

# UKRO Annual Visit University of Bristol

15 March 2019

UKRO European Advisor

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# Content

## 10:00-10:45

- **UKRO** – make most of our services
- **Brexit** – implications on the UK participation in Horizon 2020 and future EU R&I Programme

## 10:45-11:45

- **Horizon 2020** – remaining opportunities in 2019-20
- **Horizon Europe** developments

## 11:45-12:00

- **Bristol Office in Brussels** - Paul Davis

## PM session

**12:30-13:00** – Finances in H2020 - Session for Finance Services (Garden Room, Royal Fort House)

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# Horizon 2020

## 2019-2020 Opportunities



# Horizon 2020

## Excellent Science

European Research Council (ERC)

Future and Emerging Technologies (FET)

Marie Skłodowska-Curie Actions (MSCA)

Research Infrastructures

## Industrial Leadership

Leadership in Enabling and Industrial Technologies (LEIT) - ICT, NMBP, Space

Access to Risk Finance

Innovation in SMEs

## Societal Challenges

Health and Wellbeing

Food security

Transport

Energy

Climate action

Societies

Security

**Budget ~ €74.8 billion  
(in current prices) over  
seven years (2014-2020)**

Widening Participation; Science with and for Society, Mainstreaming of Social Sciences and Humanities (SSH) and ICT, Fast Track to Innovation

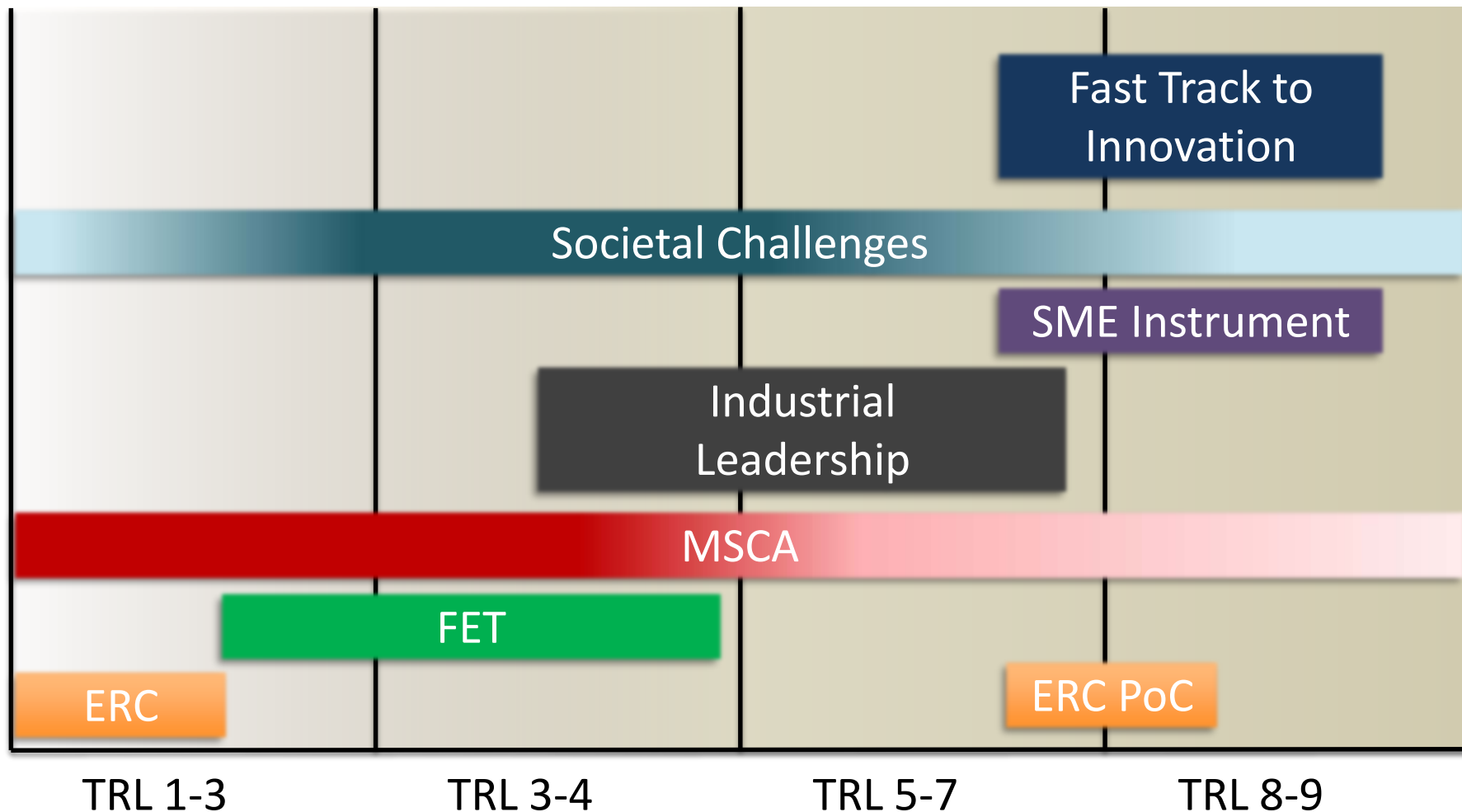
European Institute of Innovation and Technology (EIT)

EURATOM

Joint Research Centre (JRC)

# Technology Readiness Levels in Horizon 2020

## A Rough Guide



# H2020 – Types of Actions

Research and innovation actions (RIA) Innovation actions (IA)	‘Traditional’ multi-national, multi-partner collaborative projects
Coordination and support actions (CSA)	Actions consisting primarily of accompanying measures, e.g. standardisation, dissemination, networking
SME instrument	SMEs only – research can be subcontracted to HEIs
ERA-NET Cofund actions	Programmes run by network of national funders in specific field, part-funded by the EU from Horizon 2020. Issue calls for proposals in their own funding regimes.
European Joint Programme (EJP) Cofund actions	Action designed to support coordinated national research and innovation programmes
Pre-Contractual Procurement (PCP) actions	Public sector buys R&D to steer development of its solutions to its needs
Public Procurement of Innovative Solutions (PPI) actions	Public sectors acts as launching customer/early adopter/first buyer for innovative products and services
Prizes	All or nothing specific competitive calls – content varies

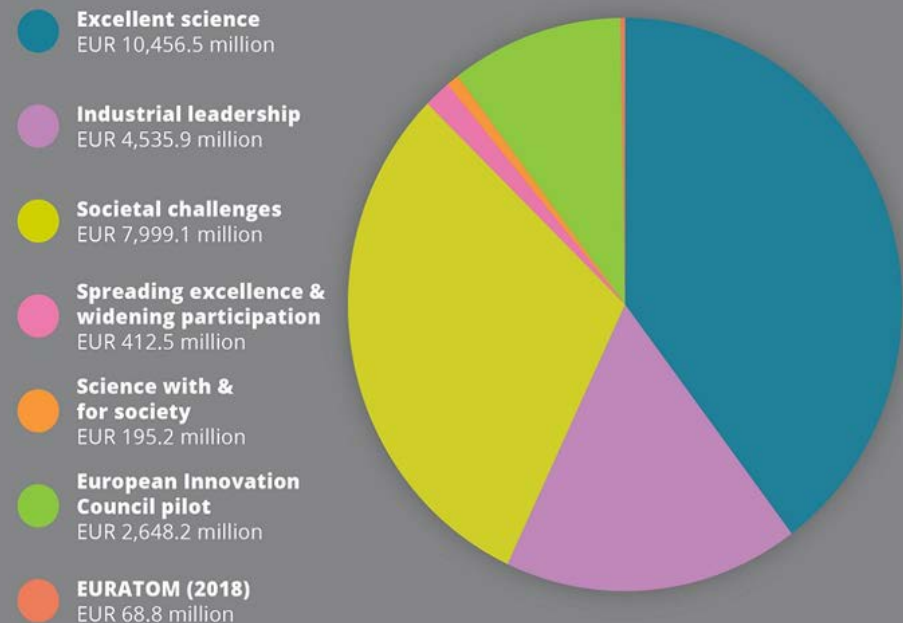
# 2018-2020 Work Programme

- Final three years **€30 billion funding**
- Last work programme for Horizon 2020 - further work will be needed to fill out 2020 priorities - **bridge** to Horizon Europe
- Taking into account the Interim Evaluation
- Deliver against the EU's political priorities and three O's (OPEN Science; Innovation and to the World)
- Maximise potential impact - enhancing impact statements at call and topic level

# Main Priorities 2018-20

- Increased investment in **sustainable development and climate** related R&I
- Integrating **digitisation** in all industrial technologies and societal challenges
- Strengthening **international R&I cooperation**
- **Societal Resilience**
- Market creating **innovation**

## HOW THE BUDGET BREAKS DOWN – 2018-2020



Data source: European Commission

# 2018-2020 Work Programme – Focus Areas

- Focus Areas - major actions which cut across the programme boundaries
- Aligns with major political/policy drivers- substantial
- In effect 'virtually linked calls'
- Call and topics still remain in their respective work programme parts



Low carbon  
future

Circular  
economy



Digitisation

Security  
union



# Focus areas - content

## Building a low-carbon, climate resilient future

LEIT-NMBP

LEIT-Space

SC2

SC3

SC4

SC5

## Circular Economy

LEIT-NMBP

SC2

SC3

SC5

## Digitising and transforming European industry and services

LEIT-ICT

LEIT-NMBP

LEIT-Space

SC1

SC2

SC3

SC4

SC6

## Boosting the effectiveness of the Security Union

LEIT-ICT

LEIT-Space

SC1

SC3

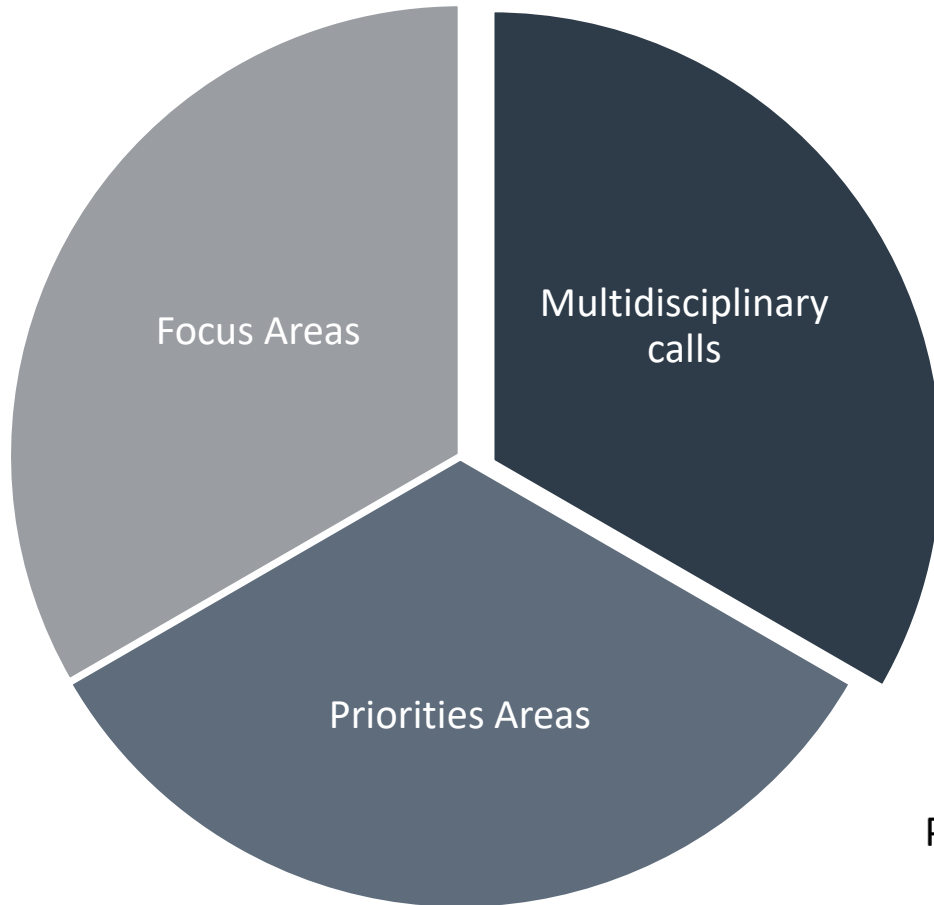
SC6

SC7

# Multidisciplinary Approach to Funding

Multidisciplinary  
Calls

- Throughout all three pillars



- Not enough to just state your work is multidisciplinary
- This must be clearly demonstrated e.g. through partner choice, methodology and interpretation of the call text
- If your project is not multidisciplinary it is better to not discuss it

Cross  
Cutting  
Priorities

- Climate Action and Sustainable Development
- Gender
- Social Science and Humanities

# Always consider SSH in H2020 projects; a must in 'SSH-flagged topics'

## Example

Expected Impact: • In line with the objectives of the Union pharmaceutical legislation on orphan medicinal products, proposals shall contribute to advance the development of new therapeutic options with concrete benefits for patients living with rare diseases.

