

# HORIZON EUROPE

- **Horizon Europe** is the EU's key funding programme for research and innovation with a budget of **€95.5 billion**
- It tackles climate change, helps to achieve the UN's Sustainable Development Goals and boosts the EU's competitiveness and growth
- **Missions:** Sets of measures to achieve bold, inspirational and measurable goals within a set timeframe. There are 5 main mission areas as part of Horizon Europe



# HORIZON EUROPE - MISSIONS

## The 5 EU Missions

1. **Adaptation to Climate Change**
2. Cancer
3. **Restore our Ocean and Waters**
4. Climate-Neutral and Smart Cities
5. **A Soil Deal for Europe**



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# ADAPTATION TO CLIMATE CHANGE

- The Mission on Adaptation to Climate Change focuses on supporting EU regions, cities and local authorities in their efforts to build resilience against the impacts of climate change
- The Mission's objective is to accompany by 2030 at least 150 European regions and communities towards climate resilience
- On 17 April 2024, the Commission adopted an amendment to increase the 2024 budget of the missions by nearly €1.4 billion to a total of €7.3 billion
- The Mission contributes to putting the EU's adaptation strategy in practice by helping the regions to:
  - better understand the climate risks they are and will be confronted with in the future
  - develop their pathways to be better prepared and cope with the changing climate
  - test and deploy on the ground innovative solutions needed to build resilience



# ADAPTATION TO CLIMATE CHANGE

Opening date: 24 April 2024 | Next deadline: 18 September 2024 | Single-stage

- **HORIZON-MISS-2024-CLIMA-01-01:** Bringing available and actionable solutions for climate adaptation to the knowledge of the regions and local authorities - **EUR 2 000 000- 1 project**
- **HORIZON-MISS-2024-CLIMA-01-02:** Bringing together the national level with the engaged regional and local levels (multi-level governance) - **EUR 4 000 000 – 1 project**
- **HORIZON-MISS-2024-CLIMA-01-03:** Develop and refine outcome indicators to measure progress on climate resilience at national, regional and local levels, including knowledge and feedback developed from the Mission – **EUR 2 965 527 – 1 project**
- **HORIZON-MISS-2024-CLIMA-01-04:** Research the complex interplay between the climate and biodiversity crises towards more systemic approaches and solutions - **EUR 8 000 000 – 2 project**
- **HORIZON-MISS-2024-CLIMA-01-05:** Improve design for transformative approaches and build local capacity for implementation of available solutions focused on climate adaptation – **EUR 8 000 000 – 2 project**
- **HORIZON-MISS-2024-CLIMA-01-06:** Demonstration of approaches to improve bankability of solutions by design, addressing the co-benefits (mitigation and adaptation) to improve revenues streams - **EUR 27 000 000 – 3 project**
- **HORIZON-MISS-2024-CLIMA-01-07:** Demonstration of solutions specifically suited to rural areas and small/ medium size population local communities - **EUR 22 500 000.02 – 3 project**
- **HORIZON-MISS-2024-CLIMA-01-08:** Demonstration of approaches by regions and local authorities focused on increasing climate resilience of the most vulnerable social groups (just climate resilience) - **EUR 22 500 000.02 – 3 project**
- **HORIZON-MISS-2024-CLIMA-01-09:** Systemic and cross-sectoral solutions for climate resilience, tailored to the local needs of regions and local authorities - **EUR 27 000 000 – 3 project**



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# RESTORE OUR OCEAN AND WATERS

- Aims to protect and restore the health of our ocean and waters through research and innovation, citizen engagement and blue investments
- The Mission's new approach will address the ocean and waters as one and play a key role in achieving climate neutrality and restoring nature
- The Mission supports regional engagement and cooperation through area-based "lighthouses" in major sea/river basins (Danube)



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# RESTORE OUR OCEAN AND WATERS

