

Prevention and mitigation of misuse of synthetic biology for bioterrorism purposes

Horizon Europe

● IN CHIUSURA

Codice

HORIZON-CL3-2026-01-FCT-06

Ambito

Internazionale

Località

Europa

Curatore

Marlene Faria

DETTAGLI FINANZIARI

Tipo di supporto

Fondo perduto

Intensità Massima di Aiuto

100%

Budget

3M€

Valore di Progetto Ammissibile

3M€ - 3M€

DATE E SCADENZE

Data di Pubblicazione

12 dicembre 2025

Data di Apertura

6 maggio 2026

Deadline

5 novembre 2026 alle ore 17:00 GMT+1 (8 giorni rimanenti)

DESCRIZIONE

Objectives

This call aims to enhance the understanding, prevention, and mitigation of the misuse of synthetic biology for bioterrorism purposes in Europe. It targets European policymakers, the research community, biotech companies, and relevant security practitioners, seeking to raise awareness of the threats posed by synthetic biology and bioterrorism. The call encourages a thorough legal analysis of monitoring and regulatory needs in this context and aims to inform the scientific community about the potential for malicious use of synthetic biology research. Eligible applicants are consortia composed of legal entities from EU Member States and Associated Countries, including research organisations, universities, public authorities, SMEs, and other relevant stakeholders. Entities established in China are not eligible to participate in this call.

Funding

The support is provided as a non-refundable grant under the Horizon Europe Research and Innovation Actions (RIA) instrument. The funding rate is up to 100% of eligible costs. The total budget for this topic is €3 million, and only one grant is expected to be awarded, with a minimum and maximum contribution of €3 million. Eligible costs will be reimbursed as a lump sum.

SPESE AMMISSIBILI

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

BONUS E MAGGIORAZIONI

- Active involvement of Police Authorities and law enforcement
- Active role for NGOs and Civil Society Organisations
- Active involvement of SMEs
- Education and training for Police Authorities and practitioners
- Tools validated against practitioners' needs
- Tools following data exchange and cybersecurity standards
- Strategy for uptake and sustainability of results
- Access to created tools/methodologies at little or no cost for Police Authorities
- Synergy-building and clustering with related projects
- Cooperation with CEPOL for training aspects
- Use of Copernicus and/or Galileo/EGNOS if satellite data is used
- Robust plan for research data acquisition and TRL measurement

IDONEITÀ

Modalità di Candidatura

Aggregata / Partenariato

Settori Idonei

- Salute e Life Sciences
- Industria
- ICT e Software
- Altro

Tipologie Aziendali

- Microimpresa
- PMI
- Small Mid-Cap
- Mid-Cap
- Grande impresa
- Enti privati non profit
- Enti pubblici

Tipi di Azione

- Research on bioterrorism threats related to synthetic biology
- Development of detection and identification technologies for biological agents
- Analysis of regulatory and monitoring needs for synthetic biology misuse
- Awareness raising within scientific and biotech communities
- Coordination and engagement with security practitioners and agencies
- Preparation of prevention, preparedness, and response strategies
- Lawful analysis of monitoring and regulation requirements
- Integration of gender dimension in research (if relevant)
- Collaboration with Europol Innovation Lab and EU Drugs Agency (if relevant)
- Development of deployable and advanced laboratory tools
- Review of current and future risks of bioterrorism
- Identification of missing regulatory frameworks
- Research and Innovation Action

DETTAGLI PROGRAMMA UE

ID Bando

HORIZON-CL3-2026-01

Cluster

Cluster 3: Civil Security for Society

Destinazione

D1. Better protect the EU and its citizens against Crime and Terrorism

Modalità di Presentazione

single-stage

Contributo UE

€3,000,000.00 per project

Progetti Previsti

1

Regola dell'Intensità di Aiuto

Up to 100% of eligible costs for Research and Innovation Actions (RIA)

LINK UFFICIALI

Regolamento Ufficiale

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/HORIZON-CL3-2026-01-FCT-06>

Pagina Grantavia

<https://grantavia.com/it/incentives/prevention-and-mitigation-of-misuse-of-synthetic-biology-for-bioterrorism-purposes>

Video Informativo

<https://www.youtube.com/shorts/46sBAgRpL5o>

Prenota un incontro

<https://bookings.cloud.microsoft/book/Prenotaunappuntamento@epsa.com/?ismsaljsauthenabed>