- Develop a preliminary assessment of the potential economic and public health aspects of the new therapeutic option.

a wider context (at least one biological level from molecule to entire body). Proposals will focus on multi-disciplinary research in medicine, SSH and ICT and should take advantage when relevant of existing large databases in clinical medicine, biomedical or occupational research, environmental sciences, Social Sciences and Humanities (SSH), so enabling and facilitating the accumulation and relinking of complex and heterogeneous data collections.

# Gender Aspects - Links



- **Gendered Innovation**, Stanford University project:

<https://genderedinnovations.stanford.edu/>

- practical tools for researchers: methods to be used in a research project; case studies; checklist

- **Horizon 2020 Manual**, part on Gender equality:

[http://ec.europa.eu/research/participants/docs/h2020-funding-guide/cross-cutting-issues/gender\\_en.htm](http://ec.europa.eu/research/participants/docs/h2020-funding-guide/cross-cutting-issues/gender_en.htm)

- H2020 Gender Advisory Group paper on preparing grants that integrate the gender dimension into research.

<http://ec.europa.eu/transparency/regexpert/index.cfm?do=groupDetail.groupDetailDoc&id=18892&no=1>

## Gender equality

### GENDER EQUALITY IN HORIZON 2020

Gender equality concerns **all parts** of Horizon 2020. When drafting your proposal, you need to pay attention to gender equality from different angles, in terms of:

1. *Human resources*: balance between women and men in the research **teams** who will implement your project
2. *Content*: analysing and taking into account the possible differences between men and women, boys and girls, or males and females, in the research and innovation **content** of your project.

### GENDER BALANCE IN RESEARCH TEAMS AT ALL LEVELS

When **applying** for a grant under Horizon 2020, you are encouraged to promote gender balance at all levels in your teams and in management structures. Applicants should seek at having a balanced participation, as close as possible to 50/50, of both men and women in the teams and among the leading roles.

At the **evaluation stage**, gender balance in staff is one of the ranking factors that come into play to prioritise the proposals above the threshold with same scores. When it is used, evaluators need to compare the shares of men and women in the personnel named in the proposals (in Part B, section 4.1, of the proposal template) and they will rank higher the proposal with the share closer to 50/50.

[More on the use of gender balance as a ranking factor](#)

### INTEGRATING THE GENDER DIMENSION IN THE CONTENT OF RESEARCH AND INNOVATION

When **applying** for a grant under Horizon 2020, you are invited to explore whether and how the gender dimension is relevant to your research. In the proposal template (section 1.3), you are asked to "describe how sex and/or gender analysis is taken into account in the project's content".

# Sustainable Development Goals (SDG)

The SDGs will play a more prominent role in these final years of Horizon 2020 and into Horizon Europe development:



# Links With National Funding

- UK is committed to the delivery of the Sustainable Development Goals
  - by ensuring that the Goals are fully embedded in planned activity of each Government department including BEIS
- UK Strategy for [the Global Challenges Research Fund](#) (GCRF) which forms part of the UK's Official Development Assistance (ODA) commitment
- The GCRF is a £1.5 billion fund announced in late 2015 which aims to
  - “to ensure UK science takes the lead in addressing the problems faced by developing countries, whilst developing our ability to deliver cutting-edge research”
- [Three challenge areas](#):
  - Equitable Access to Sustainable Development
  - Sustainable Economies and Societies
  - Human Rights, Good Governance and Social Justice

## UK Strategy for the Global Challenges Research Fund (GCRF)



# GCRF Challenge Areas

## Equitable Access to Sustainable Development

- Secure and resilient food systems supported by sustainable marine resources and agriculture
- Sustainable health and well being
- Inclusive and equitable quality education
- Clean air, water and sanitation
- Affordable, reliable, sustainable energy

## Sustainable Economies and Societies

- Sustainable livelihoods supported by strong foundations for inclusive economic growth and innovation
- Resilience and action on short-term environmental shocks and long-term environmental change
- Sustainable cities and communities
- Sustainable production and consumption of materials and other resources

## Human Rights, Good Governance and Social Justice

- Understand and respond effectively to forced displacement and multiple refugee crises
- Reduce conflict and promote peace, justice and humanitarian action
- Reduce poverty and inequality, including gender inequalities.

# INCO in 2018-2020 WPs

- The following Flagship Initiatives for International Collaboration are included in the WPs:

International flagship collaboration with Canada for human data storage, integration and sharing to enable personalised medicine approaches.

EU-Africa Partnership on Food and Nutrition Security and Sustainable Agriculture

EU-China FAB Flagship initiative

All Atlantic Ocean Research Alliance Flagship

Urban mobility and sustainable electrification in large urban areas in developing and emerging economies

Cooperation with African countries on renewable energies

EU-India water cooperation

International cooperation on sustainable urbanisation

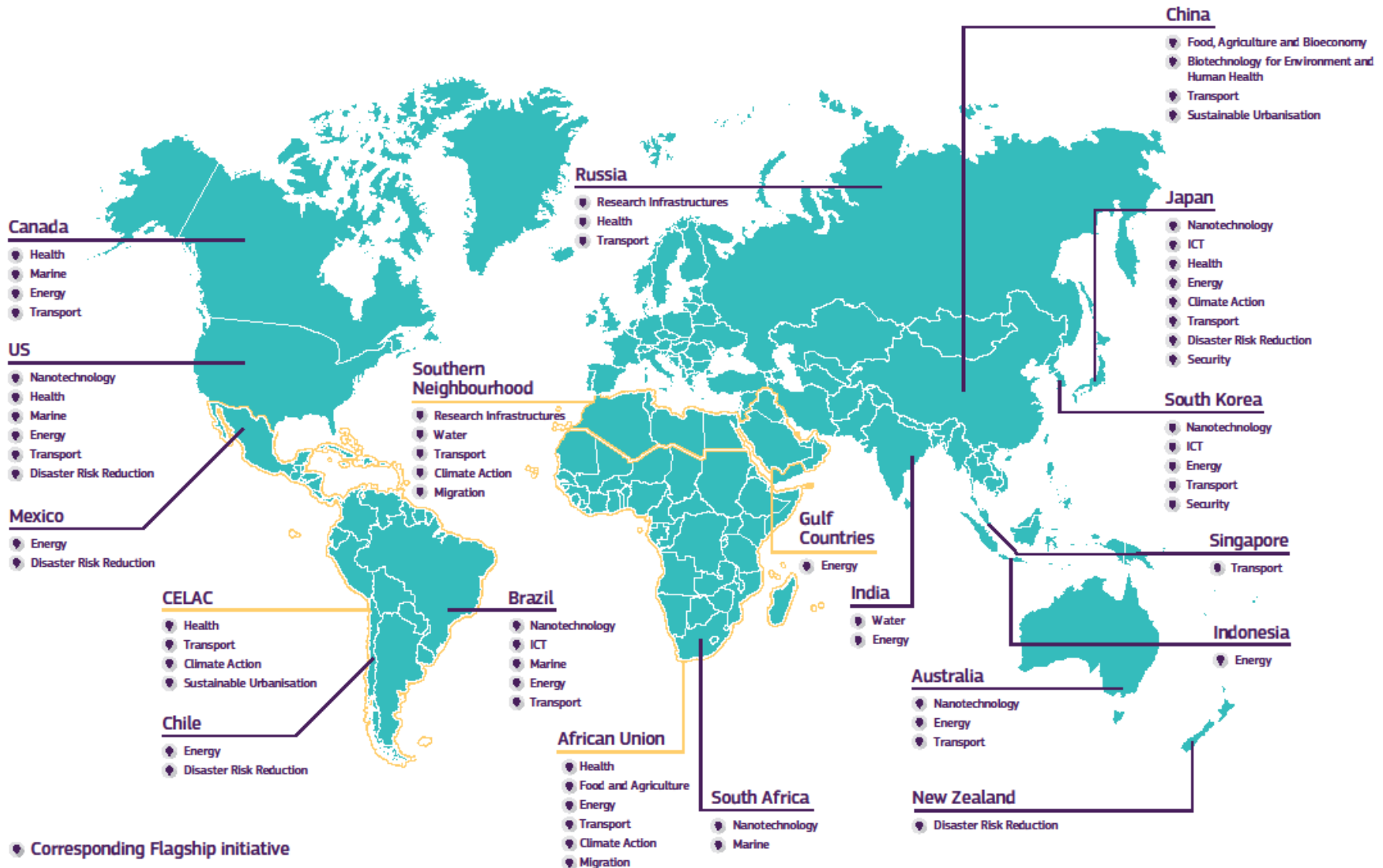
Migration and the refugee crisis

Technologies for first responders

EU-China/EU-Taiwan 5G Collaboration

Others...

# INCO Flagship Initiatives



# Third Countries with National funding programmes for involvement in EU R&I Funding

- Countries with jointly agreed co-funding mechanism covering most or all thematic areas: [China](#), [Hong Kong & Macao](#), [Republic of Korea](#), [Mexico](#), [Russia](#), [Taiwan](#), [Brazil](#)
- Countries with jointly agreed co-funding mechanism covering selected thematic areas: [Australia](#), [India](#), [Japan](#)
- Countries with co-funding by a region: [Canada](#)
- Countries without jointly agreed co-funding mechanism: [New Zealand](#), [USA](#)

# 2019 Work Programme

- **Use UKRO Portal – July 2018-** articles on Updated WP for each area

## Update on the 2019 Work Programme Part for Societal Challenge 2

27 July 2018 - H2020 News , Researcher



The European Commission has published the updated 2018-2020 Work Programme (WP) for Societal Challenge 2 (SC2): **Food security, sustainable agriculture and forestry, marine, maritime and inland water research and the bioeconomy.**

### What is new in 2019?

There have been changes to the following topics:

- **Latest Update- January/February articles**

## Horizon 2020: Update on the SSH Cross-cutting Priority

24 January 2019 - H2020 News , Researcher



This article provides an update on the Societal Challenge 6 (SC6) and Science with and for Society (SWAFS) part of Horizon 2020, before the publication of the 2020 Work Programme later this year, as well as on other SSH-relevant calls.

Recent results, planned calls and other developments

## Horizon 2020: Update on Health-related Funding Opportunities

28 January 2019 - H2020 News , Researcher



This article provides an update on the Societal Challenge 1 (SC1) part of Horizon 2020, before the publication of the 2020 Work Programme later this year, as well as on other health-related funding opportunities.

Recent results, planned calls and other developments

**Societal Challenge 1: Health, demographic change and wellbeing – 2019 Call**

- The SC1 2019 call deadlines are on 16 April (second stage) and 24 April (one-stage topics);

- **Use Funding&Tender Portal**

The screenshot shows a filter interface for the Funding & Tender Portal. It has two main sections: 'Filter by submission status' and 'Filter by programme (only for grants)'. The 'Filter by submission status' section has three buttons: 'FORTHCOMING' (with a downward arrow icon), 'OPEN' (with a checkmark icon), and 'CLOSED' (with a square icon). The 'Filter by programme (only for grants)' section has a dropdown menu with 'H2020' selected and a close button (X).

