TECHNOLOGY CENTRE PRAGUE

EUROPEAN MISSIONS SOIL, WATER

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MISSIONS IN HORIZON EUROPE

= portfolio of activities with a significant impact across disciplines and sectors with the aim:

- to achieve a measurable objective within a specified timeframe that could not be achieved by individual actions
- to influence society and policy-making through science and technology
- to solve problems of relevance to a wide range of European citizens

➢ specific calls to implement the missions (1 work programme for all missions)



RESTORE OUR OCEAN AND WATERS BY 2030



2027 Call:

- deadline: 21.9.2027
- 5 topics
- 4 regions (3 ocean areas and Danube river basin)
- cascade funding in some (also previous) topics

TOPICS

! in all topics each proposal should address only one basin-scale Mission "lighthouse"

✓ HORIZON-MISS-2027-03-OCEAN-01: Increasing riparian and coastal areas resilience to climate change, including in waterfront cities and islands

- IA, 4 projects, 8-8,9 mil. eur/project, financial support to third parties possible
- min. 6 demonstration activities in different types of riparian and coastal areas in min. 3 different countries
- emhasis on nature-based solutions, replication potential, cooperation with public authorities

✓ HORIZON-MISS-2027-03-OCEAN-02: Circularity of seafood supply chain

- IA, 4 projects, 7,2-7,75 mil. eur / project
- seafood here covers marine or freshwater edible organisms, including seaweeds and algae
- e.g. reduction and better management of waste products or improving the valorisation of fisheries and aquaculture by-products or innovative organic feed from fisheries bycatch, agriculture products or low-trophic species, as alternatives to traditional fish meal and fish oil



TOPICS

- ✓ **HORIZON-MISS-2027-03-OCEAN-04: Towards community-driven business models: coastal and freshwaters sustainable tourism**
  - IA, 4 projects, 1-1,5 mil. eur / project
  - demonstration of community-driven tourism business models in min. 3 coastal and freshwater areas in different MS/AC
  - sustainable practices to minimise negative pressures of tourism on marine and freshwater environments
  - community-driven approach

- ✓ **HORIZON-MISS-2027-03-OCEAN-05: Large-scale demonstration of protection, restoration and management of blue forest ecosystems in European sea basins**
  - IA, 4 projects, 3,5-3,98 mil. eur / project
  - basins / Mission "lighthouses" include the river basins flowing into the respective sea basins
  - protection and active or passive restoration activities; innovative financing mechanisms; research and monitoring; community engagement and education

A SOIL DEAL FOR EUROPE





2027 Call:

- deadline: : 8.4.2027 (1st stage), 14.9.2027 (2nd stage)
- 6 topics (2stage call)
- among others: Living labs

TOPICS



- ✓ **HORIZON-MISS-2027-05-SOIL-01-twostage: Living labs to enhance soil health in Continental, Black Sea, Pannonian and Steppic biogeographical regions**
  - RIA, 2 projects, 12 mil. eur / project, financial support to third parties possible
  - 4-5 living labs (with 10-20 sites in each living lab) in the Continental biogeographical region or in one or more of the following biogeographical regions: Black Sea, Pannonian and Steppic
  - soil health challenges in diff. land uses: agricultural, (peri)urban, (post)industrial, forest, (semi)natural

- ✓ **HORIZON-MISS-2027-05-SOIL-02-twostage: Living Labs for co-creating solutions to reduce eutrophication from agriculture**
  - RIA, 2 projects, 12 mil. eur / project, financial support to third parties possible
  - 4-5 living labs (in min. 3 diff. MS/AC) to work together on soil health aspects that could affect eutrophication in nearby freshwater bodies; focus on a specific small river catchment

- ✓ **HORIZON-MISS-2027-05-SOIL-03-twostage: Agroforestry for soil health at landscape level**
  - IA, 2 projects, 8 mil. eur / project, financial support to third parties possible
  - landscape-scale implementation of agroforestry practices; inclusion of capacity building and training opportunities

