, bjorn.wallsten@formas.se

Expert för Fol-komponenten

- Gustav Malm, Vinnova, gustav.malm@vinnova.se

Nationell kontaktpunkt för implementeringskomponenten

- Suzanne Pluntke, Boverket, suzanne.pluntke@boverket.se



Driving Urban Transitions to a Sustainable Future (DUT)

Cluster 5

Clean Hydrogen

Clean Aviation

Europe's Rail

Batteries

Zero-emissions
Waterborne Transport

Zero-emission Road
Transport (2ZERO)

People-centric
Sustainable Built
Environment

Clean Energy
Transition

Driving Urban
Transitions to a
Sustainable Future

Cluster 4 & 6

Clean Steel – Low
Carbon Steelmaking

Climate Neutral, Sustainable
and Productive Blue
Economy

DUT Partnership

- ✓ A **public-public partnership**, co-funded by 28 European countries and the European Commission
- ✓ DUT consists of **60+ partners**
- ✓ approx. **450 M EUR** indicative budget for **2022-2028**
 - ✓ 2022 Call: **almost 60 M EUR** suggested for funding
- ✓ Thematic priorities covered by **3 Transition Pathways**



Created with Datawrapper

Transition Pathways



The Circular Urban Economies Transition Pathway (CUE)

om en regenerativ urbanism



The 15-minute city Transition Pathway (15minC)

om mobilitetssystem och urban rumslighet



The Positive Energy Districts Transition Pathway (PED)

om omställning av det urbana energisystemet

Call 2025

- **Öppnar i september**
- **”Soft opening” i juli**
- **Hur svenskar kommer kunna delta är inte helt klar i dagsläget**

Other relevant instruments

Cluster 4:

- Climate neutral, circular and digitised production
- A digitised, resource-efficient and resilient industry

Mission Restore our Ocean & Waters

Innovation Fund

Cluster 6: All destinations, a few examples:

- Food systems
- Circular economy and bioeconomy sectors
- Land, oceans and water for climate action