# 2019 Work Programme

- **Attend European events** – infodays, brokerage events; or **follow online** – UKRO alerts and reports back from events:
  - Web-stream / recordings with slides and participants lists online
  - Webinars
- Follow the **UK National Contact Point** for your area (events/guidance/webinars): [www.gov.uk/business-finance-support/horizon-2020-business-grants-uk](http://www.gov.uk/business-finance-support/horizon-2020-business-grants-uk)



## Find your UK National Contact Point for advice

### Support for all sectors

#### Funding for researchers

European Research Council NCP helpdesk  
Telephone: +32 22 89 61 21  
Email: [erc-uk@bbsrc.ac.uk](mailto:erc-uk@bbsrc.ac.uk)

Marie Curie Actions NCP helpdesk  
Telephone: +32 22 30 03 18  
Email: [mariecurie-uk@bbsrc.ac.uk](mailto:mariecurie-uk@bbsrc.ac.uk)

#### Legal and financial advice for all sectors

Stephen Alexander  
Telephone: 07771 722 217  
Email: [NCP-Rules@innovateuk.gov.uk](mailto:NCP-Rules@innovateuk.gov.uk)

#### Small and medium sized enterprises (SMEs)

Enterprise Europe Network  
Telephone: 0300 123 3144  
Email: [contact@enterprise-europe.co.uk](mailto:contact@enterprise-europe.co.uk)



# Sign up to NCPs newsletters

## Domain specific NCP networks - examples

- MSCA: <https://www.net4mobilityplus.eu/>
- ICT: <http://www.ideal-ist.eu>
- Health: <https://www.healthncp.net/>
- Social Science & Humanities: <http://net4society.eu>
- Food, bioeconomy: <https://www.ncp-biohorizon.net>



**BIO HORIZON**

Tweets: 1,535 | Following: 247 | Followers: 950 | Likes: 1,962 | Lists: 4

**NCP-BioHorizon**  
@ncp\_biohorizon

Network of NCPs for SC2 and KET-8. This project receives funding from the [EU's Horizon 2020](#) Programme. Any related tweets reflect only the views of the project owner

ncp-biohorizon.net  
Joined May 2015

[Tweet to NCP-BioHorizon](#)

29 Followers you know

**BioHorizon Brokerage Event**  
3rd July 2019, Brussels

- Present, discuss and develop your project ideas at an international level
- Establish international contacts and cooperations
- Initiate the setup of Horizon 2020 project consortia
- Receive first-hand advice and support from the European Commission and NCPs

Food Security | Sustainable Agriculture and Forestry | Marine, Maritime and Inland Water Research | Bioeconomy KET-Biotechnology



Home HNN 2.0 Funding How To Apply

## HNN 2.0 Webinar on "Horizon 2020 Proposal template and Evaluation criteria"

Date:  
25.02.2019



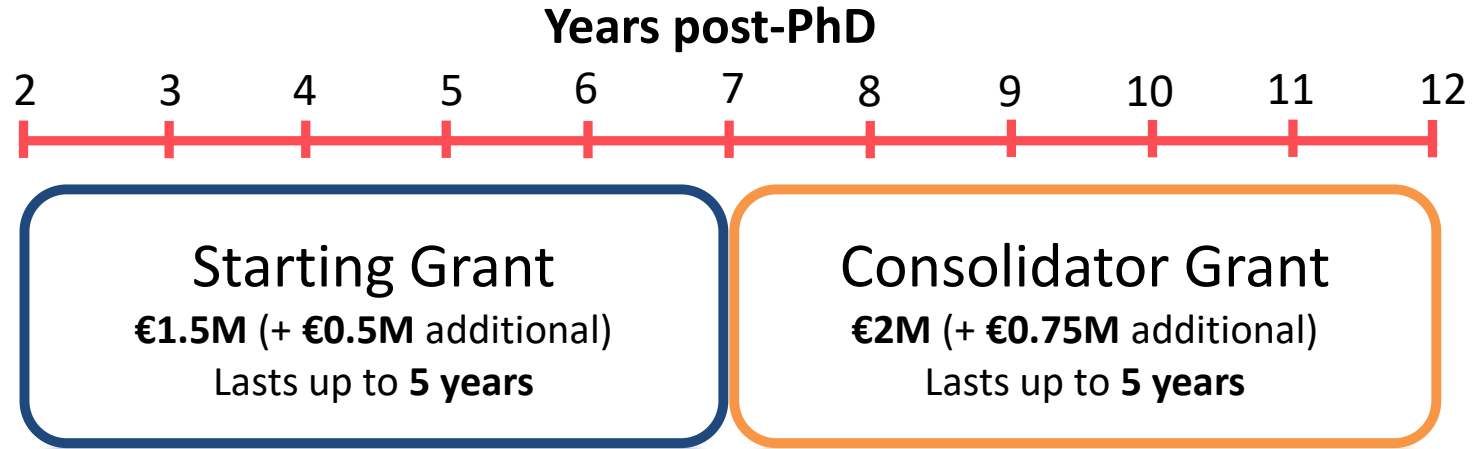
## Ideal-ist Proposal Check Event for ICT calls in Horizon 2020

Home > Events > Ideal-ist Proposal Check Event for ICT calls in Horizon 2020

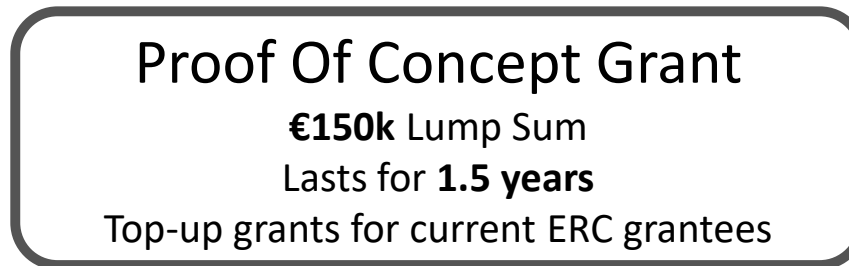
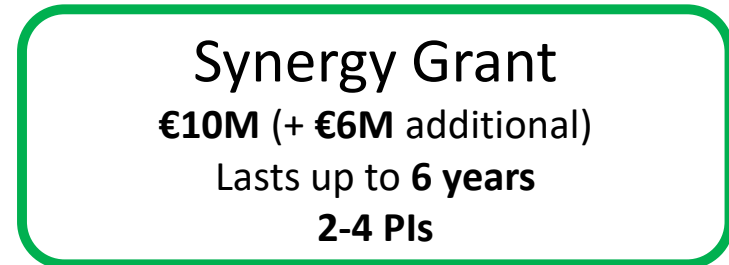


Date: 27/02/2019 - 28/02/2019  
Location: Online

# ERC Grant Schemes



## No PhD Requirements



# ERC 2019 Calls

	Starting Grant	Consolidator Grant	Advanced Grant	Proof of Concept	Synergy Grant
Call identifier	ERC-2019-StG	ERC-2019-CoG	ERC-2019-AdG	ERC-2019-PoC	ERC-2019-SyG
Call Opens	14/09/2018	24/10/2018	21/05/2019	16/10/2018	14/09/2018
Deadline	17/10/2018	07/02/2019	29/08/2019	22/01/2019 25/04/2019 19/09/2019	08/11/2018
Planned dates to inform applicants	22/05/2019 28/08/2019	23/07/2019 18/12/2019	31/01/2020 17/04/2020	02/05/2019 25/07/2019 18/12/2019	12/04/2019 25/08/2019 18/12/2019
Budget €M (grants)	580 (390)	602 (314)	390 (166)	25 (167)	400 (30)

## Innovative Training Networks (ITN)

- For Early Stage Researchers

## Individual Fellowships (IF)

- For Experienced Researchers

## Research and Innovation Staff Exchange (RISE)

- Exchange visits (secondments) of staff

## Co-funding of programmes (COFUND)

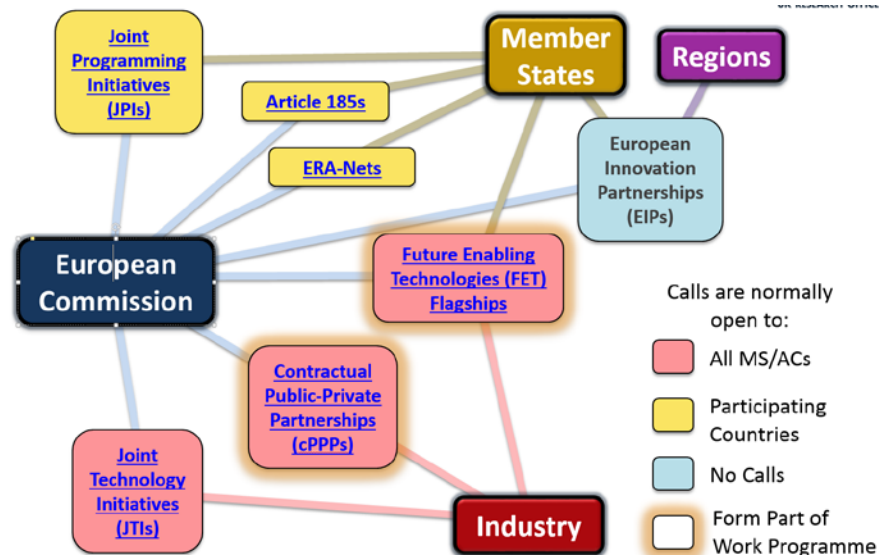
- For regional, national, international doctoral or fellowship programmes

# MSCA calls – 2018/19 Call Timetable

Call identifier	Publication date	Deadline	Call budget €M
MSCA-ITN-2018	12 October 2017	17 January 2018	442
MSCA-ITN-2019	13 September 2018	15 January 2019	470
MSCA-RISE-2018	7 December 2017	18 April 2018	80
MSCA-RISE-2019	4 December 2018	2 April 2019	80
MSCA-IF-2018	12 April 2018	12 September 2018	278
MSCA-IF-2019	11 April 2019	11 September 2019	300
MSCA-COFUND-2018	12 April 2018	27 September 2018	80
MSCA-COFUND-2019	4 April 2019	26 September 2019	90
MSCA Researchers' Night	7 November 2017	13 February 2018	12
MSCA-RR-2018	4 September 2018	4 December 2018	1.5

# Partnerships - Joint Calls

- There are over **100 different partnerships** activities across all areas of Horizon 2020
- A large number include third country participants (National Funding Agencies)
- Directly fund participation from researchers/research organisations
  - E.g. The CIHR is involved all health related P2P partnerships
  - 17 consortium, 29 joint funded calls, 10 joint calls in 2018, \$30Mill invested with \$15Mill committed, 110 teams funded



## JPND 2019 Call on Personalised Medicine for Neurodegenerative Diseases

### Follow UKRO Portal

📅 09 January 2019 - Call , Researcher

🖨️ Print

The EU Joint Programme on Neurodegenerative Disease Research (JPND) launched the joint **transnational call** for 'Multinational research projects on Personalised Medicine for Neurodegenerative Diseases'. The estimated call budget amounts to €30 million, coming from the European Commission and 28 funding agencies in 25 countries, including the UK.

# Consider COST

- **COST** – European Cooperation in Science and Technology  
[www.cost.eu](http://www.cost.eu) (network of researchers)
- join existing Cost Action: [www.cost.eu/participate/join\\_action](http://www.cost.eu/participate/join_action)

The screenshot displays the 'Browse Actions' page on the COST website. At the top left is the COST logo: 'cost EUROPEAN COOPERATION IN SCIENCE & TECHNOLOGY'. To the right are navigation links: 'News', 'Events', 'Multimedia', 'Publications', 'Contact us', 'Who we are', and 'Funding'. The main heading is 'Browse Actions' with a breadcrumb 'Home > Browse Actions'. A search bar contains the text 'health'. Below it are filter options: 'Search in Title Only' and 'More Filters'. There are four filter fields: 'Start Date' (example: today, 01-01-2018, 2018/22/6, etc...), 'End Date' (example: today, 01-01-2018, 2018/22/6, etc...), 'Approval Year' (example: 2001), and 'Status' (radio buttons for Active, Closed, All). There are also dropdown menus for 'Country' (All Countries) and 'Science Field' (All Fields). A 'Search' button is on the right. Below the filters, there are controls for 'Actions Limit' (set to 10) and 'Sort By' (Start Date). The list of actions includes:

- CA18101 | 10/04/2019 - 09/04/2023 | SOURDough biotechnology network towards novel, healthier and sustainable food and bioproCesseS
- CA15222 | 25/02/2016 - 24/02/2020 | European Network for cost containment and improved quality of health care
- CA15136 | 18/04/2016 - 17/04/2020 | European network to advance carotenoid research and applications in agro-food and health (EUROCAROTEN)
- IS1408 | 25/04/2015 - 28/04/2019 | Industrially Contaminated Sites and Health Network (ICSHNet)

[www.cost.eu/COST\\_Actions/all\\_actions](http://www.cost.eu/COST_Actions/all_actions)

# COST Action - Characteristics

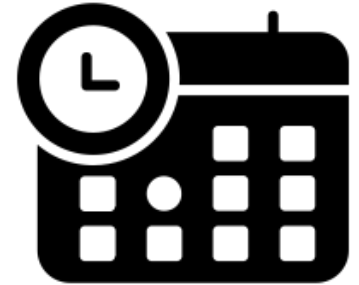
Network of researchers

- Collaborating in research fields of interest to at least 5 COST Countries
- Selected via the COST Open Call for proposals
- Objectives and deliverables defined in the Action's Memorandum of Understanding
- Duration of 4 years
- Expandable to new participants
- Average Annual COST Budget EUR 130 000 to perform networking activities (Meetings, Conferences, Workshops, Short-term scientific exchanges, Training schools and Dissemination Activities)

**COST DOES NOT FUND RESEARCH**

# 2020 Work Programme update

- **January/February**      **First consolidated draft** to be sent to PC
- **January- March**      Final discussions at Programme Committee
- **March/April**      Inter-service consultation
- **May**      Official PC consultation (vote)
- **End June**      Adoption of WP 2020 update and calls open



**Follow UKRO Portal – Early Information *coming very soon***

Horizon 2020 Work Programmes: Timetable and Updates

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**Be in touch with your  
Research Support Office**

Work Programme 2020 - the bridge to Horizon Europe

UKRO understands that planning for the Work Programme parts for 2020 will start soon, and that all drafts are to be finalised by the end of February/early March 2019. The drafts will then undergo consultation internally within the European Commission (the so-called inter-service consultation) and through the Member State representatives in the Programme Committee configurations. The adoption and publication of the final Horizon 2020 Work Programme is planned for the end of June 2019.

