



GEO Health Community of Practice Special Edition: Focus on EuroGEO

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Overview & Funding Opportunities of the European Commission

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Horizon Europe

€93 billion

SPECIFIC PROGRAMME IMPLEMENTING HORIZON EUROPE & EIT*

Exclusive focus on civil applications



Pillar I EXCELLENT SCIENCE

European Research Council

Marie Skłodowska-Curie

Research Infrastructures

€25 billion



Pillar II GLOBAL CHALLENGES & EUROPEAN INDUSTRIAL COMPETITIVENESS

Clusters

- Health
- Culture, Creativity & Inclusive Society
- Civil Security for Society
- Digital, Industry & Space
- Climate, Energy & Mobility
- Food, Bioeconomy, Natural Resources, Agriculture & Environment

Joint Research Centre

€54 billion



Pillar III INNOVATIVE EUROPE

European Innovation
Council

European Innovation
Ecosystems

European Institute of
Innovation & Technology*

€14 billion

WIDENING PARTICIPATION AND STRENGTHENING THE EUROPEAN RESEARCH AREA

Widening participation & spreading excellence

Reforming & Enhancing the European R&I system

Horizon Europe Vision

The EU's key funding programme for research and innovation:

- ✓ Tackles climate change
- ✓ Helps to achieve the UN's Sustainable Development Goals
- ✓ Boosts the EU's competitiveness and growth
- ✓ Facilitates collaboration and strengthens the impact of research and innovation in developing, supporting and implementing EU policies while tackling global challenges
- ✓ Supports the creation and better diffusion of excellent knowledge and technologies
- ✓ Creates jobs, fully engages the EU's talent pool, boosts economic growth, promotes industrial competitiveness and optimises investment impact within a strengthened European Research Area.





International Co-operation

International
Cooperation

**Tackling together global societal challenges;
access to the world's best talents;
expertise and resources;
enhanced supply and demand of innovative solutions**

- **General opening for international participation**
 - Participants from low- to middle-income countries are **automatically eligible** for funding
 - For R&I activities 3 partners need to be from 3 different EU MS / AC



Open Science across the programme

Open Science

Better dissemination and exploitation of R&I results and support to active engagement of society

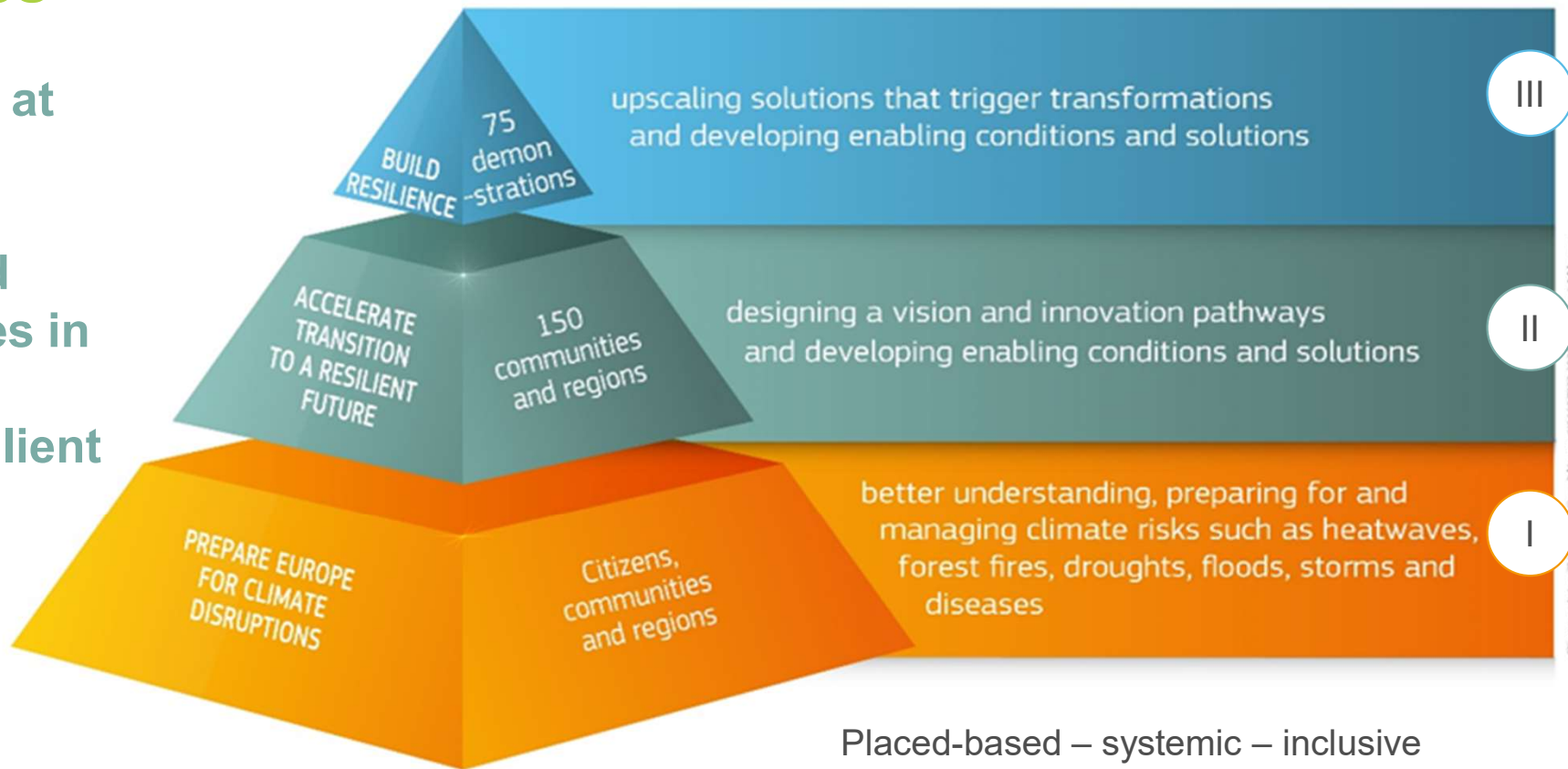
- Mandatory Open Access **to publications**: beneficiaries must retain sufficient IPRs to comply with open access requirements
- Mandatory Data Management Plan for FAIR (Findable, Accessible, Interoperable, Re-usable) and Open Research Data : for all research data with possibilities to opt-out from open access requirements



