

Innovative biotechnologies to restore soil health and improve agricultural competitiveness and resilience

Horizon Europe

● PENDING

Code

HORIZON-MISS-2027-05-SOIL-05-two-stage

Scope

International

Location

Europe

Curator

Marlene Faria

FINANCIAL DETAILS

Support type

Non-Refundable

Maximum Funding Rate

100%

Budget

12.8M€

Eligible Project Value

Up to 6.4M€

DATES & DEADLINES

Publication Date

Not defined

Opening Date

February 4, 2027

Fase 1

April 8, 2027 at 05:00 PM GMT+2

Fase 2

September 14, 2027 at 05:00 PM GMT+2

DESCRIPTION

Objectives

This incentive aims to advance the objectives of Mission Soil and contribute to the targets of the EU Soil Strategy for 2030, EU Biodiversity Strategy, Zero Pollution Action Plan, and other related EU frameworks. The primary objective is to develop, validate, and bring to market innovative and scalable biotechnologies, particularly leveraging the soil microbiome, that enhance crop quality and productivity, remediate soil pollution, and improve soil health. Eligible entities include multi-actor consortia comprising academia, research institutions, SMEs (including start-ups), industrial partners, and end-users like farmers and practitioners. The call is structured to encourage stakeholder collaboration throughout the value chain to maximize impact and ensure scalability and market readiness.

Funding

Funding is provided under a Horizon Europe Innovation Action (IA) within the framework of the EU Mission “A Soil Deal for Europe”. The topic has an indicative budget of €12.8 million, with the European Commission expecting to fund two projects. The expected EU contribution is around €6.4 million per project, although proposals requesting different amounts may be considered where appropriately justified.

The topic follows a two-stage submission procedure, with a first-stage deadline of 8 April 2027 and a full proposal deadline of 14 September 2027.

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

ELIGIBILITY

Application Mode

Consortium / Copromotion

Eligible Sectors

- Agro-Food
- Energy & Environment
- Health & Life Sciences

Company Typologies

- Micro
- SME
- Large
- Non-business entities of the R&I system (ENESII)
- Private non-profit entities
- Public entities

Action Types

- Bioremediation technology development
- Soil health enhancement
- Soil microbiome innovation

- Pilot and demonstration
- Market readiness planning
- Circular economy integration
- Innovation Action

EU PROGRAMME DETAILS

Call ID	Cluster
HORIZON-MISS-2027-05-SOIL-05-two-stage	Mission
Destination	Submission Mode
A Soil Deal for Europe	Two-stage
EU Contribution	Expected Projects
Around €6.400,000.00 per project	2
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-MISS-2027-05-SOIL-05-two-stage?order=DESC&pageNumber=1&pageSize=50&sortBy=startDate&keywords=HORIZON-MISS-2027-05-SOIL-05-two-stage&isExactMatch=true&status=31094501,31094502,31094503&frameworkProgramme=43108390>

Grantavia page

<https://grantavia.com/en/incentives/innovative-biotechnologies-to-restore-soil-health-and-improve-agricultural-competitiveness-and-resilience>

Schedule a meeting

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