# Become an evaluator!

The Profile Registration and Editing, Identity, Bank Account, Contracts and Payments functionalities in the Experts Area, and Grant Management Services will be unavailable on Tuesday, 05.02.2019, between 07:30 and 08:10 CET. We apologize for any inconvenience.

Dear registered expert,

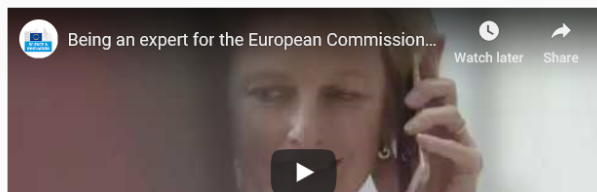
This message is about your profile in the Funding & Tender Opportunities Portal.

For your information, two new EU programmes, European Defence Industrial Development Programme (EDIDP) and European Maritime and Fisheries Fund (EMFF) have been added to the list of programmes which can be found under "EU institutions and bodies" / "European Commission, Executive and Regulatory Agencies, Joint Undertakings (and related programmes). If you have ticked the box "other programme", it means that EDIDP and EMFF have been automatically selected and that your profile is now also available for these programmes. Likewise, if you did not tick the box "other programme", it means that EDIDP and EMFF have not been selected and that your profile is not available for these programmes. However, if you want to be considered/not considered for these programmes you can opt-in/opt-out for/from it. Just login to your expert area, edit "Programme Selection/Who can see my profile" and update accordingly.

## Work as an expert



The European Union Institutions appoint external experts to assist in the evaluation of grant applications, projects and tenders, and to provide opinions and advice in specific cases.



In particular, experts assist in:

- **Evaluation** of proposals, prize applications and tenders
- **Monitoring** of actions, grant agreements, public procurement contracts

In addition, experts provide opinion and advise on:

- **Preparation, implementation and evaluation of EU programmes and design of**

## News

29/01/2019

Call for experts to assist the European Defence Industrial Development Programme (EDIDP) [More...](#)

17/10/2018

Call for experts to assist the European Maritime and Fisheries Fund (EMFF) [More...](#)

30/08/2018

New, improved "My Expert Area" released [More...](#)

05/06/2018

Expert evaluators needed: help us select high-potential (social) innovators [More...](#)

29 January 2019

## Call for experts to assist the European Defence Industrial Development Programme (EDIDP)

Call for experts to assist the European Defence Industrial Development Programme (EDIDP)

In the implementation of the Programme, Union funding shall be granted following competitive calls issued in accordance with Regulation (EU) 2018/1092.

The Commission shall be assisted, in the context of the award procedure, by independent experts, whose security credentials shall be validated by Member States. Those experts shall be Union nationals from as broad a range of Member States as possible and shall be selected on the basis of calls for applications with a view to establishing a database of candidates. The Commission shall ensure that experts do not evaluate, advise or assist on matters with regard to which they have a conflict of interests. The Commission is therefore establishing a database of independent experts who can be called on in connection with the European Defence Industrial Development Programme (EDIDP) for the following tasks:

1. Evaluation of proposals;

2. Monitoring of the implementation of actions.

Independent experts shall be chosen on the basis of skills, experience and knowledge appropriate to carry out the tasks assigned to them. They shall also have appropriate language skills in particular in English for the tasks to be carried out. For more detailed information, please see the [call for experts](#).

# New Funding & Tender Opportunities Portal



# Participant Portal



## RESEARCH & INNOVATION

### Participant Portal

European Commission > Research & Innovation > Participant Portal > Home

HOME

FUNDING OPPORTUNITIES

HOW TO PARTICIPATE

EXPERTS

SUPPORT

Search PP



LOGIN



REGISTER



On this site you can find and secure **funding** for projects under the following EU programmes:

- **2014-2020** Horizon 2020 - research and innovation framework programme
- **2007-2013** 7th research framework programme (FP7) and Competitiveness & Innovation Programme (CIP)
- Research Fund for Coal & Steel, COSME, 3rd Health Programme, Consumer Programme, Justice Programme

#### Non-registered users

- search for funding
- read the H2020 Online Manual & download the legal documents
- check if an organisation is already registered
- contact our support services or check our FAQs

#### Registered users

- submit your proposal
- sign the grant
- manage your project throughout its lifecycle
- register as expert advising the Commission



WHAT'S NEW?



FUNDING OPPORTUNITIES



HOW TO PARTICIPATE



WORK AS AN EXPERT



MY PERSONAL AREA



INFORMATION AND SUPPORT

# NEW LOOK



## Funding & tender opportunities

Single Electronic Data Interchange Area (SEDIA)

SEARCH FUNDING & TENDERS ▾ HOW TO PARTICIPATE ▾ PROJECTS & RESULTS WORK AS AN EXPERT SUPPORT ▾

### Horizon 2020 Framework Programme



### The new Funding & Tenders Portal replaces the Participant Portal!

Dear User,

We are happy to announce the release of a new corporate portal covering EU funding programmes beyond Research & Innovation, which replaces the current Participant Portal.

The new Portal provides all the functions available under the current Participant Portal, whilst implementing new features. Please **try it out now!**

[GO TO THE FUNDING & TENDERS PORTAL](#)

[CLOSE](#)



### Horizon 2020 is the EU funding programme for research and innovation

Horizon 2020 programme is running from 2014 to 2020 with a €80 billion budget. It provides research and innovation funding for multi-national collaboration projects as well as for individual researchers and supports SMEs with a special funding instrument.

For more information on Horizon 2020, [please see the H2020 web site.](#)

- [Find calls for proposals](#)
- [Projects & Results](#)
- [SME Participations](#)
- [Financial Capacity Assessment](#)
- [What's new](#)

## Find calls for proposals in Horizon 2020

Search calls for proposals by keywords, programme parts,...



Calls for Tenders are not available when you

### Filter by programme part:

- [Excellent Science](#)
- [Industrial Leadership](#)
- [Societal Challenges](#)
- [Spreading excellence and widening participation](#)
- [Science with and for Society](#)
- [The European Institute of Innovation and Technology \(EIT\)](#)
- [Euratom Research and Training Programme 2014-2018](#)

### Filter by focus area:

- [Building a low-carbon, climate resilient future](#)
- [Connecting economic and environmental gains – the Circular Economy](#)
- [Digitising and transforming European industry and services](#)
- [Boosting the effectiveness of the Security Union](#)

### Filter by cross-cutting priority

- [Cross-cutting Key-Enabling Technologies](#)
- [Contractual Public-Private Partnerships](#)
- [ERA-NET](#)
- [Gender](#)
- [International cooperation](#)
- [Open Innovation](#)
- [Open Science](#)
- [Open to the World](#)
- [Innovation Procurement](#)
- [SME Instrument](#)

# Navigating the Portal (1)

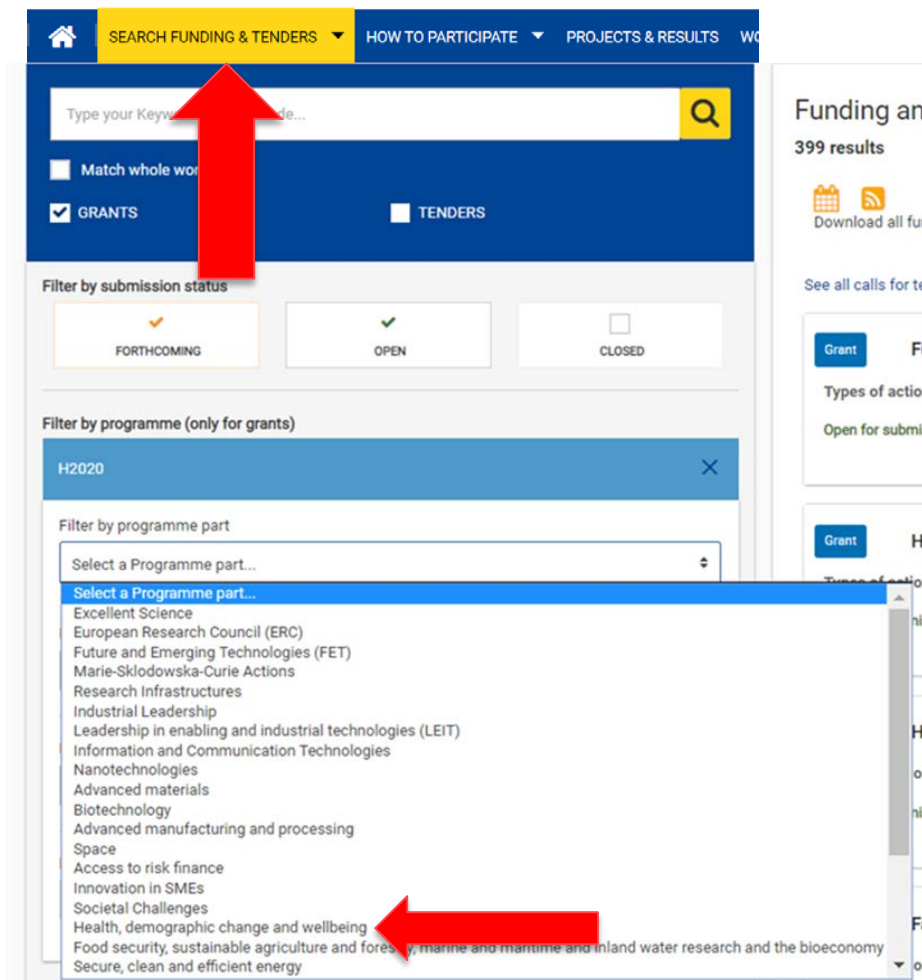
Navigate to the ‘Search Funding & Tenders’ button (top right, highlighted in yellow) and select ‘Search Finding and Tenders’.

Select the Horizon2020 programme first.

You can then choose to browse through all Societal Challenges calls or you can narrow your search to one specific challenge.

In this example, we will be looking at “Societal Challenge 1 – Health, demographic change and wellbeing”.

Searches can also be limited to calls which are ‘Forthcoming’, ‘Open’ or ‘Closed’ or by ‘Keyword(s)’



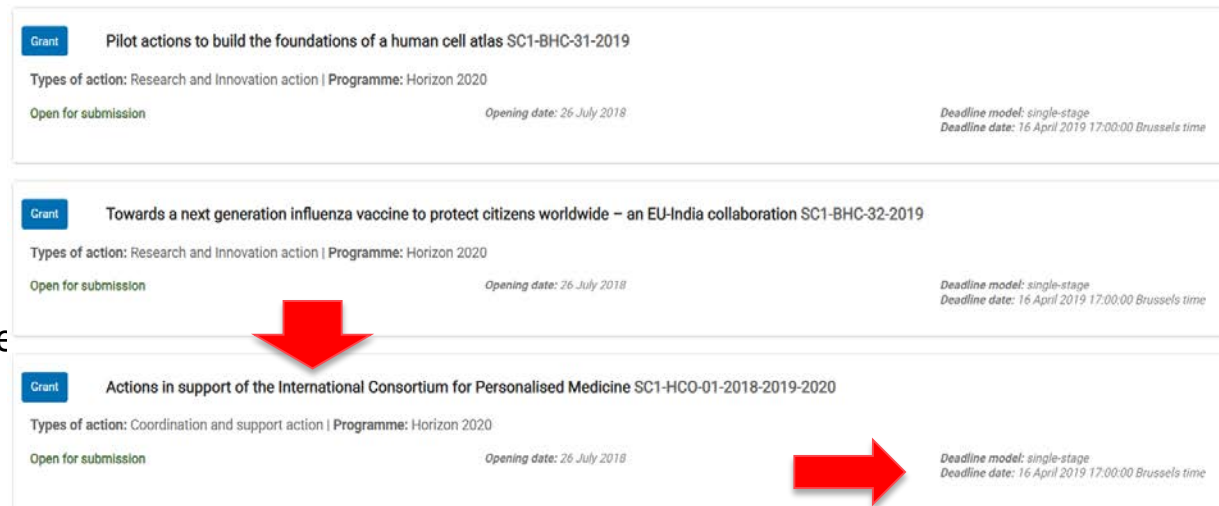
# Navigating the Portal (2)

To access more details for individual calls, click on the name of the call.