EUROPEAN UNION

Mission on Climate Change adaptation objectives

To support at least 150 European regions and communities in becoming climate resilient by 2030

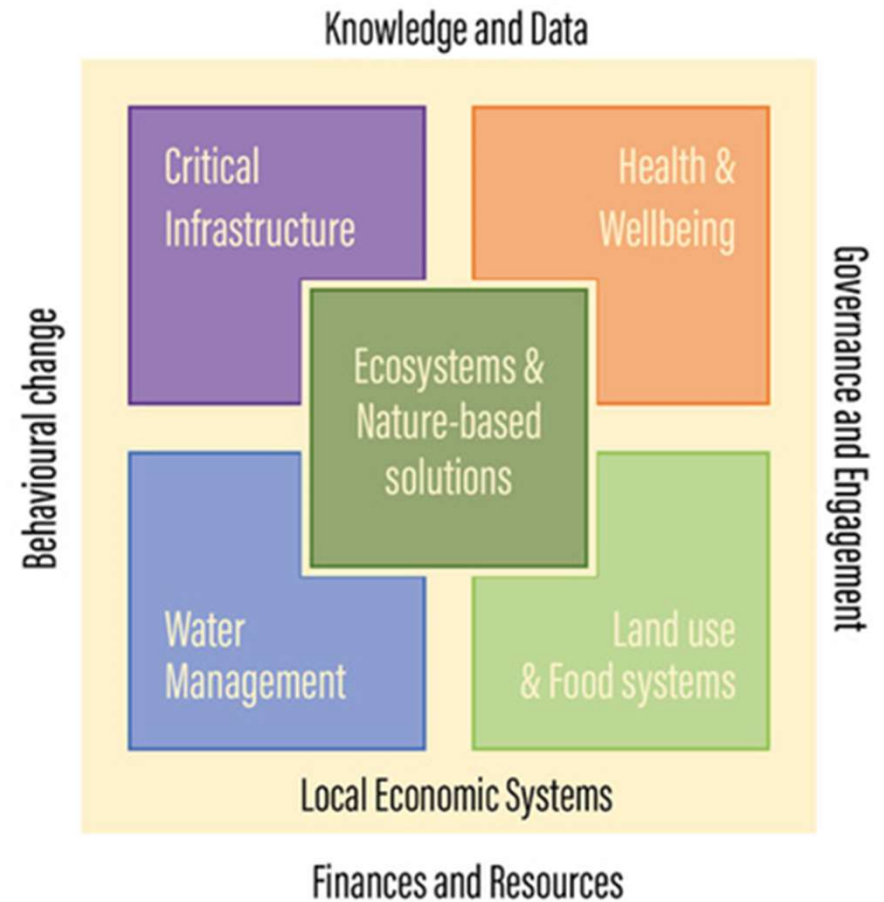




EUROPEAN UNION

Key innovation areas

6 key community systems and 4 enabling conditions



Funding opportunities in Horizon Europe for 2024

Indicative topics (examples) :

