

# The EU programme for research infrastructures

## Modalities for industry participation



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# EU science budget – the EU research framework programme, Horizon Europe (2021-2027, € 95b )

- Most of you will know of EU research projects. The typical EU project has partners from at least three different Member States.
- Universities are the main recipients. But 45% of H2020 grants included private for profit entities, which received almost 20b euro, approx. 28% of total funding distributed. Of this 20b to industry, 204 million came from the RI programme.
- Collaborative research grants are the bulk of the research budget, but there are other funding instruments – ERC grants, EIC grants, partnerships...
- There is a variety of mechanisms for industry to obtain funding from the EU's research programme. I am here today to explain to you how industry can participate, more specifically, in the part of the programme dedicated to research infrastructures.

# What is the EU research infrastructures programme

- A part of the general European Union's Research Framework Programme
  - In the current edition of the research programme, Horizon Europe, 2021-2027, the budget for RIs is 2.4 billion out of a total budget of € 95b
- The RI programme invests money in
  - Transnational access (since 1988)
  - Defining a joint roadmap (since 2006) of new RIs (including ERICs) / upgrades – through an intergovernmental group, ESFRI. ESFRI-listed RIs can obtain our funds for design and preparation.
  - Building communities / networks / tech roadmaps / innovation

# Modalities of industry participation

- Grants for deploying technology roadmaps
  - Networks of laboratories (plus other partners) doing joint research on a shared agenda.
- Grants for designing a new research infrastructure
  - Industry partners contribute to the design of new, one-off components that are part of a technical design.
- Grants for the preparatory phase of a new research infrastructure
  - PPs are generally for setting up legal entities and governance models, but sometimes include key technical specifications.
- Other types of participation
  - Pre-commercial procurement grants, TNA user, Networking projects (CSAs) with various purposes.

# Networking and learning with industry

- The EU's RI programme also supports the ATTRACT initiative, a novel mechanism to foster innovation ecosystems around RIs.
  - ATTRACT is a cascade grant where a consortium of big science laboratories launches its own call for proposal on detection and imaging technologies. The objective is potential market applications.
- We are in touch with other EU initiatives to foster innovation around Big Science (EIC, EURATOM programme)
- We have actions to support the networking of ILOs and ICOs
- We try to stay informed of private sector initiatives (platforms for industry *users* of RI services)

We are looking forward to learning from you

For more information

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