You can also see the call identifier, beside the name – this can be useful to keep a note of if you need to find the call again.

NB: the deadline given is for Brussels time. Please remember if you are submitting that you will need to submit an hour ahead of the time stated here.

In this example, the call deadline is 16:00 UK Time.



<b>Grant</b>	<b>Pilot actions to build the foundations of a human cell atlas SC1-BHC-31-2019</b>	<b>Types of action:</b> Research and Innovation action   <b>Programme:</b> Horizon 2020	<b>Open for submission</b>	<b>Opening date:</b> 26 July 2018	<b>Deadline model:</b> single-stage <b>Deadline date:</b> 16 April 2019 17:00:00 Brussels time
<b>Grant</b>	<b>Towards a next generation influenza vaccine to protect citizens worldwide – an EU-India collaboration SC1-BHC-32-2019</b>	<b>Types of action:</b> Research and Innovation action   <b>Programme:</b> Horizon 2020	<b>Open for submission</b>	<b>Opening date:</b> 26 July 2018	<b>Deadline model:</b> single-stage <b>Deadline date:</b> 16 April 2019 17:00:00 Brussels time
<b>Grant</b>	<b>Actions in support of the International Consortium for Personalised Medicine SC1-HCO-01-2018-2019-2020</b>	<b>Types of action:</b> Coordination and support action   <b>Programme:</b> Horizon 2020	<b>Open for submission</b>	<b>Opening date:</b> 26 July 2018	<b>Deadline model:</b> single-stage <b>Deadline date:</b> 16 April 2019 17:00:00 Brussels time

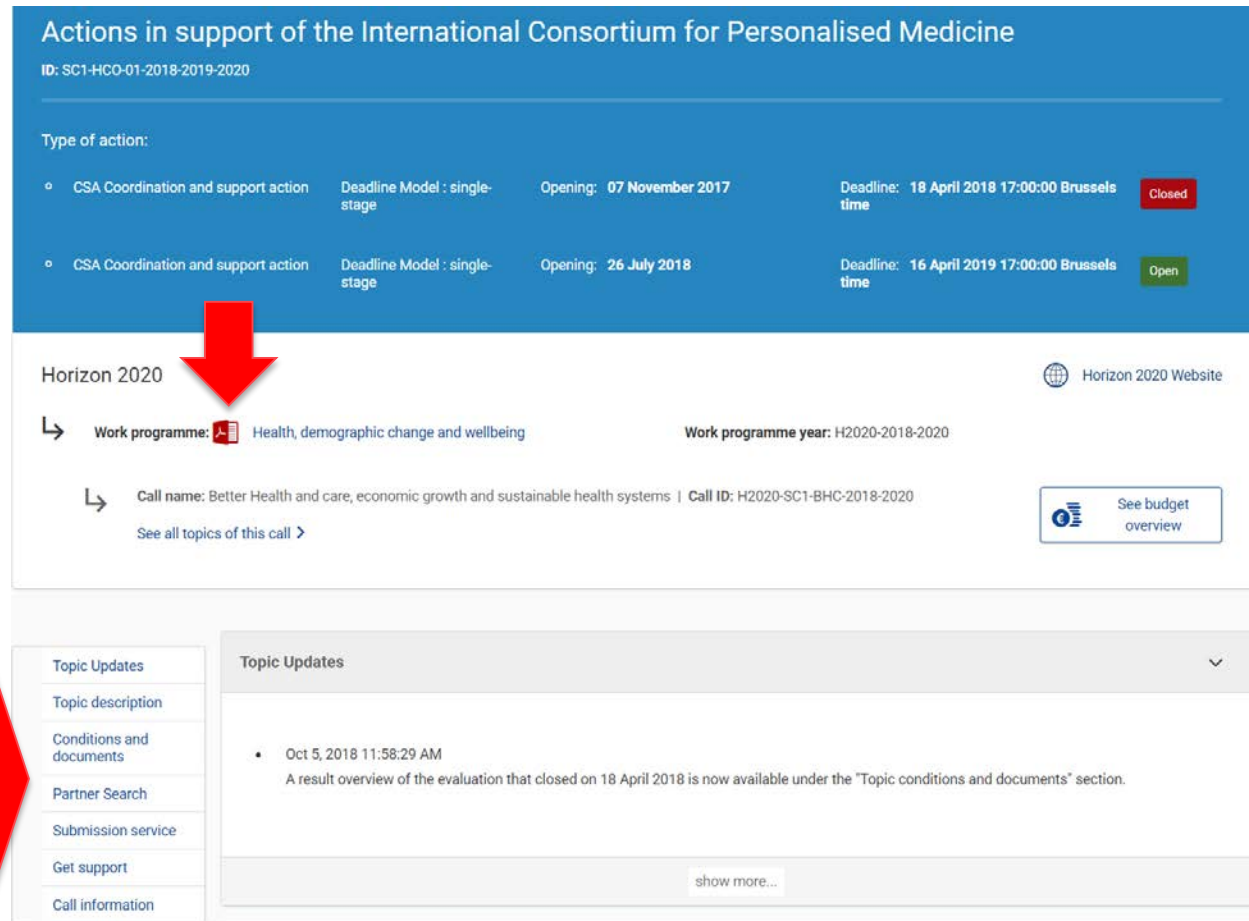
# Navigating the Portal (3)

Each Call page will look similar to this.

The latest Work Programme for that Societal Challenge can be found at the top.

Followed by call-specific details in 'topic' boxes. These include essential information about: the '**specific challenge**', '**scope**' and '**expected impact**' of the call; **participation criteria**; **guidance documents**; **policy background**, and any unusual **additional requirements** which may be added.


This is also where you begin your application.





**Actions in support of the International Consortium for Personalised Medicine**  
ID: SC1-HCO-01-2018-2019-2020

Type of action:

◦ CSA Coordination and support action	Deadline Model : single-stage	Opening: 07 November 2017	Deadline: 18 April 2018 17:00:00 Brussels time	Closed
◦ CSA Coordination and support action	Deadline Model : single-stage	Opening: 26 July 2018	Deadline: 16 April 2019 17:00:00 Brussels time	Open

Horizon 2020  Horizon 2020 Website

↳ **Work programme:**  Health, demographic change and wellbeing **Work programme year:** H2020-2018-2020

↳ **Call name:** Better Health and care, economic growth and sustainable health systems | **Call ID:** H2020-SC1-BHC-2018-2020  See budget overview

See all topics of this call >

Topic Updates

Topic description

Conditions and documents

Partner Search

Submission service

Get support

Call information

Topic Updates ▼

- Oct 5, 2018 11:58:29 AM  
A result overview of the evaluation that closed on 18 April 2018 is now available under the "Topic conditions and documents" section.

[show more...](#)

# Navigating the Portal (4)

Work Programmes for each Societal Challenge will be presented in a similar way.

There is always a **Table of Contents** which provides a useful list of all the calls in the Work Programme.

A **General Introduction** gives key policy background for your Impact section.

Each call is then **described in detail** and **additional annexes at the end** provide indicative budgets and additional eligibility criteria.

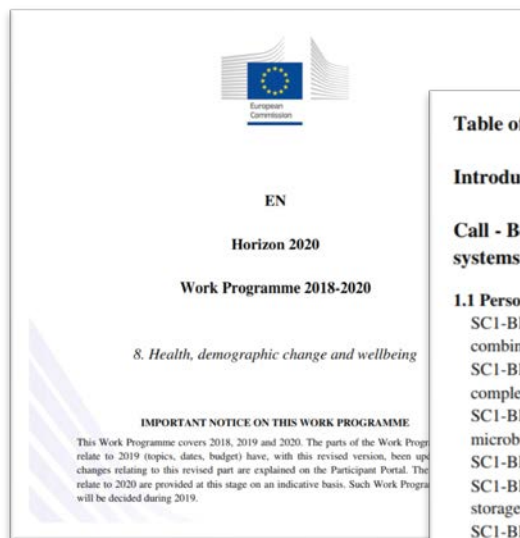


Table of contents	
<b>Introduction</b> .....	<b>6</b>
<b>Call - Better Health and care, economic growth and sustainable health systems</b> .....	<b>9</b>
<b>1.1 Personalised medicine</b> .....	<b>9</b>
SC1-BHC-01-2019: Understanding causative mechanisms in co- and multimorbidities combining mental and non-mental disorders .....	10
SC1-BHC-02-2019: Systems approaches for the discovery of combinatorial therapies for complex disorders .....	11
SC1-BHC-03-2018: Exploiting research outcomes and application potential of the human microbiome for personalised prediction, prevention and treatment of disease .....	12
SC1-BHC-04-2018: Rare Disease European Joint Programme Cofund .....	13
SC1-BHC-05-2018: International flagship collaboration with Canada for human data storage, integration and sharing to enable personalised medicine approaches .....	16
SC1-BHC-30-2019: Towards risk-based screening strategies for non-communicable diseases .....	18
SC1-BHC-31-2019: Pilot actions to build the foundations of a human cell atlas .....	19
<b>SC1-HCO-01-2018-2019-2020: Actions in support of the International Consortium for Personalised Medicine</b> .....	<b>21</b>
SC1-HCO-02-2018: Data integration and data-driven in-silico models for enabling personalised medicine - a European standardization framework .....	23
SC1-HCO-04-2018: ERA-NET to support the Joint Programming in Neurodegenerative Diseases strategic plan (JPND) .....	25
<b>1.2 Innovative health and care industry</b> .....	<b>26</b>
SC1-BHC-07-2019: Regenerative medicine: from new insights to new applications .....	27
SC1-BHC-09-2018: Innovation platforms for advanced therapies of the future .....	28

**SC1-HCO-01-2018-2019-2020: Actions in support of the International Consortium for Personalised Medicine<sup>36</sup>**

Specific Challenge: Personalised Medicine is a very broad and multifaceted area where success relies on a well-functioning collaboration between several disciplines and different actors. While great advances have been made in some fields of medicine, in particular in stratification of cancer patients and in addressing rare diseases, most of today's healthcare protocols do not include personalised approaches apart from occasional division into broad age groups (children/adults/elderly), sex or ethnicity. Furthermore the prevention aspect of



# Navigating the Portal (4)

The Profile Registration and Editing, Identity, Bank Account, Contracts and Payments functionalities in the Experts Area, and Grant Management Services will be unavailable on Tuesday, 05.02.2019, between 07:30 and 08:10 CET. We apologize for any inconvenience.

Filter by programme

Horizon 2020 Framework Programme (H2020)

Clear filters

## Projects & Results

### Horizon Dashboard

Explore interactive data on H2020 proposals, success rates, funded projects and participants.

Note:

You need to log in to use some of the advanced functions such as storytelling, exporting data or bookmarks. Click on the login button in the upper left corner of the landing page. On first login, you will receive an error message. Wait for half a minute, and then click on the refresh button in the error message. You will be logged in and no longer receive the error message in the future.

[EXPLORE HORIZON 2020 DASHBOARD](#)

### Innovation Success Stories

Find out about the most recent EU Research success stories. From answers to climate change to dialogue about historical memory. Read about the breakthroughs and discoveries.

[CHECK OUT THE SUCCESS STORIES](#)

### Horizon 2020, FP7 and RFCS projects

Horizon 2020, FP7 and Research Fund for coal and Steel project information and work report summaries are available on CORDIS.

