Developing effective air quality planning strategies through innovative multi-scale modelling

Horizon Europe

PENDING

Code
HORIZON-CL6-2027-01-ZEROPOLLUTION-02

Scope
International

Location
Europe

Curator
Marlene Faria

FINANCIAL DETAILS

Support type
Non-Refundable

Maximum Funding Rate
100%

Budget
9.8M€

Eligible Project Value
Up to 4.9M€

DATES & DEADLINES

Publication Date
December 12, 2025

Opening Date
April 20, 2027

Deadline
September 22, 2027 at 05:00 PM GMT+2

DESCRIPTION

Objectives

This call aims to advance the development of innovative, multi-scale air quality modelling strategies to support effective air quality planning and policy implementation across Europe. The main objectives are to provide public authorities with enhanced modelling tools for air quality assessment and planning at various policy levels, improve governance processes, and deliver more targeted air pollution alerts to reduce population exposure and health impacts. The call targets consortia including research organisations, public authorities, and relevant international organisations headquartered in EU Member States or Horizon Europe Associated Countries. The Joint Research Centre (JRC) may participate as a consortium member. International cooperation is encouraged, and proposals should consider vulnerable population groups disproportionately affected by air pollution.

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). The total budget for the topic is 9800000 euros, with an expected two grants of 4900000 euros each. The funding is intended to cover all eligible project expenses as defined in the Horizon Europe rules.

ELIGIBLE EXPENSES

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

BONUSES & MAJORATIONS

- Consideration of vulnerable population groups in project design
- International cooperation encouraged
- Use of Copernicus and/or Galileo/EGNOS data when relevant
- Collaboration with JRC and relevant EU initiatives

ELIGIBILITY

Application Mode
Consortium / Copromotion

Eligible Sectors

- Energy & Environment
- Industry
- Health & Life Sciences
- Other

Company Typologies

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

Action Types

- Development of multi-scale air quality modelling chains
- Integration and improvement of existing air quality models and datasets
- Validation of micro-scale modelling systems at high resolution
- Guidelines for air quality modelling to support decision making
- Analysis of social and spatial inequalities in air pollution exposure
- Collaboration with European research infrastructures and initiatives
- Promotion of FAIR data principles
- Cooperation with Copernicus Atmosphere Monitoring Service and ESA FuturEO projects
- Research and Innovation Action

EU PROGRAMME DETAILS

Call ID
HORIZON-CL6-2027-01-ZEROPOLLUTION-02

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

Destination
D4. Clean environment and zero pollution

Submission Mode
single-stage

EU Contribution
€4,900,000.00 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-CL6-2027-01-ZEROPOLLUTION-02

Grantavia page
https://grantavia.com/en/incentives/developing-effective-air-quality-planning-strategies-through-innovative-multi-scale-modelling

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