Untangling the EU Funding Landscape

Personal perspectives and insights into the latest research & innovation funding conversations taking place in Brussels

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UKRO’s Mission

• To maximise UK engagement in EU research, innovation and higher education activities

Leading provider of information and impartial support for the research and higher education sector

UKRO

– European Office of the UK Research Councils
– Based in Brussels, established in 1984
– Delivers a subscription based advisory service for research organisations; comprehensive support for research managers/organisations
– Provides Horizon 2020 NCP services on behalf of UK Government
Maximise your engagement in the EU research landscape

**Navigate**

- the EU funding landscape with confidence
- build a map of the growing number of actions and how these interact with Horizon 2020
- current R&I policies and shape future developments

**Contribute**

- to discussions on how the funding landscape might evolve
- your ideas about how changes to the landscape might impact on your work and the opportunities available for researchers
The Story Since 1984: FP1 – Horizon 2020

- Evolution of policy environment
- Expanded programme scope and objectives
- FP7 & H2020 seven year programmes...

Framework Programme Budgets

- FP1 (3.3b€)
- FP2 (5.4b€)
- FP3 (6.6b€)
- FP4 (13.2b€)
- FP5 (14.9b€)
- FP6 (19.3b€)
- FP7 (55.9b€)
- H2020 (77b€)

* European Commission figures March 2017
“Open Call”
Calls which allow the applicants to choose the topic of their proposal

“Targeted Call”
Calls which provide a broad topic proposals respond to

“Calls for Tender”
Calls which ask for a specific research service to be provided
Horizon 2020: Who is eligible?

All 28 EU Member States:

- Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, United Kingdom
Horizon 2020: Who is eligible?

• **Overseas Countries and Territories (OCT) linked to the Member States**
  – Anguilla, Aruba, Bermuda, Bonaire, British Virgin Islands, Cayman Islands, Curaçao, Falkland Islands, French Polynesia, Greenland, Montserrat, New Caledonia, Pitcairn Islands, Saba, Saint Barthélémy, Saint Helena, Saint Pierre and Miquelon, Sint Eustatius, Sint Maarten, Turks and Caicos Islands, Wallis and Futuna

• **Associated Countries:**
  – Norway, Albania, Bosnia and Herzegovina, the former Yugoslav Republic of Macedonia, Montenegro, Serbia, Turkey, Israel, Moldova, Switzerland, Faroe Islands, Ukraine, Tunisia, Armenia and Georgia.
  – Third countries (whether they can receive funding depends on GDP/list in WP)

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• **PLUS: Co-funding mechanisms** - South Korea, Mexico, China, Russia, Japan, Australia, India, regions of Brazil and Canada
Each Societal Challenge homepage contains variously:

- FAQs;
- Policy background and rationale;
- Links to objectives or strategies;
- Links to calls;
- Flash call information;
- Events.
Beyond the Basics: exploring the details

H2020

COST Actions

PPPs

JPIs

JTIs

Article 185s

ERA-Nets

NB: Not an exhaustive list – does not include non-FP areas…
COST is the longest-running European framework supporting trans-national cooperation among researchers, engineers and scholars across Europe.
Joint Programming Initiatives

The following Joint Programming Initiatives (JPIs) have been launched to date (please see News for more details):

- Alzheimer and other Neurodegenerative Diseases (JPND)
- Agriculture, Food Security and Climate Change (FACCE)
- A Healthy Diet for a Healthy Life
- Cultural Heritage and Global Change: A New Challenge for Europe
- Urban Europe - Global Urban Challenges, Joint European Solutions
- Connecting Climate Knowledge for Europe (CLIK’EU)
- More Years, Better Lives - The Potential and Challenges of Demographic Change
- Antimicrobial Resistance - The Microbial Challenge - An Emerging Threat to Human Health
- Water Challenges for a Changing World
- Healthy and Productive Seas and Oceans
Article 185s


- BONUS (Baltic Sea) [https://www.bonusportal.org](https://www.bonusportal.org)


