



HORIZON EUROPE

THE EU RESEARCH & INNOVATION PROGRAMME

2021 – 2027

SUPPORT TO ESFRI PROJECTS

DOMINIK SOBCZAK

ESFRI Exchange of Experience Workshop

15 November 2021



Call - Developing and consolidating the European research infrastructures landscape, maintaining global leadership (2021)

- **HORIZON-INFRA-2021-DEV-02-01:**
Preparatory phase of new ESFRI research infrastructure projects
- **HORIZON-INFRA-2021-DEV-02-02:**
Consolidation of the research infrastructure landscape – Individual support for ESFRI projects



TIMING

- Call opening:
30 Sep. 2021
- Deadline:
20 Jan. 2021

HORIZON-INFRA-2021-DEV-02-01: Preparatory phase of new ESFRI research infrastructure projects



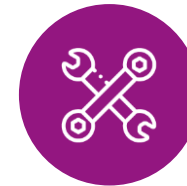
TYPE OF ACTION

- Coordination and Support Action (CSA)



BUDGET

- Total indicative budget for the topic: EUR 36 million
- Expected EU contribution per project: EUR 1.5 – 3.0 million



OTHER CONDITIONS

- Target of the Call: 11 new Projects which entered the ESFRI Roadmap in 2021

HORIZON-INFRA-2021-DEV-02-01: Preparatory phase of new ESFRI research infrastructure projects

Context:

ESFRI Roadmap 2021 identifies 11 new research infrastructure projects as European investment priorities. The primary objective of this call is to facilitate their effective implementation.

Expected Outcomes:

- structuring of the ERA through long-term perspective for RI investments;
- enhancing problem solving capacities of European research and innovation to address challenges in science, industry and society;
- developing solid ground for the decision making on new research infrastructures for MS/ACs, their funding bodies and other relevant stakeholders
- consistent and well-functioning European research infrastructures ecosystem through the development of synergies and complementarities between new and existing research infrastructures

HORIZON-INFRA-2021-DEV-01-01: Support to the European Strategy Forum on Research Infrastructures

Scope:

Proposals for research infrastructure preparatory phases should tackle all **key questions concerning legal, financial and technical** issues leading to the **establishment of a new research infrastructure and ensuring commitment** of Member States/Associated Countries to their long term operation and use in all fields of science.

Proposal consortia should **involve all the stakeholders** necessary to move the project forward, to take the decisions, and to make financial commitments, in view of **establishing the RI**, such as:

- national/regional ministries/governments
- research councils or funding agencies

from the countries that have **already declared their support and/or commitment** to the Project.

HORIZON-INFRA-2021-DEV-01-01: Support to the European Strategy Forum on Research Infrastructures

Scope:

The following aspects should be addressed:

- the development of **legal and financial frameworks/plans** relating to the **setting-up, construction and/or integration of national resources**, operation and decommissioning of the research infrastructure;
- the preparation of **legal and financial agreements**, including **site, governance, internal rules, financing** of the new research infrastructure (a formal deliverable, e.g. MoU, draft ERIC statutes, etc.)
- **plans for logistics and human resources management**, in relation to the **construction or integration and future operation**, as well as for an efficient **data curation and preservation** and for the **provision of access to data**
- the **technical challenges** concerning the joint development, transfer of knowledge and implementation of key RI technologies and the completion of the **final technical design**

HORIZON-INFRA-2021-DEV-01-01: Support to the European Strategy Forum on Research Infrastructures

Scope:

The following aspects should be addressed (continued):

- the development of **plans for the provision of RI services** to identified scientific user communities;
- the relevance of the RI for science and society, including its **socio-economic impacts** at local/regional level and **links with the smart specialisation strategies** at regional level;
- **environmental** (including climate-related) **impacts** as well as the optimisation of resource and energy use.

Proposals should explain any synergies and complementarities with previous or current EU grants.

HORIZON-INFRA-2021-DEV-02-01: Consolidation of the research infrastructure landscape – Individual support for ESFRI projects



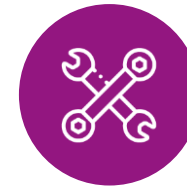
TYPE OF ACTION

- Coordination and Support Action (CSA)



BUDGET

- Total indicative budget for the topic: EUR 7,5 million
- Expected EU contribution per project: EUR 1.0 – 1.5 million



OTHER CONDITIONS

- Target of the Call: 5 ongoing Projects which entered the ESFRI Roadmap in 2016

HORIZON-INFRA-2021-DEV-02-01: Consolidation of the research infrastructure landscape – Individual support for ESFRI projects

Context:

The **ESFRI Monitoring exercise** carried out for the update of the ESFRI Roadmap 2021 highlighted a number of key aspects that could **hamper the implementation and start of the operation** phase of 5 ESFRI Projects from the 2016 Roadmap (DANUBIUS-RI, EMPHASIS, E-RIHS, EST, KM3Net2.0).

Expected Outcomes:

- enhanced ERA excellence and attractiveness;
- consistent and well-structured research infrastructures ecosystem in Europe;
- solid Member States/Associated Country engagement in fully-fledged pan-European RIs;
- long-term perspective for investments in research infrastructures;
- synergies and complementarities between new and existing research infrastructures, including technology infrastructures and infrastructures financed by ERDF

HORIZON-INFRA-2021-DEV-02-01: Consolidation of the research infrastructure landscape – Individual support for ESFRI projects

Scope:

- Proposals are expected to **specifically address the bottlenecks** identified in the ESFRI Monitoring report and in the Report of the Commission High Level Expert Group, and allow these ESFRI projects to **enter into the implementation phase**.
- Based on these recommendations, support can be provided for such **activities** as:
 - enlargement of the membership;
 - establishment of the governance structure;
 - securing the funding;
 - finalisation of the distributed architecture;
 - development of ICT and data management solutions (incl. possible open access to data);
 - development of access policies and users' strategies;
 - consolidation of the international dimension;
 - addressing staff and procurement related issues.

HORIZON-INFRA-2021-DEV-02-01: Consolidation of the research infrastructure landscape – Individual support for ESFRI projects

Scope:

- Proposal consortia should **involve all the stakeholders** necessary to move the project forward, to take the decisions, and to make financial commitments, in view of **establishing the RI**, such as:
 - national/regional ministries/governments
 - research councils or funding agencies

Proposals should explain any synergies and complementarities with previous or current EU grants.



Thank you!

For more info:

- Commission's website on Research Infrastructures:
https://ec.europa.eu/info/research-and-innovation/strategy/strategy-2020-2024/our-digital-future/european-research-infrastructures_en
- Horizon Europe:
https://ec.europa.eu/info/research-and-innovation/funding/funding-opportunities/funding-programmes-and-open-calls/horizon-europe_en
- European Strategy Forum on Research Infrastructures:
www.esfri.eu

Follow us:

- Commissioner Mariya Gabriel: [@GabrielMariya](https://twitter.com/GabrielMariya)
- Director-General Jean-Eric Paquet: [@JEPaquetEU](https://twitter.com/JEPaquetEU)
- DG Research and Innovation: [@EUScienceInnov](https://twitter.com/EUScienceInnov)

