

Other Funding Opportunities

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31 March 2021

Horizon Europe



Research Infrastructures

Main novelties of RI WP in HEU:

- A new challenge-driven approach will join the science-driven one
- Emphasis on customisation and integration of (different) RI services to better support research addressing global challenges and political priorities
- Integrating Activity instrument discontinued: support to access provision and higher levels of integration separated from joint research for the next generation of instrumentation
- New efforts to consolidate the existing landscape of European RI

The strategic orientations 2021-24 objectives are:

- **Consolidate and enhance** the EU RI landscape
- Support **Open Science and data-driven research** through the European Open Science Cloud (EOSC)
- Enable and drive the green and digital transformation through **RI services**
- Push limits of **frontier research**
- Develop **cutting-edge technologies** for RIs and foster innovation
- Enhance the **international dimension** of RIs



RI Programme

Is **not**:

- **building** RIs.

MS and third countries come together to build RIs with Structural Funds and National Funding/in-kind contributions.

- Funding capital costs (with some exceptions)

It **is** aiming to:

- Develop an **advanced RI system** for the ERA
- Support **Trans-National & Virtual Access** to RI
- Facilitate MS agreement on **roadmaps** for future pan-European RIs and **RI upgrades via ESFRI**
- Foster **international cooperation** of facilities, links with the private sector, and compliance with **EOSC**



Calls Opening 8th June 2021, Deadline 23rd September 2021: Budget €216.8M

- Developing, consolidating and optimising European Research Infrastructures to maintain global leadership – 5 topics
- Enabling an operational, open and FAIR EOSC ecosystem – 7 topics
- Research Infrastructure services to support health research, accelerate the green and digital transformation, and advance frontier knowledge – 7 topics
- Next generation of scientific instrumentation, tools and methods – 1 topic



€53.5bn
(excluding
Associated Country
contributions)



**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** (€2bn)

Total funding excludes UK and other
Associated Country contributions

Health (€8.3 billion over 2021-2027)

1. Staying healthy in a rapidly changing society
2. Living and working in a health-promoting environment
3. Tackling diseases and reducing disease burden
4. Ensuring access to innovative, sustainable & high quality health care
5. Unlocking the full potential of new tools, technologies and digital solutions for a healthy society
6. Maintaining an innovative, sustainable and globally competitive health industry

2021-2022 Draft Work Programme: At least 48 call topics worth €1.8 bn

Culture, Creativity and Inclusive Society (€2.3 bn)

1. Innovative research on democracy and governance
2. Innovative research on European cultural heritage and the cultural and creative industries
3. Innovative research on social and economic transformations

2021-2022 Draft Work Programme: At least 47 call topics worth €423 m

Civil Security for Society (€1.6 bn)

1. Better protect the EU and its citizens against crime and terrorism
2. Effective management of EU external borders
3. Resilient infrastructure
4. Increased cybersecurity
5. A disaster resilient society for Europe
6. Strengthened security research & innovation

2021-2022 Draft Work Programme: At least 94 projects funded worth €413 m

- [Horizon Europe Collaborative Funding Overview Webinar](#)
- [Cluster webinars](#)

Digital AI, data & computing / photonics & electronics (€15.4 bn)

/ smart networks & connectivity / robotics / quantum / digital economy

Industry Circular industries / resource & energy efficiency / digital & agile manufacturing / sustainability by design / smart, multi-functional materials (incl. graphene, nano & bio) / advanced materials for energy storage (incl. hydrogen & electrification)

Space Satellite technology / access to space / space data / space science / space robotics

2021-2022 Draft Work Programme: No of topics and value tbc

Climate Climate sciences & responses / a competitive & sustainable (€15.1 bn)

European battery value chain / emerging breakthrough technologies & climate solutions / citizens & stakeholder engagement / communities & cities

Energy Global leadership in renewable energy / energy systems, grids & storage / carbon capture, utilisation & storage / cross-cutting issues / highly energy-efficient & climate neutral EU building stock / industrial facilities in the energy transition / hydrogen partnership

Mobility Zero-emission road transport / aviation / enabling climate neutral, clean, smart & competitive waterborne transport / impact of transport on environment & human health / connected, cooperative & automated mobility (CCAM) / safety & resilience - per mode & across all modes / multimodal & sustainable transport systems for passengers & goods

2021-2022 Draft Work Programme: 421 projects funded worth €2.77 bn

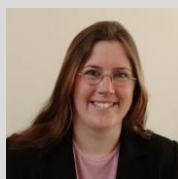
Food, Bioeconomy, Natural Resources, Agriculture and Environment (€9.0bn)

1. Biodiversity & ecosystem services
2. Fair, healthy & env.-friendly food systems from primary production to consumption
3. Circular economy & bioeconomy sectors
4. Clean environment & zero pollution
5. Land, oceans & water for climate action
6. Resilient, inclusive, healthy & green rural, coastal & urban communities
7. Innovative governance, env. observations & digital solutions in support of the Green Deal

2021-2022 Draft Work Programme: At least 183 call topics worth €1.76 bn



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Health
Health
(Academia)



Jo Frost
Health
(Industry)



Anni Laihanen
Culture, Creative
& Inclusive
Society



Zale Johnson
Security



Stafford Lloyd
Digital



Abishek Ramesh
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