

March 2023

Horizon Europe calls Cluster 4 and 6: deadline coming up soon



Cluster 6: Circular and bioeconomy-driven calls

Cluster 6 is one of the instruments by the European Commission to advance towards the Green Deal's objectives on different destinations. Our Environment team particularly finds interesting the destinations *Circular and bioeconomy sectors (CircBio)* and *Clean environment and zero pollution (ZEROPOLLUTION)*.

Circular and bioeconomy sectors destination

The CircBio destination targets the transition towards climate-neutral circular- and bio-economies. These include the development of circular and bio-based solutions for key value chains (for example, textiles, electronics, plastics, construction), as well as sustainable bio-based systems including forestry, small-scale rural solutions, and aquatic value chains. These can be interesting for a variety of stakeholders working up and downstream the waste and biomass generation with research and/or demonstration targets.

ZEROPOLLUTION destination

The ZEROPOLLUTION destination aims at preventing, minimizing, and eliminating pollution to ensure that our soil, air, and water ecosystems are clean and healthy for all. The way to reach this objective is through knowing better what the pollution sources and pathways are so that we can prevent it, improve monitoring and control to minimize it and design for elimination and remediate to remove pollution from our society. Also these calls can be interesting for several stakeholders and a number of Research and Innovation Actions are open this year.

What can EGEN do for you?

With the expertise on circular and bio-based practices, our EGEN Environment team members are well positioned in supporting the proposal submission from linking and scoping to reviewing and submission. We provide green services at different stages of the project development, particularly:

- *during the application process*: we can help you with project scoping, finding the right partners, and writing and/or reviewing the grant application
- *after a successful application*: we can support you through the project participation and support your impact and stakeholder analyses, business model development and/or exploitation.

Cluster 6: upcoming calls on CircBio and ZEROPOLLUTION

The Horizon Europe programme supports circular economy, bioeconomy and zero pollution.

Learn about some of the upcoming Horizon Europe calls (Cluster 6) targeting the *Circular and bioeconomy sectors (CircBio)* and *Clean environment and zero pollution (ZEROPOLLUTION)* destinations:

- [HORIZON-CL6-2023-CircBio-01-7](#): Symbiosis in the bio-based industrial ecosystems
 - Coordination and Support Action (CSA): up to 100% funding
 - Budget: EUR 3 million
 - Number of projects to be funded: 2
 - Deadline: 28 March 2023.
- [HORIZON-CL6-2023-ZEROPOLLUTION-01-7: Strategies to prevent and reduce plastic packaging pollution from the food system](#)
 - Research and Innovation Action (RIA): up to 100% funding
 - Budget: EUR 8 million
 - Number of projects to be funded: 2
 - Deadline: 28 March 2023.
- [HORIZON-CL6-2023-CircBio-02-3-two-stage: Non-plant biomass feedstock for industrial applications: technologies and processes to convert non-lignocellulosic biomass and waste into bio-based chemicals, materials and products, improving the cascading valorisation of biomass](#)
 - Research and Innovation Action (RIA)
 - Budget: EUR 8 million
 - Number of projects to be funded: 2

- Deadlines: 28 March & 26 September 2023.
- [HORIZON-CL6-2023-ZEROPOLLUTION-02-2-two-stage: Safe-and-sustainable-by-design bio-based platform chemicals, additives, materials, or products as alternative](#)
 - Research and Innovation Action (RIA)
 - Budget: EUR 8 million
 - Number of projects to be funded: 2
 - Deadlines: 28 March & 26 September 2023.

Circular cities and regions

Cities and regions are well positioned to drive the circular economy transition. However, while they have the necessary competences, there are still various barriers which need to be overcome to enable the transition. Knowledge and expertise sharing between cities and regions on various topics ranging from policies and Green Public Procurement to stakeholder engagement and raising awareness among citizens is key.

The European Union's [Circular Cities and Regions Initiative \(CCRI\)](#) aims to promote such knowledge exchange between cities and regions. The Coordination and Support Office (CCRI-CSO) is the main coordinating body for CCRI's activities. Facilitation of knowledge sharing between CCRI Pilots and Fellows (cities and regions) and various CCRI stakeholders is one of the main tasks of CCRI-CSO.

EGEN is a knowledge partner in the international consortium that forms CCRI-CSO and plays several important roles:

- leads the work on identifying relevant knowledge for cities and regions that can support them in developing and implementing their circular solutions; consult the [Support Materials](#) section of the CCRI website for more information and curated resources
- co-leads group activities within a Thematic Working Group on Circular Bioeconomy which aims to facilitate knowledge exchange among CCRI Pilots & Fellows (cities and regions) and CCRI stakeholders on the topic (together with the lead partner Ecorys)
- provides individualized support to two CCRI Pilots – the city of Guimaraes (Portugal) and the region of Podravje-Maribor (Slovenia)
- leads activities on the cross-cutting topic Finance to facilitate knowledge exchange on such topics as business plan development and development of funding strategies.

CCRI provides financial support for demonstration projects (e.g., Innovation Actions), project development assistance (PDA) and cross-cutting projects (e.g., Coordination and Support Actions) through Horizon Europe grants.

