Understanding the nature and the extent of the effects of PFAS on biodiversity and ecosystem services

Horizon Europe

OPEN

Code
HORIZON-NATURE-2027-01-01

Scope
International - Europe

Curator
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FINANCIAL DETAILS

Support type
Non-Refundable

Maximum Funding Rate
100%

Budget
11.4M€

Eligible Project Value
Up to 5.7M€

Bonuses & Majorations

- Effective contribution and involvement of SSH disciplines and experts
- Data produced must be FAIR (Findable, Accessible, Interoperable, Re-usable)
- International cooperation is encouraged
- Participation in common networking and joint activities with other projects
- Close cooperation with the EC Knowledge Centre for Biodiversity

Funding is provided as a lump sum grant under Horizon Europe Research and Innovation Actions. The total available budget for this topic is 11.449.484,74 EUR, with an expected EU contribution of 5.700.000 EUR per project and two grants expected. Eligible costs are covered as a lump sum, as defined in the Horizon Europe rules. The grant supports all eligible project activities as described in the call.

DATES & DEADLINES

Opening Date
October 13, 2026

Deadline
January 14, 2027 at 05:00 PM (71 days left)

OBJECTIVES

This call aims to advance the mechanistic understanding of the effects of per- and polyfluoroalkyl substances (PFAS) on biodiversity, ecosystems, and ecosystem services. The objective is to close knowledge gaps regarding the extent and nature of PFAS impacts, enabling policymakers to integrate new scientific knowledge into decisions related to biodiversity protection, environmental and human health, and socio-economic cost-benefit analyses for PFAS policy measures. The call supports the objectives of the EU Biodiversity Strategy for 2030, the EU Soil Strategy for 2030, the EU Water Resilience Strategy, and the EU Zero Pollution Action Plan. Eligible applicants include consortia of legal entities from EU Member States and Associated Countries, with international cooperation encouraged. Social sciences and humanities (SSH) expertise must be integrated to support ecosystem service valuation, policy uptake, and decision-making under uncertainty.

ELIGIBLE EXPENSES

- Personnel Costs
- Travel costs
- Equipment costs
- Other goods, works and services costs
- Subcontracting
- Indirect Costs

ELIGIBILITY

Application Mode
Consortium / Copromotion

Company Typologies

- Micro
- SME
- Small Mid-Cap
- Mid-Cap
- Large
- Private non-profit entities
- Public entities

Action Types

- Field-based and controlled studies on PFAS effects on biodiversity and ecosystems
- Assessment of PFAS impacts on ecosystem services and economic valuation
- Development of methods for biophysical and economic valuation of PFAS impacts
- Identification and prioritisation of PFAS substances/groups for study

- Bioaccumulation and biomagnification studies across trophic chains
- Tissue-specific accumulation and toxicological effect studies
- Cost estimation of ecosystem service loss due to PFAS
- Ecosurveillance and monitoring of ecosystem health
- Identification of indicator species for PFAS monitoring and recovery
- Identification of knowledge gaps and research needs
- Policy integration and recommendations for biodiversity and health protection
- Networking and joint activities with other funded projects
- Research and Innovation Action

EU PROGRAMME DETAILS

Call ID
HORIZON-NATURE-2027-01-01

Cluster
Horizontal Activities

Destination
Transformative change towards a nature-positive economy and society

Submission Mode
Single-stage

EU Contribution
€5,700,000.00 per project

Expected Projects
2

Funding Rate Rule
Up to 100% of eligible costs for Research and Innovation Actions (RIA)

OFFICIAL LINKS

Official Regulation
https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/HORIZON-NATURE-2027-01-01

Grantavia page
https://grantavia.com/en/incentives/understanding-the-nature-and-the-extent-of-the-effects-of-pfas-on-biodiversity-and-ecosystem-services

Schedule a meeting
https://calendly.com/filipa-silva-epsa/reuniao