

Advancing understanding, modelling and prediction of extreme events in a changing climate

Horizon Europe

CODE	SCOPE
HORIZON-CL5-2027-01-D1-07	International
LOCATION	STATUS
Europe	Pending
PROGRAM	CURATED BY
Horizon Europe	Marlene Faria
GENERATED AT	
September 24, 2026	

Financial Details

SUPPORT TYPE	MAXIMUM FUNDING RATE
Non-Refundable	100%
BUDGET	ELIGIBLE PROJECT VALUE
18M€	Up to 6M€

Dates & Deadlines

PUBLICATION DATE	OPENING DATE
Not defined	November 17, 2026

Application Phases

- Fase única: March 4, 2027 at 04:00 PM

Objectives

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This call aims to improve the understanding, modeling, and prediction of extreme events within the context of climate change. Eligible entities include international consortia composed of research organizations, universities, companies, and other intervention stakeholders from Horizon Europe eligible countries. The main objectives are to advance climate

science, support preparedness and resilience strategies, inform EU adaptation and preparedness initiatives, and develop tools for improved decision-making for climate change adaptation at various spatial and temporal scales. The call encourages international cooperation and coordination with initiatives such as Copernicus, Destination Earth, and ESA's FutureEO programme, as well as the involvement of the Joint Research Centre (JRC) for scientific support.

Funding

This topic is funded under Horizon Europe's Research and Innovation Actions (RIA) as a lump sum grant. The total available budget is €18,000,000, with an indicative EU contribution of around €6,000,000 per project, and an expected funding of 3 projects. The maximum eligible co-funding rate for beneficiaries is 100% of eligible costs, as per Horizon Europe RIA rules.

Eligible Expenses

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

Eligibility

Eligible Sectors

- Energy & Environment
- Industry
- ICT & Software

Company Typologies

- Micro
- Sme
- Small Mid-Cap
- Mid-Cap
- Large
- Non-business entities of the R&I system (ENESII)
- Private non-profit entities
- Public entities

Application Mode

- Consortium / Copromotion

Action Types

- Research and Innovation Actions
- Modeling and prediction of extreme events
- Climate change impact assessment

- Development of decision-support tools
- Capacity building
- Collaboration and coordination with EU and global initiatives

EU Programme Details

CALL ID

HORIZON-CL5-2027-01-D1-07

CLUSTER

Cluster 5: Climate, Energy and Mobility

DESTINATION

D1. Climate sciences and responses for the transformation towards climate neutrality

SUBMISSION MODE

Single-stage

EU CONTRIBUTION

Around €6,000,000.00 per project

EXPECTED PROJECTS

3

FUNDING RATE RULE

Horizon Europe Research and Innovation Actions:
100% funding of eligible costs

Official Links

Official Regulation:

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details-tr/HORIZON-CL5-2027-01-D1-07?order=DESC&pageNumber=1&pageSize=50&sortBy=relevance&keywords=HORIZON-CL5-2027-01-D1-07&isExactMatch=true&status=31094501,31094502,31094503>

Grantavia page: <https://grantavia.com/en/incentives/advancing-understanding-modelling-and-prediction-of-extreme-events-in-a-changing-climate>

Schedule a meeting: <https://calendly.com/sandra-cardoso-epsa/reuniao>