HORIZON-HLTH-2024-ENVHLTH-02-06-two-stage: The role of environmental pollution in non-communicable diseases: air, noise and light and hazardous waste pollution.

Funding & tender opportunities [link](#)
Single Electronic Data Interchange Area (SEDA)

Projects results are expected to contribute, among others, to the following activities:

- Research activities to strengthen the evidence base for pollution-disease associations and underlying causality mechanisms and biological pathways, taking into account combined exposures and mechanisms of increased sensitivity in susceptible groups;
- Delivery of FAIR data on causal associations between environmental risk factors and health outcomes, in particular for air pollutants of emerging concern, specifically ultrafine particles, black carbon, and others, taking into account vulnerable population groups and specific exposure situations in a life-course approach including vulnerable early-stages of life and transgenerational risks;

Total indicative budget: EUR 60.00 million.

Indicative number of projects: 8

Type of Action: Research and Innovation Actions

Submission deadline: first stage 19/09/2023, second stage 11/04/2024

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

HORIZON-CL6-2024-BIODIV-01-8: Conservation and protection of carbon-rich and biodiversity-rich forest ecosystems

Funding & tender opportunities [link](#)
Single Electronic Data Interchange Area (SEDA)

Among other expected outcomes, projects should improve monitoring techniques, including remote-sensing and field-data methods integrating technologies such as AI, IoT, robotics or blockchain, to better assess biodiversity and climate aspects of forests.

Total indicative budget: EUR 12.00 million.

Indicative number of projects: 2

Type of Action: Research and Innovation Actions

Submission deadline: 22/02/2024

- ✓ international cooperation is strongly encouraged.
- ✓ The project must implement the multi-actor approach and ensure an adequate involvement of the primary production sector and the wider forest-based value chain.

HORIZON-CL6-2024-BIODIV-01-1: Invasive alien species

Funding & tender opportunities [link](#)

Single Electronic Data Interchange Area (SEDDA)

Among others, the projects should develop methods for the identification, early detection and surveillance of invasive alien species, such as sensors for biophysical signals (sounds, ultrasounds, volatile organic compounds, thermal etc.), DNA-based including barcoding and application of environmental DNA, artificial intelligence, sentinel plants in ports, airports, railway stations, and logistics platforms. The use of robotics (both aerial and non-aerial), especially in marine environments, could be considered.

Total Indicative budget: EUR 12.00 million.

Indicative number of projects: 2

Type of Action: Innovation Actions

Submission deadline: 22/02/2024

✓ International cooperation is encouraged.

Mission: Adaptation to Climate Change

HORIZON-MISS-2023-CLIMA-01-03: Testing and demonstrating transformative solutions to build resilience towards health risks caused by the effects of climate change

Funding & tender opportunities 
Single Electronic Data Interchange Area (SEZIA)

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

- regions, local authorities and communities have been involved in development and testing of a whole range of transformative solutions that will help to mitigate the effect of climate change on health and human wellbeing, including making the public health sector more climate resilient and better prepared to mitigate the climate change related health challenges.
- climate resilience solutions that protect human health have been developed, tested and are made largely available.

Total Indicative budget: EUR 18.000.018 euros

Indicative number of projects: 3

Type of Action: Innovation Actions

Submission deadline: 20/09/2023

You are invited to explore the funding opportunities in Horizon Europe, using the following links :

Horizon Europe

https://research-and-innovation.ec.europa.eu/funding/funding-opportunities/funding-programmes-and-open-calls/horizon-europe_en

Horizon Europe Information days (Infodays):

https://research-and-innovation.ec.europa.eu/events/horizon-europe-info-days_en

Horizon Europe Work Programmes 2023-24

https://research-and-innovation.ec.europa.eu/funding/funding-opportunities/funding-programmes-and-open-calls/horizon-europe/horizon-europe-work-programmes_en

Horizon Europe Funding and Tender Portal

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/programmes/horizon>



Get support

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/support/support>



Thank you