



# Work Programme 2018-2020

## Fostering the innovation potential of RIs

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***Disclaimer: The following slides reflect the initial ideas for WP 18/20. They may be substantially altered before the official draft WP will be presented to the RIC***

# Research Infrastructures in Horizon 2020

## *Specific Programme*

### *Fostering the innovation potential of RIs*

- *To stimulate **innovation** both in the RIs themselves and in their supplier and user industries*
  - ✓ **R&D partnerships with industries to develop Union capacities in high-tech areas such as scientific instrumentation**
  - ✓ **pre-commercial procurement by RI actors**
  - ✓ **stimulate the use of RIs by industry**
  - ✓ **Encourage the integration of RIs into local, regional and global innovation ecosystems**



# Research Infrastructures in Horizon 2020

## *Mainstreaming of innovation in all actions*

### ➤ **Integrating Activities**

- cooperation with Industry in every proposal
  - transfer of knowledge and other dissemination activities
  - use of research infrastructures by industrial researchers
  - involvement of industrial associations in consortia or in advisory bodies
- Support action for **procurement** (PCP/PPI scheme)
- Support to **Technological Infrastructures**
- Fostering **co-innovation** between RIs and industry



# Research Infrastructures

## *Proposed Calls for WP 2018-2020*

1. Addressing the long term sustainability of pan-European RIs
  2. Interoperability and 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. Policy and International cooperation
- Other Actions: GÉANT Framework Partnership Agreement

***Around €1,1 billion to be awarded over 3 years***

## **Call 5: Demonstrating the role of RIs in the translation of Open Science into Open Innovation**

Large initiatives and support measures to foster the innovation potential of research infrastructures:

1. Stimulate the innovation potential of SMEs (CNECT)
2. Network of research infrastructure Industrial Liaison Officers (RTD)
3. *Co-Innovation platform for research infrastructure technologies (RTD) (2020)*
4. *Innovation pilots (RTD) (2020)*

# **INFRAINNOV-01-2018 (CNECT)**

## ***Stimulate the innovation potential of SMEs***

**Specific Challenge: Providing an effective mechanism for inclusion of innovative, agile SMEs in the EOSC / EDI**

***Stimulate the innovation potential of SMEs in the following domains:***

- as users of EOSC services provided by public pan-European e-infrastructures to improve their own service offering
- as users of advanced HPC services
- The action will involve financial support to third parties in the form of grants

# INFRAINNOV-02-2019

## *Network of RI Industrial Liaison Officers*

**DRAFT**

Support the establishment of a **network of Industrial Liaison Officers** of pan-European RI, in particular ESFRI or other relevant world class RI with a European membership and governance

- *addressing **exchange of best practises**, enhanced cross-border and cross-thematic **brokerage events**, joint **awareness campaigns** towards industry (including SMEs), ...*
- *covering a wide range of scientific domains*
- ***portals of calls, tenders**, future needs and technology transfer opportunities per technological domain could also be developed*

# **Call 5: Demonstrating the role of RIs in the translation of Open Science into Open Innovation (continued in 2020)**

**DRAFT**

## **INFRAINNOV-03-2020: Co-Innovation platform for research infrastructure technologies**

- innovation projects to integrate RIs with industry in a **co-development/co-creation** effort on the basis of their strategic potential to connect science, industrial leadership and societal challenges
- follow-up of the 2017 co-innovation platform for detection & imaging technologies

## **INFRAINNOV-04-2020: Innovation pilots**

- Targeting larger communities of RIs in **partnerships with industry and SMEs** for the implementation of strategic roadmap and/or joint research activities **in key technologies for the RI** development and upgrade
- Complementary to the IA pilot action
- Targeted approach



## TIMETABLE TOWARDS THE ADOPTION OF THE WORK PROGRAMME 2018-2020

Jan – May	<b>Preparation of draft WP parts</b>
<i>17 March</i>	<i>PC meeting</i>
<i>31 March</i>	<i>Deadline for RI PC Members' initial feedback</i>
<i>24 April</i>	<i>WP text to PC members</i>
<i>12 May</i>	<i>PC meeting</i>
<i>22 May</i>	<i>New version to PC</i>
June	<b>Final Draft WP parts submitted to coordination Unit</b>
<i>9 June</i>	<i>PC meeting</i>
July - August	<b>Inter-service consultation</b>
Mid Sept - early Oct	<b>Opinions of PC configurations</b>
<i>22 September</i>	<i>PC meeting</i>
End of October	<b>Adoption of the WP for 2018-2020 + publication of the calls for proposals</b>