Detection, monitoring, modelling, and attribution capabilities for Solar Radiation Modification (SRM) activities and assessing their impacts on Earth's climate and ecosystems

Horizon Europe

OPEN

Code
HORIZON-BRIDGING-2027-04-11

Scope
International - Europe

Curator
Marlene Faria

FINANCIAL DETAILS

Support type
Non-Refundable

Maximum Funding Rate
100%

Budget
10M€

Eligible Project Value
Up to 10M€

Bonuses & Majorations

- Highest possible transparency and open science practices
- Global engagement and citizen involvement in project design
- Use of Creative Commons licenses for outputs
- Early and open sharing of research data
- Robust risk management for conflict of interest
- Inclusion of EU representatives in evaluation committee

The call provides non-refundable grant support under Horizon Europe Research and Innovation Actions (RIA). The total available budget is 10.000.000 EUR, with the expectation to fund one project with a maximum contribution of 10.000.000 EUR. The grant covers eligible costs as defined in the Horizon Europe rules.

DATES & DEADLINES

Opening Date
October 6, 2026

Deadline
February 16, 2027 at 05:00 PM (104 days left)

OBJECTIVES

This call aims to enhance the European Union’s, Member States’, and Associated Countries’ capabilities to detect, monitor, model, and attribute Solar Radiation Modification (SRM) activities and assess their impacts on Earth's climate and ecosystems. The objective is to provide robust scientific and technological evidence to support policy making and international deliberations on SRM, particularly in the context of the IPCC and other global governance frameworks. The call targets research consortia that bridge technical disciplines and the humanities, ensuring a transdisciplinary approach to address the multifaceted risks and uncertainties associated with SRM. Eligible applicants include research organizations, universities, public authorities, and other entities from EU Member States and Associated Countries. Entities with a known interest in the commercial development or deployment of SRM technologies are discouraged from participating to avoid conflicts of interest.

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

- Detection and monitoring of SRM activities
- Modelling of aerosol-cloud interactions
- Earth observation data integration
- Development of ecological early-warning systems
- Transdisciplinary research bridging technical and humanities
- Risk assessment and mitigation for SRM misuse
- Outreach and co-design with civil society
- Open science and FAIR data practices
- Validation of physico-chemical measurement methods
- Policy support for SRM governance
- Research and Innovation Action

EU PROGRAMME DETAILS

Call ID
HORIZON-BRIDGING-2027-04-11

Cluster
Horizontal Activities

Destination
Bridging Actions

Submission Mode
single-stage

EU Contribution
€10,000,000.00

Expected Projects
1

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-BRIDGING-2027-04-11

Grantavia page
https://grantavia.com/en/incentives/detection-monitoring-modelling-and-attribution-capabilities-for-solar-radiation-modification-srm-activities-and-assessing-their-impacts-on-earths-climate-and-ecosystems

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