



European Strategy Forum  
on Research Infrastructures

ESFRI

# EU support for ESFRI Research Infrastructures

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Strategy Report on Research Infrastructures  
**ROADMAP 2026**

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# Research Infrastructures – A priority area for joint action in the EU

## Council Recommendation on a **Pact for Research & Innovation in Europe**

**Research infrastructures** as a priority area for joint action in the Union:

- Develop further the **open access** to, and better **exploitation and connection** of existing and new European and national research infrastructures, including e-infrastructures, in all the fields of science;
- Exploit better their **integrative function** in the knowledge and innovation ecosystem and their potential in providing solutions to global challenges, in forming partnerships & pooling resources & connection to EOSC;
- Improve their connection & interaction with **technology infrastructures & industry** to increase their impact;
- Promote the creation of **new infrastructural capacities** on a European scale.

Doing so will provide foundations for scientific excellence and help European science collaborate and compete globally, contribute to bridging the R&I gap and foster inclusiveness in the ERA; this will require, inter alia, employing a **broader range of funding sources** for world-leading research infrastructures and exploring novel ways of funding transnational and virtual access.

**European Research Area Policy Agenda: priority action**

**Strengthen sustainability, accessibility and resilience of research infrastructures in the ERA**



## SPECIFIC PROGRAMME: EUROPEAN DEFENCE FUND

*Exclusive focus on defence research & development*

Research actions

Development actions

## SPECIFIC PROGRAMME IMPLEMENTING HORIZON EUROPE & EIT\*

*Exclusive focus on civil applications*



**Pillar I**  
EXCELLENT SCIENCE

European Research Council

Marie Skłodowska-Curie

Research Infrastructures



**Pillar II**  
GLOBAL CHALLENGES & EUROPEAN INDUSTRIAL COMPETITIVENESS

Clusters

- Health
- Culture, Creativity & Inclusive Society
- Civil Security for Society
- Digital, Industry & Space
- Climate, Energy & Mobility
- Food, Bioeconomy, Natural Resources, Agriculture & Environment

Joint Research Centre



**Pillar III**  
INNOVATIVE EUROPE

European Innovation Council

European innovation ecosystems

European Institute of Innovation & Technology\*

WIDENING PARTICIPATION AND STRENGTHENING THE EUROPEAN RESEARCH AREA

Widening participation & spreading excellence

Reforming & Enhancing the European R&I system

Fusion

Fission

Joint Research Center



# Research Infrastructures in Horizon Europe – Overall Aim

“The overall aim is to endow Europe with **world-class sustainable** research infrastructures **open and accessible** to all researchers in Europe and beyond, which fully exploit their potential for **scientific advance and innovation**.

Key objectives are to **reduce the fragmentation** of the R&I ecosystem, **avoiding duplication** of effort, and to **better coordinate** the design, development, accessibility and use of research infrastructures ...”



# Research Infrastructures Work Programme Destinations

- INFRADEV: **Developing, consolidating and optimising** the European research infrastructures landscape, maintaining global leadership
- INFRA SERV: **Research infrastructure services** to support health research, accelerate the green and digital transformation, and advance frontier knowledge
- INFRA TECH: **Next generation of scientific instrumentation, tools** and methods and advanced digital solutions
- INFRA EOSC: Enabling an operational, open and FAIR **European Open Science Cloud (EOSC)** ecosystem
- INFRA NET: **Network connectivity** in research and education - enabling collaboration without boundaries



# Developing, consolidating and optimising the European research infrastructures landscape, maintaining global leadership

- **Concept development** for a RI
- **Preparatory and early phase implementation** of Projects in ESFRI Roadmap
- **Consolidation of the RI landscape** – individual support, complementarities, synergies, integration
- **Strengthen the international dimension** of RI



# RI services to support health research, accelerate the green & digital transformation, and advance frontier knowledge

- **RI services** e.g. access to unique scientific tools and facilities, samples provision, processing and analysis, data and modelling services
- **Efficient and customised** research infrastructure services
- **Curiosity-driven, challenge-driven and interdisciplinary** approaches for provision of services



# Next generation of scientific instrumentation, tools and methods and advanced digital solutions

New technologies and solutions

- for constant **adaptation, upgrading** and **innovation**
- for reducing the **environmental and climate footprint** of RI





# Enabling an operational, open and FAIR European Open Science Cloud (EOSC) ecosystem

- Establish a sustainable and **federated infrastructure** enabling open sharing of scientific results
- Enable the definition of standards, and the development of **tools and services**, to allow researchers to find, access, reuse and combine results
- Ensure that **Open Science practices and skills** are rewarded and taught, becoming the norm across the European Research Area

## Network connectivity in research and education

- High-bandwidth **networks** and **network services** to interconnect researchers, data and computing resources