TOPICS

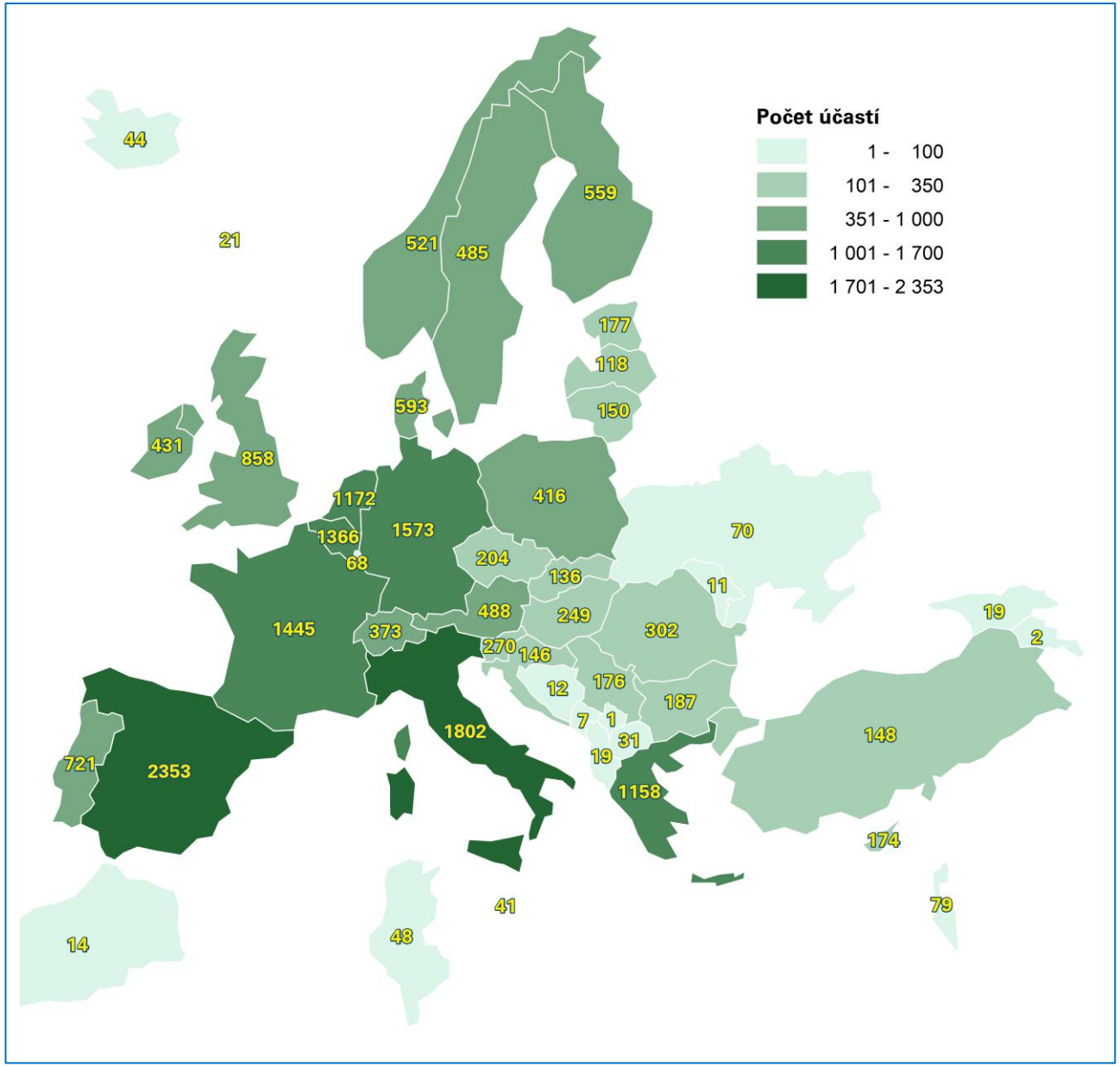


- ✓ **HORIZON-MISS-2027-05-SOIL-04-twostage: Participatory research on the health of communities in contact with polluted soils**
  - RIA, 2 projects, 5,5 mil. eur / project
  - direct and indirect soil-related drivers of human disease; locally relevant interventions
  - Involvement of private entities with industrial operations

- ✓ **HORIZON-MISS-2027-05-SOIL-05-twostage: Innovative biotechnologies to restore soil health and improve agricultural competitiveness and resilience**
  - IA, 2 projects, 6,4 mil. eur / project; financial support to third parties possible
  - biotechnology solutions, particularly leveraging the soil microbiome + assessment of their economic, environmental and social impact

- ✓ **HORIZON-MISS-2027-05-SOIL-06-twostage: Long-term drivers and consequences of soil degradation: learning from the past to improve future soil health**
  - RIA, 1 project, 7 mil. eur / project
  - development of methodologies to study past soil health and soil degradation processes + socio-economic, cultural and natural drivers and consequences across different pedo-climatic regions

SUCCESSFUL PATICIPATIONS– CLUSTER 6, CBE JU, ENVI MISSION



Source: Eureopean Commission – eCORDA Grants – 18.8.2026, prepared by Vladimír Vojtěch, TC Prague

TOP CZECH INSTITUTIONS BY EU CONTRIBUTIONS

(AS OF 8 AUGUST 2026)

Organisations	Funded participations	EU contribution in EUR
CESKA ZEMEDELSKA UNIVERZITA V PRAZE	34	13 862 302
TECHNOLOGICKA AGENTURA CESKE REPUBLIKY	5	3 633 075
BIOEAST HUB CR, Z. U.	19	3 230 879
USTAV VYZKUMU GLOBALNI ZMENY AV CR VVI	11	2 832 352
CESKE VYSOKE UCENI TECHNICKE V PRAZE	3	2 606 865
UNIVERZITA TOMASE BATI VE ZLINE	4	1 748 313
MENDELOVA UNIVERZITA V BRNE	8	1 646 644
Masarykova univerzita	4	1 554 965
PLAN4ALL ZS	5	1 428 063
UNIVERZITA PALACKEHO V OLOMOUCI	4	1 421 541
NATURE CONSERVATION AGENCY OF THE CZECH REPUBLIC	2	1 087 287
MIKROBIOLOGICKY USTAV AV CR V.V.I	2	1 051 650
ZEMEDELSKY VYZKUM, SPOL SRO	5	887 984
BIOLOGICKE CENTRUM AV CR VVI	3	799 147
CESKE CENTRUM PRO VEDU A SPOLECNOST	2	773 500
VYSOKA SKOLA CHEMICKO-TECHNOLOGICKA V PRAZE	2	610 361



NCPs CLUSTER 6

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