Opening date: 24 April 2024 | Next deadline: 18 September 2024 | Single-stage

- **HORIZON-MISS-2024-OCEAN-01-01:** European Blue Parks – Offshore marine protected areas – **EUR 11 100 000.1 – 1 project**
- **HORIZON-MISS-2024-OCEAN-01-02:** Danube river basin lighthouse – Protection and restoration of migratory fish habitats – **EUR 15 600 000 – 2 project**
- **HORIZON-MISS-2024-OCEAN-01-03:** Atlantic and Arctic sea basin lighthouse, Mediterranean Sea basin lighthouse, Baltic and North Sea basin lighthouse - Reducing the environmental impacts of fisheries on marine species and habitats – **EUR 23 999 999.9 – 3 project**
- **HORIZON-MISS-2024-OCEAN-01-04:** Science for Community – Building the marine Citizen Science data network of the future to valorise data coming from the ocean and increase engagement – **EUR 2 000 000 – 1 project**
- **HORIZON-MISS-2024-OCEAN-01-05:** Our Blue Future – Co-designing a future vision of a restored ocean and water system in the EU by 2030 and 2050 – **EUR 3 000 000 – 1 project**
- **HORIZON-MISS-2024-OCEAN-02-01:** Community-led actions to restore our ocean, seas and waters – **EUR 50 000 000 – 4 project**
- **HORIZON-MISS-2024-OCEAN-02-02:** Support for the Coalition of waterfront cities, regions and islands for Mission Ocean and Waters – **EUR 3 999 999.9 – 1 project**



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# A SOIL DEAL FOR EUROPE

- The main goal of the Mission '**A Soil Deal for Europe**' is to establish 100 living labs and lighthouses to lead the transition towards healthy soils by 2030
- It is estimated that between 60 and 70% of EU soils are unhealthy
- The Mission will support the EU's ambition to lead on global commitments, notably the Sustainable Development Goals and contribute to the European Green Deal
- Targets on sustainable farming, climate resilience, biodiversity and zero-pollution. It is also a flagship initiative of the long term vision for rural areas
- Leads the transition towards healthy soils by funding an ambitious research and innovation programme with a strong social science component
- Putting in place an effective network of 100 living labs and lighthouses to co-create knowledge, test solutions and demonstrate their value in real-life conditions
- Developing a harmonised framework for soil monitoring in Europe
- Raising people's awareness on the vital importance of soils



# A SOIL DEAL FOR EUROPE

Opening date: 8 May 2024 | Next deadline: 8 October 2024 | Single-stage

- **HORIZON-MISS-2024-SOIL-01-01:** Co-creating solutions for soil health in Living Labs – **EUR 36 000 000 – 3 project**
- **HORIZON-MISS-2024-SOIL-01-02:** Living Labs in urban areas for healthy soils – **EUR 11 999 999 – 1 project**
- **HORIZON-MISS-2024-SOIL-01-03:** Towards a dynamic monitoring system to assess status and spatiotemporal changes of soil erosion at European scale – **EUR 11 500 000 – 1 project**
- **HORIZON-MISS-2024-SOIL-01-04:** Systems to quantify nitrogen fluxes and uncertainties in European landscapes – **EUR 11 500 000 – 1 project**
- **HORIZON-MISS-2024-SOIL-01-05:** Soil health, pollinators and key ecosystem functions – **EUR 7 500 000 – 1 project**
- **HORIZON-MISS-2024-SOIL-01-06:** Harnessing the multifunctional potential of soil biodiversity for healthy cropping systems – **EUR 16 000 000 – 2 project**
- **HORIZON-MISS-2024-SOIL-01-07:** Development of high spatial-resolution monitoring approaches and geographically-explicit registry for carbon farming – **EUR 23 000 000 – 2 project**
- **HORIZON-MISS-2024-SOIL-01-08:** Managing forest peatsoils – **EUR 10 000 000 – 1 project**
- **HORIZON-MISS-2024-SOIL-01-09:** Assessment of Soil Health in Africa – **EUR 7 000 000 – 1 project**



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## FUTURE EVENTS

- [Digital Ocean Forum 2024](#) - 13 June 2024 10:00 (GMT+02:00)
- [Third Forum of the Mission on Adaptation to Climate Change](#) - Thursday 23 May 2024, 08:55 - 18:00 (CEST)

## PAST EVENTS

- Mission “Restore our Ocean and Waters by 2030” Annual Forum: towards 2030\_ - 5 March 2024, 09:00 - 18:00 (CET)
- [European Research and Innovation Days 2024](#)  
[The research and innovation community platform](#) - 25 April 2024 - 26 April 2024 09:30 (GMT+02:00)
- [EU Missions and cross-cutting activities info days](#)  
- 25 April 2024 - 26 April 2024 09:30 (GMT+02:00)



# ELÉRHETŐSÉGEK

KÖSZÖNÖM A FIGYELMET! 😊

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