- EMPIR [https://www.euramet.org](https://www.euramet.org)

- EUROSTARS2 [http://www.eurekanetwork.org/eureka-eurostars](http://www.eurekanetwork.org/eureka-eurostars)
ERA-NETs

EUROPEAN RESEARCH AREA
Coordination of Research Programmes

NAVIGATION

About coordination
Joint Programming
Art. 185
ERA-NET scheme
ERA-NET in Horizon 2020
NETWATCH and ERA-LEARN
ERA-NET under FP7
ERA-NET in FP6

ERA-NET scheme

Highlights

- In the Work Programme 2014-2015 of Horizon 2020, more than 20 ERA-NET Cofund actions and a number of CSAs (including those in support to JPIs) are planned. The budget dedicated to ERA-NET Cofund actions amounts to close to 93 M€ in 2014 and more than 163 M€ in 2015.

- Issue №6 of the ERA-NET Newsletter by ERA-LEARN for research funders and policy makers in Europe! This newsletter contains information about ERA-NETs, Joint Programming Initiatives, related events and news from ERA-LEARN and is published 2-3 times per year. If you are a research funder, or any other individual or organisation involved in the coordination and collaboration of national research and innovation activities, and you would like to receive this ERA-NET Newsletter automatically, please register here.
JTIs in H2020

7 Joint Technology Initiatives

• Innovative Medicines Initiative (IMI2)
• Clean Sky 2
• Single European Sky ATM Research (SESAR)
• Fuel Cells and Hydrogen 2 (FCH2)
• Bio-based Industries (new in H2020)
• Electronic Components and Systems for European Leadership (ECSEL)
• Shift2Rail (new in H2020)
Public Private Partnerships

- Unlike Joint Technology Initiatives, these contractual PPPs do not organise their own calls. Instead, funding is awarded through open calls under the Horizon 2020
  - Factories of the Future, FoF
  - Energy-efficient Buildings, EeB
  - European Green Vehicles Initiative, EGVI
  - Sustainable Process Industry, SPIRE
  - Photonics
  - Robotics
  - High Performance Computing, HPC
  - Advanced 5G networks for the Future Internet, 5G
“Seen as a means to drive economic growth and create jobs, Horizon 2020 has the political backing of Europe’s leaders and the Members of the European Parliament [...] research is an investment in our future and so put it at the heart of the EU’s blueprint for smart, sustainable and inclusive growth and jobs.”
Horizon 2020 instruments - EU policy context – Jobs, Growth and Investment

- **Job creation/sustainable jobs**
  - Training the next generation of researchers (MSCA)
  - Support for excellence (ERC)

- Europe’s global competitiveness
  - Closing the innovation divide (Teaming/Twinning/ERA Chairs)
  - New skills and competencies (Societal Challenges and LEIT)

- Growth
  - New European R&I/industrial leadership (FET)
  - Grand challenges, productivity and competitiveness (Research Infrastructures)

- Horizon 2020 financial instruments
  - Innovation Investment Package (PPPs)
Moedas’ 3 O’s – policies and initiatives

**Open Innovation**
- Involving more actors
- Creating the right innovation eco-system
- Improve the regulatory environment

**Open Science**
- “Openness is the key to excellence”
- Open data and data management
- Research integrity

**Open to the world**
- “Europe is a global leader in science”
- More science diplomacy and global collaboration
- Partnerships between regions and countries
Just around the corner...

• Preparations towards the 2018-2020 Work Programmes

Early feedback suggests...

• Continuity with Horizon 2020: "an evolution, not a revolution"
• Continue with the societal challenge-based approach
• Support both research and innovation
• Continue with simplification
Co-design of FP9

• Insights into future orientations/direction of travel for FP9...

• Key questions
  – What could be done differently in FP9?
  – Mission orientated approaches for FP9?
  – How to tackle oversubscription/ how to tackle widening?
  – New simplification measures, lump sums, output based funding?
  – How might the use of loans evolve?
  – How will the EIC evolve?
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