

Preparing demonstration missions for collaborative Earth Observation and Satellite telecommunication for Space solutions (Space Partnership)

Horizon Europe

● PENDING

Code
HORIZON-CL4-2027-SPACE-03-34

Scope
International

Location
Europe

Curator
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FINANCIAL DETAILS

Support type
Non-Refundable

Maximum Funding Rate
100%

Budget
26M€

Eligible Project Value
5M€ - 10M€

DATES & DEADLINES

Publication Date
October 12, 2026

Opening Date
March 9, 2027

Fase única
September 2, 2027 at 05:00 PM GMT+2

DESCRIPTION

Objectives

This topic aims to prepare and enable the next generation of collaborative Earth Observation (EO) and Satellite Communications (SatCom) missions by supporting the development and demonstration of innovative operational concepts and mission architectures. The action contributes to strengthening Europe's strategic autonomy, competitiveness and technological leadership in the space sector by fostering closer integration and cooperation between multiple space assets, services and operators.

Projects are expected to prepare future demonstration missions capable of validating collaborative EO and SatCom approaches, addressing challenges related to interoperability, data exchange, mission coordination, autonomous operations and service delivery. The ultimate goal is to establish the foundations

for future European space infrastructures that are more resilient, efficient, responsive and capable of supporting emerging societal, environmental and security needs.

Funding

Funding is provided under a Horizon Europe Innovation Action (IA) within the Space Research and Innovation Programme. The topic has an indicative budget of €26 million, with the European Commission expecting to fund four projects. The expected EU contribution ranges between €5 million and €10 million per project, although proposals requesting different amounts may be considered where appropriately justified.

As a Horizon Europe Innovation Action, the funding rate is generally up to 70% of eligible costs for for-profit entities and up to 100% for non-profit organisations, in accordance with Horizon Europe funding rules.

ELIGIBLE EXPENSES

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

BONUSES & MAJORATIONS

- Industrial competitiveness relevance
- Contribution to EU strategic autonomy
- Fostering international cooperation (where permitted)
- Inclusion of start-ups or SMEs

ELIGIBILITY

Application Mode

Consortium / Copromotion

Eligible Sectors

- Energy & Environment
- ICT & Software
- Health & Life Sciences
- Mobility & Transport
- Blue Economy
- Aerospace & Defense
- Other

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

Action Types

- Pilot Missions
- Technology Demonstration
- Digitalization Initiatives
- Satellite Operation
- Earth Observation Applications
- Secure Connectivity Systems
- In-Space Services
- Innovation Action

EU PROGRAMME DETAILS

Call ID	Cluster
HORIZON-CL4-2027-SPACE-03-34	4 - Digital, Industry and Space
Destination	Submission Mode
D4. Open Strategic Autonomy in Developing, Deploying and Using Global Space-Based Infrastructure, Services, Applications and Data	Single-stage
EU Contribution	Expected Projects
Around €5.000,000.00 and €10.000,000.00 per project	4
Funding Rate Rule	
Up to 70% for Innovation Actions (up to 100% for non-profit entities only)	

OFFICIAL LINKS

Official Regulation

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/HORIZON-CL4-2027-SPACE-03-34?order=DESC&pageNumber=1&pageSize=50&sortBy=relevance&keywords=HORIZON-CL4-2027-SPACE-03-34&isExactMatch=true&status=31094501,31094502,31094503>

Grantavia page

<https://grantavia.com/en/incentives/preparing-demonstration-missions-for-collaborative-earth-observation-and-satellite-telecommunication-for-space-solutions-space-partnership>

Schedule a meeting

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