[VISIT CORDIS](#)



## Objective

The CYBER-TRUST project aims to develop an innovative cyber-threat intelligence gathering, detection, and mitigation platform to tackle the grand challenges towards securing the ecosystem of IoT devices. The security problems arising from the flawed design of legacy hardware and embedded devices allows cyber-criminals to easily compromise them and launch large-scale attacks toward critical cyber-infrastructures. The proposed interdisciplinary approach will capture different phases of such emerging attacks, before and after known (even years old) or unknown (zero-day) vulnerabilities have been widely exploited by cyber-criminals to launch the attack. Emphasis is given on building a proactive cyber-threat intelligence gathering and sharing system to prevent the exploitation of zero-day vulnerabilities. This intelligence information will be used to maintain accurate vulnerability profiles of IoT devices, in accordance with data protection, privacy, or other regulations, and optimally alter their attack surface to minimise the damage from cyber-attacks. Novel technologies will be developed, based on distributed ledgers and blockchains, to monitor devices' integrity state and network behaviour that will considerably increase the detection and response capabilities against targeted and interdisciplinary cyber-attacks. In the case of alleged malicious activity, tools for collecting and storing forensic evidence on a tamper-proof blockchain structure will be delivered, taking into account the specific needs of law enforcement agencies. Privacy-preserving network monitoring and advanced virtual reality-based visualisation techniques will be employed for quickly detecting botnets, DDoS attacks and other incidents. Relying on interdisciplinary research, an intelligent autonomous cyber-defence framework will be built for providing intelligent ways of isolating the devices under an attacker's control (or infected) and effectively responding to and mitigating large-scale attacks.

## Programme(s)

**H2020-EU.3.7.4. - Improve cyber security**

## Topic(s)

**DS-07-2017 - Cybersecurity PPP: Addressing Advanced Cyber Security Threats and Threat Actors**

## Call for proposal

H2020-DS-SC7-2017

[See other projects for this call](#)



## Funding Scheme

RIA - Research and Innovation action



## Project information

### CYBER-TRUST

Grant agreement ID: 786698

Status

Ongoing project

Start date

1 May 2018

End date

30 April 2021

Funded under:

H2020-EU.3.7.4.

Overall budget:

€ 2 996 182,50

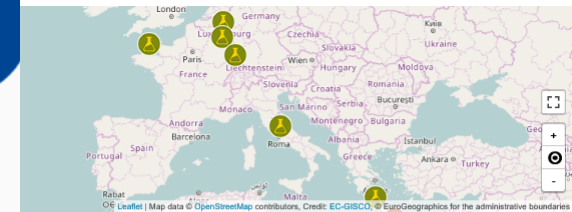
EU contribution  
€ 2 996 182,50



Coordinated by:

**KENTRO MELETON ASFALLEIAS**

Greece



## Coordinator

	<b>KENTRO MELETON ASFALLEIAS</b>		
Address	P Kanellopoulou 4 St 10177 Athens	Activity type	Research Organisations
	Greece		EU Contribution € 425 287,50
	<a href="#">Website</a>		<a href="#">Contact the organisation</a>

## Participants (8)

	Sort alphabetically	Sort by EU Contribution	Expand all
	<b>UNIVERSITY OF PELOPONNESE</b>	EU Contribution € 413 750	
	Greece		
	<b>UNIVERSITY OF PLYMOUTH</b>	EU Contribution € 398 395	
	United Kingdom		
	<b>VRUJE UNIVERSITEIT BRUSSEL</b>	EU Contribution € 243 750	
	Belgium		



## Periodic Reporting for period 1 - FRESH AIR (Free Respiratory Evaluation and Smoke-exposure reduction by primary Health cAre Integrated gRoups)

Reporting period: 2015-10-01 to 2017-03-31

### Summary of the context and overall objectives of the project

FRESH AIR is a 3-year project that addresses the urgent need to prevent, diagnose and treat lung diseases in LMICs and other low-resource settings. Previous research has shown that the greatest burden of non-communicable lung diseases (NCLDs) occurs in such settings. Most studies have, however, focused on creating an evidence-base for clinically and cost-effective treatments of NCLDs for populations in high income countries. Consequential, little is known about the application of this evidence-base to low-resource settings, contextual risk-factors and barriers that hamper implementation. FRESH AIR therefore aims to improve health outcomes for people who are suffering from NCLDs in these settings by developing capacity for implementation of evidence-based interventions.

The consortium consists of leading international researchers, clinicians and policy experts from the EU and US and healthcare providers, policy makers and implementers from four countries that represent different low-resource settings. These settings, located in Uganda, Kyrgyzstan, Vietnam and Greece, are characterized by a high smoking prevalence and exposure to household air pollution. The consortium works to adapt and test innovation and evidence-based practice in the prevention, diagnosis and treatment of lung disease in these settings. In so doing, the consortium will transfer skills and technology from EU member states and the US to new contexts and explore a range of implementation science research questions. The generated knowledge will be disseminated nationally, regionally and internationally, ensuring the scale-up of interventions tested by the project and global impact of research findings. The project will also provide new perspectives on policy issues of concern to EU members, increase the international profile of EU funded research on key health challenges and open up markets for healthcare innovations.

The objectives of the project are specified as follows: 1. Identifying factors influencing the implementation of evidenced-based interventions. 2. Exploring which awareness-raising approaches are most effective in achieving behaviour change. 3. Adapting interventions that provide smoking cessation support 4. Testing innovative diagnostic methods for COPD5. Promoting pulmonary rehabilitation as a low cost treatment. 6. Reducing children's risk of lung damage. 7. Generating new

### Project information

## FRESH AIR

Grant agreement ID: 680997

[Project website](#)

Status

**Closed project**

Start date

**1 October 2015**

End date

**30 September 2018**

Funded under:

**H2020-EU.3.1.3.**

Overall budget:

€ 2 990 750

EU contribution  
€ 2 990 750



Progress beyond the state of the art and expected potential impact (including the socio-economic impact and the wider societal implications of the project so far) ▾



Focus group in Uganda



Roma population in Greece



The FRESH AIR team






Spirometry in Uganda

# Navigating the Portal (5)

The Profile Registration and Editing, Identity, Bank Account, Contracts and Payments functionalities in the Experts Area, and Grant Management Services will be unavailable on Tuesday, 05.02.2019, between 07:30 and 08:10 CET. We apologize for any inconvenience.










## Support overview

### Support by type

-  GUIDANCE
-  FAQ
-  HELPLESKS

H2020 Online Manual guides you through all the main processes on the F&T Portal from proposal submission to grant management and audits. IT HOW TO gives you detailed guidance on the F&T Portal related IT tools.

### Popular support topics

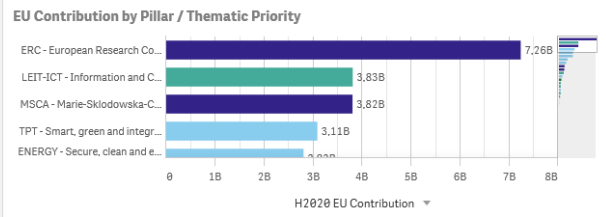
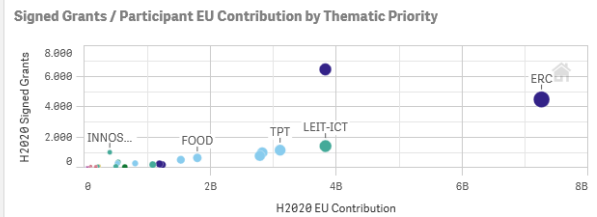
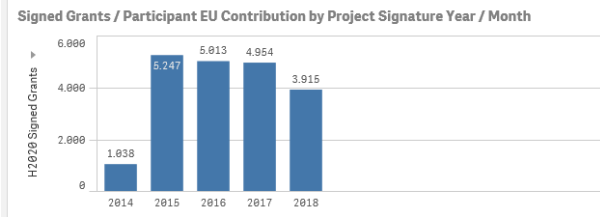
- EU Login Online manual 
- How to change the EU Login account details? FAQ 
- What is a LEAR (Legal Entity Appointed Representative) and what are LEAR's rights and tasks? FAQ 
- How to appoint a LEAR Online manual 
- Do I have to register my organisation before drafting my proposal? FAQ 
- How can I acquire roles and access rights for proposals, projects or organisations? FAQ 
- Where can I find more user guidance related to proposal submission? FAQ 
- SME Self Evaluation IT how to 
- Where can I find the National Contact Points (for Horizon 2020)? Helpdesks 

# Horizon 2020 data - Dashboard

## H2020 Projects

Signature Year	Partner Type	1. Pillar	2. Thematic Priority	Call ID	Topic Code	Simplified Type of Action
----------------	--------------	-----------	----------------------	---------	------------	---------------------------

<b>H2020 Signed Grants</b> <b>20.167</b> 100,00% <small>of H2020</small>	<b>H2020 EU Contribution</b> <b>35,56B</b> 100,00% <small>of H2020</small>	<b>H2020 Total Cost</b> <b>44,84B</b> 100,00% <small>of H2020</small>	<b>Average Participation per Project</b> <b>4,68</b>	<b>Average EU Contribution per Proj...</b> <b>1,76M</b>	<b>Average Total Cost per Project</b> <b>2,22M</b>
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Top Funded Projects

Project Title	Project Acronym	Thema	H2020 Participations	Cont
<b>Totals</b>			<b>94.387</b>	<b>35.5</b>
Implementation of activities described in the Roadmap to Fusion	EUROfusion	Euratom	192	€ 44
COST at a turning point: A unique framework for pan-European ST	H2020	Supporting access to international networks	1	€ 17
Engine ITD - GAM 2018	ENG GAM 2018	Smart, green and integrated transport	46	€ 13

Top Topics

Topic	Topic Descr	H2020 Signed Grants	H2020 EU Contribution
<b>Totals</b>		<b>20.167</b>	<b>€ 35.561.402.276</b>
MSCA-IF-2017	Individual Fellowships	1.346	€ 246.906.218
MSCA-IF-2016	Individual Fellowships	1.253	€ 228.782.796
MSCA-IF-2014-EF	Marie Skłodowska-Curie Individual Fellowships (IF-EF)	1.217	€ 215.871.774
MSCA-IF-2015-EF	Marie Skłodowska-Curie Individual Fellowships (IF-EF)	1.074	€ 191.040.755
EIC-SMEInst-2018-2020	SME instrument	633	€ 264.866.465



UKRO has provided **instructional videos** on:

- How to load the dashboard and log in;
- An introduction to the **different tools available** and where to find them;
- How to use its main features, in order to extract meaningful data for UK institutions and individuals;
- How to export data;
- How to extract overall success rates per thematic area, individual call or topic for different countries, from the data available for submitted proposals.
- How to use the "Snapshot" and "Story" functionality of the Data Dashboard in order to prepare data rich reports and presentations

[www.ukro.ac.uk/subscriber/Pages/factsheets\\_horizon2020\\_stats.aspx](http://www.ukro.ac.uk/subscriber/Pages/factsheets_horizon2020_stats.aspx)

# Horizon Europe

Latest Developments

# The four steps to a Framework Programme

- The development and approval of a new Framework Programme, such as Horizon Europe, has 4 distinct steps:

- **Adoption**
- Implementation
- Execution
- Evaluation

- We are currently in the 'Adoption' phase

- [European Parliament Factsheet](#)



