Integrating Remote Sensing and in-situ observations of Biodiversity, towards a fully interoperable observation and data framework

Horizon Europe

PENDENTE

Código
HORIZON-CL6-2027-01-BIODIV-01

Âmbito
Internacional

Localização
Europa

Curadoria
Marlene Faria

DETALHES FINANCEIROS

Tipo de apoio
Fundo Perdido

Taxa Máxima de Financiamento
100%

Dotação
10M€

Valor Elegível do Projeto
Up to 5M€

DATAS E PRAZOS

Data de Publicação
12 de dezembro de 2025

Data de Abertura
20 de abril de 2027

Deadline
22 de setembro de 2027 às 17:00 GMT+2

DESCRIÇÃO

Objectives

This call aims to advance the integration of remote sensing and in-situ biodiversity observations to create a fully interoperable observation and data framework. The objective is to support robust, policy-relevant ecosystem assessments, nature protection, restoration planning, and biodiversity trend prediction using fit-for-purpose data. The call targets consortia of research organizations, universities, public and private entities, and other stakeholders from EU Member States and Associated Countries. The focus is on strengthening the capacity of researchers, practitioners, and decision-makers to improve biodiversity monitoring by integrating data from various sources, including omics-based, in-situ, and satellite-based Earth observation data. The results are expected to enhance the usability of in-situ datasets for advanced analytics, such as AI-based habitat classification and ecosystem mapping, supporting EU biodiversity and climate objectives.

Funding

The support is provided as a non-refundable grant in the form of a lump sum, covering up to 100% of eligible costs for Research and Innovation Actions (RIA). Each funded project will receive a contribution of €5 million, with a total topic budget of €10 million and an expected two grants to be awarded under this call.

DESPESAS ELEGÍVEIS

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

BÓNUS E MAJORAÇÕES

- Use of Copernicus and/or Galileo/EGNOS data for satellite-based earth observation
- Effective coordination with ESA's FuturEO programme
- Cooperation with European Commission steered biodiversity monitoring schemes
- Synergies with European research infrastructures

ELEGIBILIDADE

Modalidade de Candidatura
Consórcio / Copromoção

Setores Elegíveis

- Energia & Ambiente
- Agroalimentar
- Saúde & Ciências da Vida
- Outro

Tipologia de Beneficiário

- Micro
- PME
- Small Mid-Cap
- Mid-Cap
- Grande
- Entidades privadas sem fins lucrativos

- Entidades públicas

Tipos de Ação

- Development and validation of multisensory biodiversity data integration systems
- Harmonization and integration of omics-based, in-situ, and remote sensing data
- Demonstration and verification in terrestrial, freshwater, and marine ecosystems
- Design of data integration approaches for predictive analytics and AI
- Development of FAIR data workflows and processing protocols
- Linking biodiversity data to socio-economic, climate, agriculture, and environmental data
- Consensus building on data collection, metadata, and processing protocols
- Cooperation with existing in-situ data collection frameworks
- Research and Innovation Action

DETALHES DO PROGRAMA UE

ID da Chamada
HORIZON-CL6-2027-01-BIODIV-01

Cluster
Cluster 6: Food, Bioeconomy, Natural Resources, Agriculture and Environment

Destino
D1. Biodiversity and Ecosystem Services

Modo de Submissão
single-stage

Contribuição UE
€5,000,000.00 per project

Projetos Esperados
2

Regra de Taxa de Financiamento
Up to 100% of eligible costs for Research and Innovation Actions (RIA)

LINKS OFICIAIS

Regulamento Oficial
https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/HORIZON-CL6-2027-01-BIODIV-01

Página no Grantavia
https://grantavia.com/pt/incentives/integrating-remote-sensing-and-in-situ-observations-of-biodiversity-towards-a-fully-interoperable-observation-and-data-framework

Agendar reunião
https://calendly.com/filipa-silva-epsa/reuniao