Cluster 6: upcoming calls on circular economy

Learn about the upcoming Horizon Europe calls (Cluster 6) targeting implementation of circular economy at local and regional scale:

- [HORIZON-CL6-2023-GOVERNANCE-01-5](#): Revitalisation of European local (rural/peri-urban) communities with innovative bio-based business models and social innovation
 - Research and Innovation Action (RIA)
 - Budget: EUR 5 million
 - Number of projects to be funded: 1
 - Deadline: 23 March 2023.
- [HORIZON-CL6-2023-CircBio-01-1: Enhancing collaboration between Circular Cities and Regions Initiative's \(CCRI\) supporting organisations](#)
 - Coordination and Support Action (CSA)
 - Budget: EUR 2.50 million
 - Number of projects to be funded: 1
 - Deadline: 28 March 2023.
- [HORIZON-CL6-2023-CircBio-01-2](#): One hundred circular model households: making European households sustainable through inclusive circular practices
 - Innovation Action (IA): up to 70% funding
 - Budget: EUR 18 million
 - Number of projects to be funded: 3
 - Deadline: 28 March 2023.
- [HORIZON-CL6-2023-CircBio-01-7](#): Symbiosis in the bio-based industrial ecosystems
 - Coordination and Support Action (CSA)
 - Budget: EUR 3 million
 - Number of projects to be funded: 2
 - Deadline: 28 March 2023.
- [HORIZON-CL6-2023-CircBio-02-1-two-stage: Circular Cities and Regions Initiative \(CCRI\)'s circular systemic solutions](#)
 - Innovation Action (IA)
 - Budget: EUR 58 million
 - Number of projects to be funded: 6
 - Deadlines: 28 March & 26 September 2023.
- [HORIZON-MISS-2023-CLIMA-CITIES-01-01](#): Urban greening and re-naturing for urban regeneration, resilience, and climate neutrality
 - Innovation Action (IA)
 - Budget: EUR 40 million
 - Number of projects to be funded: 3
 - Deadline: 27 April 2023

Hubs4Circularity and process industries

Hubs for Circularity (H4C) are considered by the European Commission as a key instrument to advance towards the Green Deal's objectives, climate neutrality and circularity in process industries.

H4C is defined as a self-sustaining economic industrial ecosystem for full-scale Industrial-Urban Symbiosis and Circular Economy, closing energy, resource and data loops and bringing together all relevant stakeholders, technologies, infrastructure, tools, and instruments necessary for their incubation, implementation, evolution, and management.

Cross-industry collaborations enabled by H4C provide potential for creating energy and resource efficiencies and enabling reductions in emissions, waste, and pollution. This will positively affect not only the involved industrial stakeholders but also local communities/cities/regions in which such H4C are operating.

EGEN is one of the partners in Horizon Europe's [Hubs4Circularity Europe project](#) which aims to empower the process industries (targeted sectors include cement, ceramics, chemicals, engineering, minerals, non-ferrous metals, pulp & paper, steel, refining and water) and their surrounding regions to create circular hubs through the exchange, consolidation, and creation of knowledge. This will allow overcoming existing bottlenecks for regional demonstrators of Industrial (Urban) Symbiosis or other circular practices. H4C will provide a toolkit for the state-of-the-art assessment of Industrial (Urban) Symbiosis within industrial clusters and for the identification of best practices and lessons learnt, to deploy Industrial (Urban) Symbiose solutions throughout Europe.

In the Hubs4Circularity project, EGEN plays several key roles:

- supports with identifying relevant industrial clusters and developing business models for Industrial (Urban) Symbiosis practices
- leads the work on analysing financial barriers for the implementation of Industrial (Urban) Symbiosis and develops funding strategies to overcome these financial barriers.

The Horizon Europe programme supports fostering circularity within and beyond process industries.

Cluster 4: Upcoming calls on Hubs for Circularity and circular economy

Learn about upcoming Horizon Europe calls (Cluster 4) targeting demonstration of Hubs for Circularity and implementation of circular economy in industries:

- [HORIZON-CL4-2023-TWIN-TRANSITION-01-11: Intelligent data acquisition and analysis of materials and products in existing built works](#)
 - Research and Innovation Action (RIA)
 - Budget: EUR 12 million
 - Number of projects to be funded: 2
 - Deadline: 7 March & 5 October 2023.
- [HORIZON-CL4-2023-TWIN-TRANSITION-01-37: Hubs for circularity for near zero emissions regions applying industrial symbiosis and cooperative approach to heavy industrialized clusters and surrounding ecosystems \(Processes4Planet partnership\)](#)
 - Innovation Action (IA)
 - Budget: EUR 40 million
 - Number of projects to be funded: 2
 - Deadline: 20 April 2023.
- [HORIZON-CL4-2023-TWIN-TRANSITION-01-42: Circular economy in process industries: Upcycling large volumes of secondary resources \(Processes4Planet partnership\)](#)
 - Research and Innovation Action (RIA)
 - Budget: EUR 30 million
 - Number of projects to be funded: 3
 - Deadline: 20 April 2023.
- [HORIZON-CL4-2023-TWIN-TRANSITION-01-45: Circular economy solutions for the valorisation of low-quality scrap streams, materials recirculation with high recycling rate, and residue valorisation for long term goal towards zero waste \(Clean Steel Partnership\)](#)
 - Research and Innovation Action (RIA)
 - Budget: EUR 12 million
 - Number of projects to be funded: 2
 - Deadline: 20 April 2023.
- [HORIZON-CL4-2023-TWIN-TRANSITION-01-04: Factory-level and value chain approaches for remanufacturing \(Made in Europe Partnership\)](#)
 - Innovation Action (IA)
 - Budget: EUR 37.60 million
 - Number of projects to be funded: 6
 - Deadline: 20 April 2023.
- [HORIZON-CL4-2023-TWIN-TRANSITION-01-07: Achieving resiliency in value networks through modelling and Manufacturing as a Service \(Made in Europe Partnership\)](#)
 - Research and Innovation Action (RIA)
 - Budget: EUR 32 million
 - Number of projects to be funded: 6
 - Deadline: 20 April 2023.

We realize very well that the late March/April deadlines are coming up very quickly, but there are similar calls with deadlines in October and later that might also be interesting to you. We will address these calls later.

Want to know more about these topics and related Horizon Europe calls?

Contact us or send us a message for a swift reply.



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