Source: European Parliament

## Background

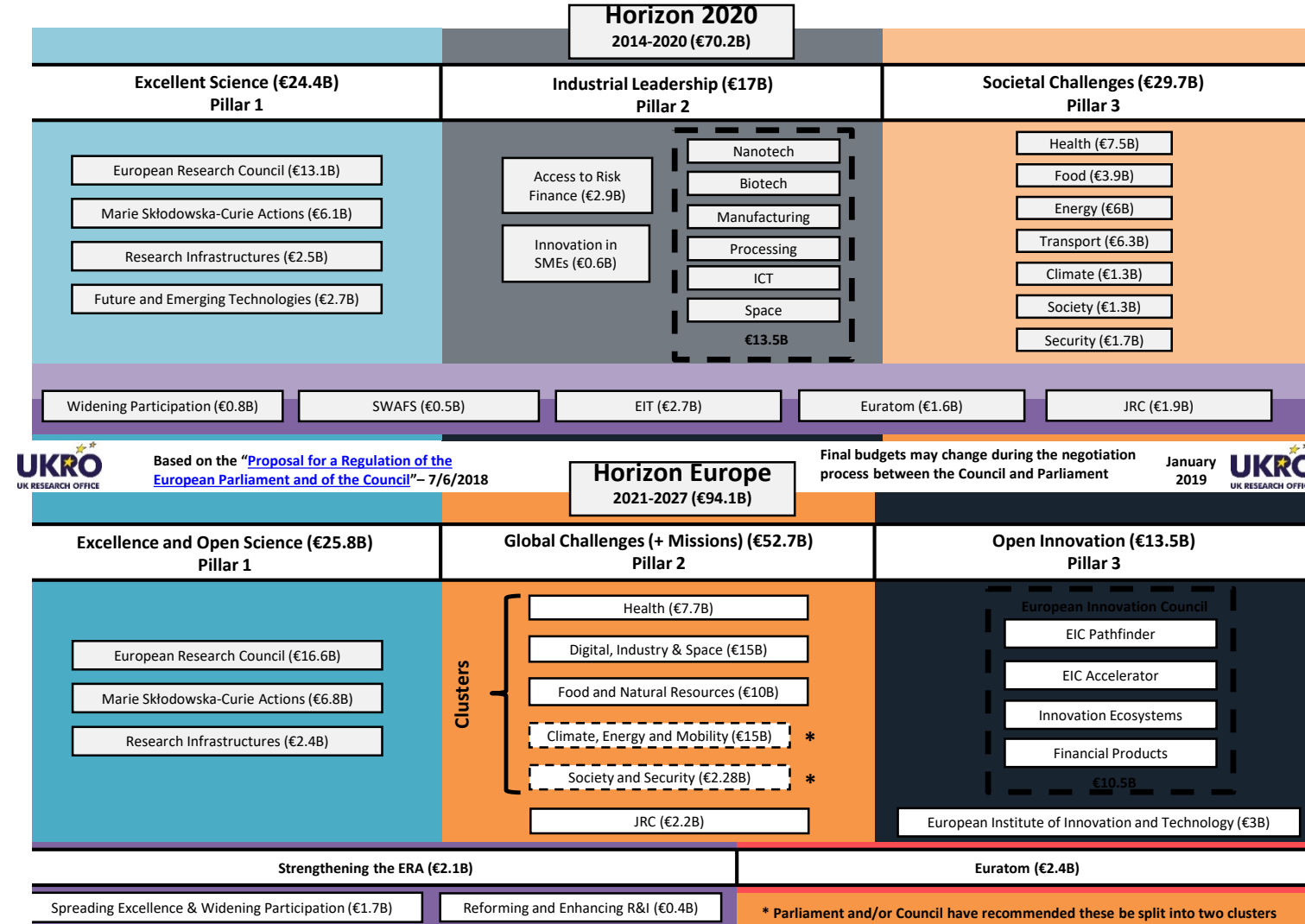
The Commission's proposal for a **100 billion euro** research and innovation funding programme for seven years (2021-2027):

- strengthen the EU's scientific and technological bases
- boost Europe's innovation capacity, competitiveness and jobs
- deliver on citizens' priorities and sustain our socio-economic model and values.
- additional 4.1 billion euro are proposed to be allocated for *defence research*

*'With growing international competition, Europe needs to act urgently on research and innovation. The proposed € 100 billion for the next EU research and innovation programme would be a huge boost.'*

*Carlos Moedas, Commissioner, 15/05/2018*

# Horizon Europe - Structure

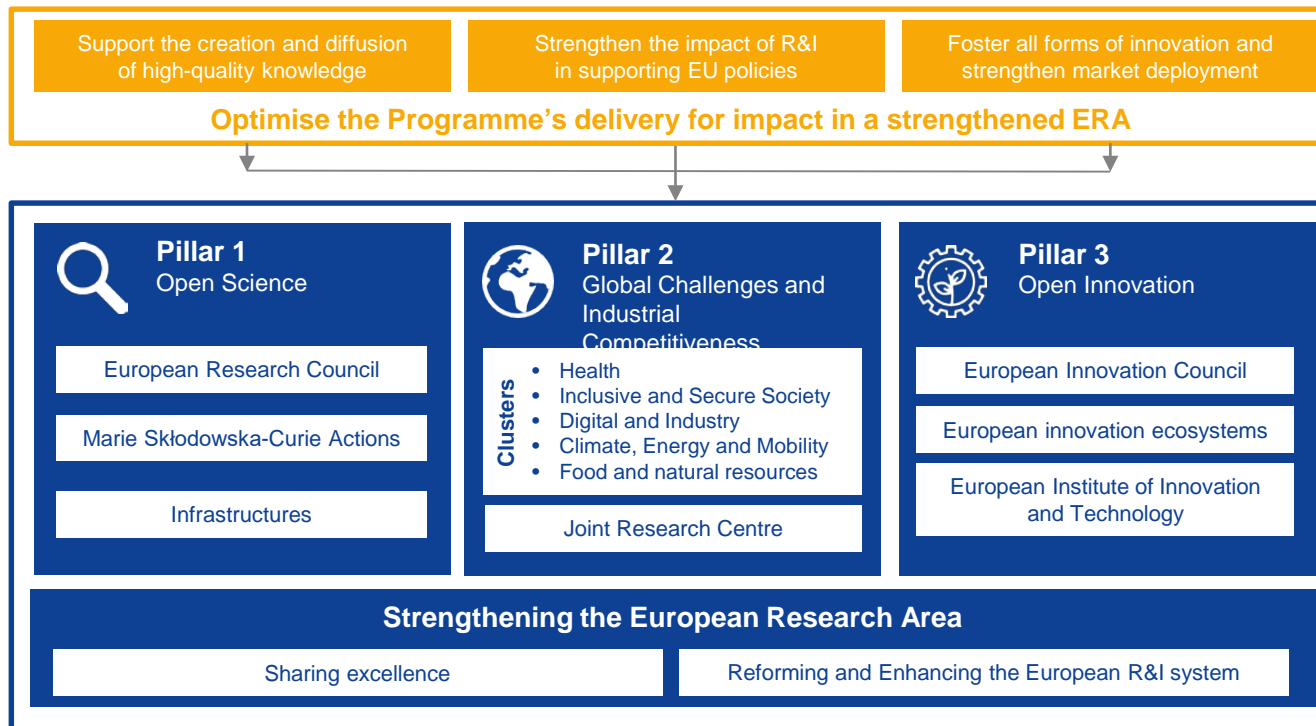


Final budgets may change during the negotiation process between the Council and Parliament

January 2019

# Horizon Europe - Structure

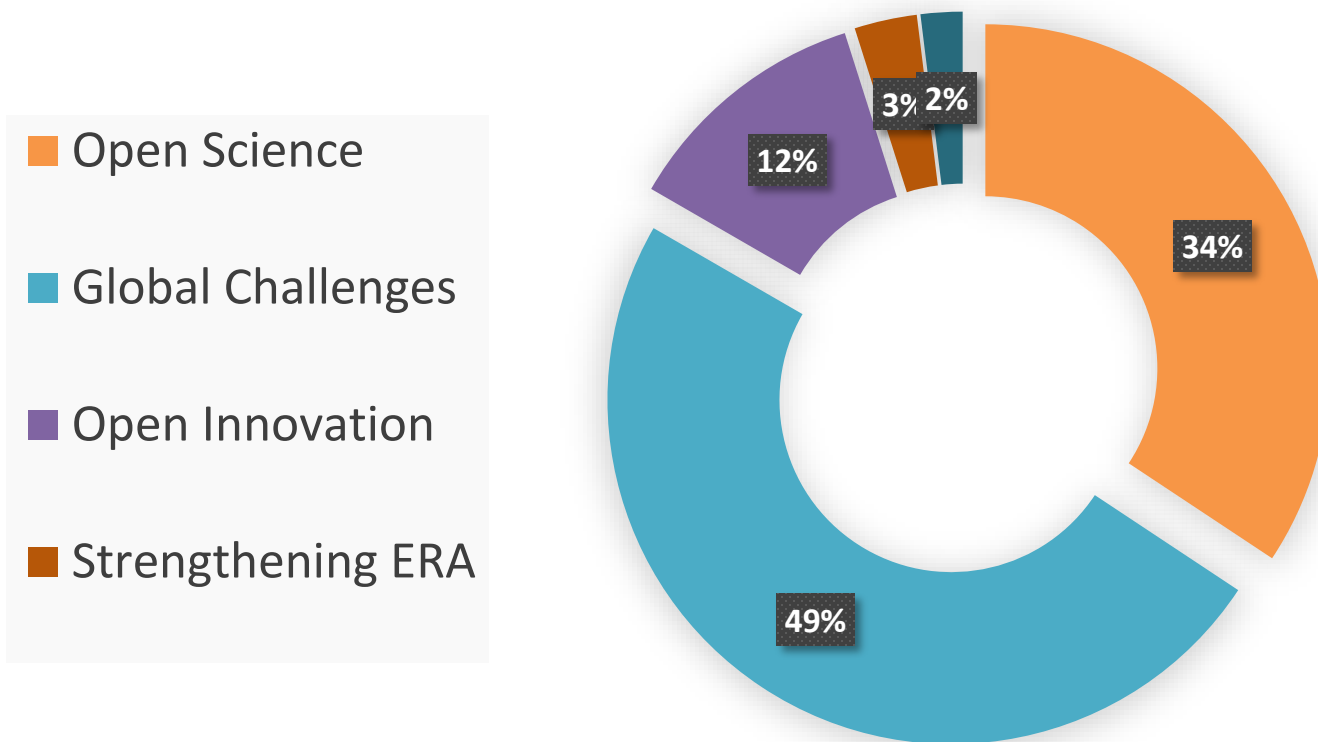
## Specific objectives of the Programme



### Key points:

- Similar structure to H2020
- ERC, MSCA and Infrastructures remain in a distinct excellence pillar called 'Open Science'
- Industrial Leadership topics have been dispersed amongst Pillar 3 –Open Innovation and the 'Digital and Industry' Global Challenge
- Spreading excellence, SWAFS and some topics under H2020 Societal Challenge 6 have been positioned in a 'transversal element' called 'Strengthening the European Research Area'

# Proposed distribution of budget



# Global Challenges & Industrial Competitiveness

Clusters	Implemented through usual calls, missions & partnerships	Budget (€) Bilion
Health	Health throughout the life course; Environmental and social health determinants; Non-communicable and rare diseases; Infectious diseases; Tools, technologies and digital solutions for health and care; Health care systems	7.7
Inclusive and Secure Societies	Democracy; Cultural heritage; Social and economic transformations; Disaster-resilient societies; Protection and Security; Cybersecurity	2.8
Digital and Industry	Manufacturing technologies; Digital technologies; Advanced materials; Artificial intelligence and robotics; Next generation internet; High performance computing and Big Data; Circular industries; Low carbon and clean industry; Space	15
Climate, Energy and Mobility	Climate science and solutions; Energy supply; Energy systems and grids; Buildings and industrial facilities in energy transition; Communities and cities; Industrial competitiveness in transport; Clean transport and mobility; Smart mobility; Energy storage	15
Food and Natural Resources	Environmental observation; Biodiversity and natural capital; Agriculture, forestry and rural areas; Sea and oceans; Food systems; Bio-based innovation systems; Circular systems	10
Joint Research Centre	<b>Supports European policies with independent scientific evidence and technical support throughout the policy cycle</b>	2.2

# Strengthening the European Research Area: optimising strengths & potential for a more innovative Europe

## Sharing Excellence

- Teaming (institution building)
- Twinning (institutional networking)
- ERA Chairs bringing excellence to institutions
- COST

**€1.7 billion- N.B Budget Doubled!**

## Reforming and enhancing the European R&I system

- Scientific evidence & foresight
- Open Science
- Policy Support Facility
- Attractive researcher careers
- Citizen science
- Responsible Research & Innovation; gender equality

**€0.4 billion**

## The EIC Pathfinder

- Strengthening the emergence and development of breakthrough science/technology leading to breakthrough / market-creating innovation
- Research and innovation project (usually from TRL 2/3)
- Competitive call for proposals with a bottom-up approach (completed by top-down Inducement Prizes)
- Carried out by a **Single Innovator** (possibly working with a consortium)
- Any legal entity (e.g. University, research organisation, Start-up, SME, Midcap, Corporate, etc)
- Grants (up to (€5) million)
- Outcome: a start-up, a robust business plan based on a breakthrough technology to be implemented by an enterprise (from start-up/spin-off to Midcaps)

## The EIC Accelerator

- Accelerating and accompanying the scale-up of enterprises carrying-out breakthrough market-creating innovation
- Development project (usually from TRL 5/6)
- Open call / first-come, first-assessed, first served approach. Direct access for start-ups emerging from the Pathfinder, ERC Proof of Concept, EIT KICs, Global Challenges projects, etc ...
- Bottom-up approach
- Single beneficiary
- Entreprises: start-ups, SMEs, Midcaps
- Direct blended finance (tailor-made mix of grants, debt, equity (from seed to mezzanine bridge))
- Up to (€30) million, possibly in several instalments (milestones)
- Equity finance : co-financing; except strategic reason (i.e. Security)

## EIC Pathfinder

- Focus on *transformational* change rather than incremental advances, by providing **financial support to risky cutting-edge research projects** aimed at developing innovation opportunities.
- Will support the **early-stages of scientific and technological R&D**, potentially radical innovative technologies of the future.
- Open to **all sciences and disciplines** and encourage unconventional collaborations.
- Will encourage **bottom-up proposals** and may support the emergence of spin-offs or involve existing SMEs, preparing take-up by the Accelerator (below).

