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

Horizon Europe

IN ATTESA

Codice
HORIZON-CL6-2027-01-BIODIV-01

Ambito
Internazionale

Località
Europa

Curatore
Marlene Faria

DETTAGLI FINANZIARI

Tipo di supporto
Fondo perduto

Intensità Massima di Aiuto
100%

Budget
10M€

Valore di Progetto Ammissibile
Up to 5M€

DATE E SCADENZE

Data di Pubblicazione
12 dicembre 2025

Data di Apertura
20 aprile 2027

Deadline
22 settembre 2027 alle ore 17:00 GMT+2

DESCRIZIONE

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.

SPESE AMMISSIBILI

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

BONUS E MAGGIORAZIONI

- 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

IDONEITÀ

Modalità di Candidatura
Aggregata / Partenariato

Settori Idonei

- Energia e Ambiente
- Agroalimentare
- Salute e Life Sciences
- Altro

Tipologie Aziendali

- Microimpresa
- PMI
- Small Mid-Cap
- Mid-Cap
- Grande impresa
- Enti privati non profit

- Enti pubblici

Tipi di Azione

- 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

DETTAGLI PROGRAMMA UE

ID Bando
HORIZON-CL6-2027-01-BIODIV-01

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

Destinazione
D1. Biodiversity and Ecosystem Services

Modalità di Presentazione
single-stage

Contributo UE
€5,000,000.00 per project

Progetti Previsti
2

Regola dell'Intensità di Aiuto
Up to 100% of eligible costs for Research and Innovation Actions (RIA)

LINK UFFICIALI

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

Pagina Grantavia
https://grantavia.com/it/incentives/integrating-remote-sensing-and-in-situ-observations-of-biodiversity-towards-a-fully-interoperable-observation-and-data-framework

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