



Research Infrastructures activities in Horizon 2020

Work Programme 2018-2020

INFRADEV-03-2018-2019 Individual support to ESFRI & OWCRI

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Individual support to ESFRI & OWCRI

Previous work programmes

WP 2014-2015:

- **INFRADEV-3-2015: individual support to implementation and operation of ESFRI projects in the context of the prioritisation exercise (ELIXIR, EPOS, European Spallation Source, BBMRI, CESSDA, CLARIN, CTA, DARIAH, ECCSEL, EISCAT-3D, ELI, EMSO, European Social Survey, SHARE and SKA)**

WP 2016-2017:

- **INFRADEV-03-2016-2017: individual support to ESFRI and other world-class research infrastructures (CERIC, DARIAH, ECRIN, EMSO, ICOS, ILL, INFRAFRONTIER, INSTRUCT, JIVE, SPIRAL-2)**
 - Introduce criteria on legal structure
 - Focus on the long-term sustainability of RI, enlargement of the membership, European coverage, international cooperation, limited pilots of access provision for testing and improving user services

Calls in the RI 2018-2020 WP

1. **Development and long term sustainability of new pan-European RIs**
2. **Implementing the EOSC**
3. **Integrating and Opening RIs of European Interest**
4. **European Data Infrastructure**
5. **Demonstrating the role of RIs in the translation of Open Science into Open Innovation**
6. **Support to policy and International cooperation**



Call 1

Development & LTS of new pan-European RIs

To facilitate and support preparation & implementation of the ESFRI and other world-class RIs, which will help Europe to respond to grand challenges in science, industry and society.

Emphasis on long-term sustainability, on fostering the innovation potential, on data management and the connection to the EOSC

1. Design studies
2. Preparatory Phase of new ESFRI projects
3. **Individual support to ESFRI & OWCRI**



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Individual support to ESFRI & OWCRI

Objective:

- Facilitate and support **long-term sustainability** and efficient operation of the ESFRI & Other World-Class RI (OWCRI)

Target:

- Target individual ESFRI RI and OWCRI of European interest, with **established governance and legal structure** such as ERIC or any other suitable structure with international membership. RI having submitted a first step ERIC application can apply too.

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Individual support to ESFRI & OWCRI

Scope: address the issues raised in the **Sustainable** SWD



- **Membership enlargement**, European coverage,
- **International cooperation**,
- **Limited pilots of access provision for testing and improving user services to increase reliability and create trust**,
- **Definition of business model & service model agreements**,
- **Fostering innovation potential of RI through interaction with industry and SMEs**,
- **Development & integration of RPF in the RI landscape.**

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Specific Features - Activities

- *Organisation of the logistic support for researchers, definition of access policies for researchers and management of IPRs and ethical issues;*
- *Integration of the new entity in the European landscape of related facilities;*
- *Promotion of LTS including the involvement of funders, enlargement of the membership, the preparation of business plans beyond the end of the grant, clear assessment of the costs for serving a user and for dealing with and making available the produced data, in line with the FAIR principles;*
- *Development of RPF, help the RPF meet the same standards required for pan-European RI;*
- *Limited pilots of TNA provision to research communities following IA rules;*
- *Outreach across borders and disciplines to create awareness about the services provided;*
- *Coordination with national or international related initiatives and support to the deployment of global and sustainable approaches in the field; development of synergies with GEOSS, Copernicus and other relevant European initiatives, when appropriate;*
- *Mapping of infrastructures, users, investments, etc. for supporting policy developments;*
- *activities to increase the potential for innovation, including social innovation, of the related infrastructure, such as networking with industries (including SMEs), facilitating their involvement as partners of the research infrastructures for technological developments, developing customised services for industry and SMEs, dissemination of research outcome and technology transfer.*



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Individual support to ESFRI & OWCRI

- **Deadlines:** **22 March 2018** (opening 5 Dec 2017)
20 March 2019 (opening 14 Nov 2018)
- **Total indicative budget:** **60 M€** (15 M€ in 2018, 45 M€ in 2019)
- **EU contribution per proposal (RIA):** **2 - 5 M€**
- **Competitive basis:** proposals must demonstrate their crucial need for the requested support and how this will ensure their sustainability
- **Proposals must explain complementarities with previous or current EU grants.**

Thank you for your attention

HORIZON 2020

The image features a large, dark blue Earth in the background, showing the horizon. In the center, a smaller, transparent globe of the Earth is positioned on the horizon line. The text 'HORIZON 2020' is written in white, uppercase letters across the center, with the smaller globe acting as the letter 'O'. Bright blue light rays emanate from behind the smaller globe, creating a lens flare effect. The overall color palette is dominated by various shades of blue.