## EIC Accelerator

- Foster the **translation of knowledge to the market** and the rapid scale-up of companies to market deployment.
- Will support and follow-up on other parts of Horizon Europe, including EIC Pathfinder, spin-offs from Pillar 2, Co-investment with Thematic Platforms (including JTIs), ERC Proof of Concept scheme, Start-ups emerging from EIT's KICs and Spin-offs.

# Partnerships in Horizon Europe

Horizon Europe proposes a single policy approach for *all kinds of partnerships*. ERA-NETs, JPIs, JTIs, FET Flagships and even the EIT/KICs will become AND be called ‘European partnerships’.

The proposal distinguishes between three types of European partnerships:

- I. **co-programmed partnerships** between the EU, Member States/ Associated Countries, and/or other stakeholders, based on Memoranda of Understanding or contractual arrangements with partners;
- II. **co-funded partnerships** with a blending (more or less centralised) of EU and national public and/or other R&I funding sources (current ERA-NETs, EJP, FET Flagships model);
- III. **institutionalised partnerships** (based on Art. 185 or 187 TFEU, and EIT regulation for KICs).

European Partnerships will be selected, implemented, monitored, evaluated and **phased-out** on the basis of the **following criteria**:

- Evidence that the European Partnership is more effective in achieving the objectives of the Programme;
- Coherence and synergies of the partnership with the R&I landscape, transparency and ‘additionality’;
- Long-term financial commitment of partners.

# Mission-Orientation in Horizon Europe

- Working **definition of a ‘mission’** = *‘Assignment given for a portfolio of R&I actions to achieve measurable results for a given impact within a set timeframe’.*
- They will aim at collaboration and EU level activity, with impact expected within a timeframe beyond individual topics or projects.
- Easy to communicate, to ‘capture the imagination’ and to involve the public (co-design/co-creation).
- Professor Maria Mazzucato (UCL) is [lead advisor](#) on how to define a ‘mission’ and how the approach will be implemented.
- N.B – Missions are not the same as ‘clusters’. There may be many more or many less!



## Three phases of design:

- Identification of a **limited number** of broad mission areas (3-5, e.g. cancer or infectious diseases, oceans, security etc.) by end of 2018
- Within the areas, potential missions would then be **co-designed** (involving experts and end-users, consultations and shadow programme committees during 2019).
- First Horizon Europe work programme would cover two years and include the first missions, these would run alongside normal calls.

# 'Mission-Oriented Research and Innovation in the European Union – A problem solving approach to fuel innovation-led growth' - February 2018



<https://data.europa.eu/doi/10.2777/360325>

- Proposes **five criteria for selecting missions** and places particular emphasis on public engagement at all stages:
  - I. Bold, inspirational with societal relevance
  - II. Targeted, measurable and time-bound
  - III. Ambitious but realistic
  - IV. Cross-sectoral, cross-disciplinary, across-actors
  - V. Promote multiple, bottom-up solutions
- Confirms that the approach would be **not to have a single project but a portfolio of instruments.**
- Provides example missions:
  - I. Climate Change: 100 Carbon Neutral Cities by 2030
  - II. Clean Oceans: A Plastic-Free Ocean
  - III. Citizen Health and Wellbeing: Decreasing the Burden of Dementia (halving the human burden by 2030).

# List of Potential Missions

- I. Health: Cure paediatric cancer**
- II. Carbon neutral cities with clean air**
- III. Healthy oceans: Eliminating plastic waste in rivers and seas**
- IV. Digital: Build the first universal quantum computer in Europe**
- V. Food/ Agriculture Sustainable land: Restoring soil health**

# International Cooperation and Third Country Status in Horizon Europe



# International Cooperation in Horizon Europe

- International Cooperation helps achieve greater impact in solving global challenges by aligning actions with other nations and regions of the world and by inviting partners from across the world to join EU action
- General opening for international participation
- Intensified targeted actions (flagship initiatives, joint calls, etc.)
- Extended openness to association (Category D)
  - Third countries with good capacity in science, technology and innovation
  - A commitment to a rules-based open market economy, including fair and equitable dealing with intellectual property rights, backed by democratic institutions; and active promotion of policies to improve the economic and social wellbeing of citizens.

# Future relationship

- The UK Government has stated that the UK remains committed to ongoing collaboration with the EU.
- Plan for future relationship was set out in a white paper, which proposes a cooperative accord with the EU on science and innovation.
- [Political Declaration](#) on future relationship between the UK and the EU was agreed in November 2018
- **UK has stated that it wishes to explore association to research and innovation programmes, including Horizon Europe, Euratom, JET and ITER.**

# Horizon Europe - the next research and innovation framework programme

How Horizon Europe is being designed, legal framework, factsheets, reports and timeline.

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**The Commission's proposal for Horizon Europe**

**Pursuing a mission-oriented policy approach**

**Reports and materials that shaped the proposal**

**Public input to the proposal**

**Adoption timeline**

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## The Commission's proposal for Horizon Europe

The Commission has published its proposal for Horizon Europe, an ambitious €100 billion research and innovation programme that will succeed Horizon 2020.

The proposal was made as part of the EU's proposal for the next [EU long-term budget](#), the multiannual financial framework (MFF).

Various building blocks were taken into account including the Interim evaluation of Horizon 2020, the Lab-Fab-App report (informally the Lamy report), foresight studies and various other reports.

### Legal texts, factsheets and video

- [legal texts and factsheets](#) for Horizon Europe
- factsheet about [research and innovation in the new EU budget](#) (French and German versions [also available](#))
- [video explaining the aims of Horizon Europe](#) ↗

## Pursuing a mission-oriented policy approach

(the entrepreneurs), we will mentor them, we'll be more than the money, we'll be about following up what they do, about giving them data that they need.

'And then there's this idea of linking what we do to people. The idea of the missions, which comes from the work of the economist [Mariana Mazzucato](#), is exactly to create ways of communicating better to the people what we do (in European science and research). Instead of saying that we will map the brain, we can say that our mission is to cure some diseases like Alzheimer's or dementia, or that we'll do something for people not to die of cancer, and people will understand better what we do.'

What's the benefit of arranging research funding around missions?



How will these missions be chosen? Will people have a say?

## #HorizonEU

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People

**Horizon Europe Business**  
@HorizonEU\_biz

Horizon Europe is the next #EU research & innovation framework programme - non official account #HorizonEU\_biz  
Tweets about #Renovation ...

**NKS-Network zu Horizont 2020**  
@NKS\_Horizon\_EU

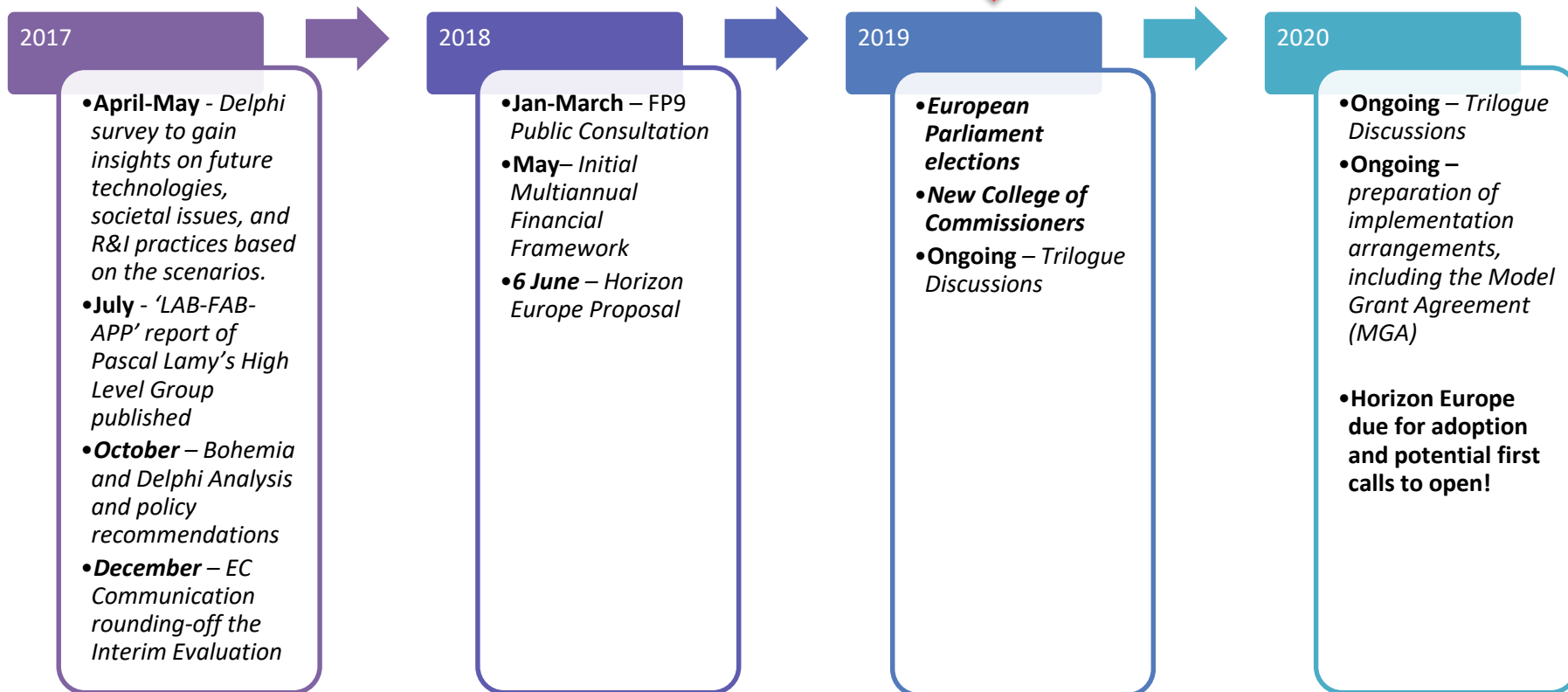
Hier twittert die Geschäftsstelle des Netzwerks der Nationalen Kontaktstellen in Deutschland zum EU-Rahmenprogramm für Forschung...

**Carlos Moedas** @Moedas · 10h

Productive meeting with Openers CEO @KerstinKolumna and MEP Christian Ehler, rapporteur on the #HorizonEU Specific Programme, to discuss the future of EU support for innovation #EU\_eic

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# Horizon Europe Timeline



National, regional, organisational and other stakeholder position papers published

## EU Council – Suggested changes to ‘Clusters’ (December)

- EU Council has agreed its ‘Partial General Approach’ to the *regulation* but suggested disaggregating ‘Mobility’ from ‘Climate and Energy’ as well as separating the ‘Security’ elements from more SSH topics.
- Pillar II 'Global Challenges and **European** Industrial Competitiveness' with the following components, taking into account that social sciences and humanities (SSH) shall play an important role across all clusters:
  - (a) cluster 'Health';
  - (b) cluster 'Culture and Inclusive Society';
  - (c) cluster ‘Civil Security for Society’;
  - (d) cluster 'Digital, Industry and Space';
  - (e) cluster 'Climate and Energy';
  - (ee) cluster 'Mobility';
  - (f) cluster 'Bioeconomy, Food, Natural Resources and Environment';
  - (g) non-nuclear direct actions of the Joint Research Centre (JRC).

## EU Parliament – Suggested changes to ‘Clusters’ (TBC)

- Pillar II 'Global Challenges and **European** Industrial Competitiveness' with the following components, taking into account importance of Space and Agriculture as focus areas:
  - I. Health
  - II. Inclusive and Creative Society
  - III. Secure Society
  - IV. Digital, Industry and **Space**
  - V. Climate, Energy and Mobility
  - VI. Food, Natural Resources and **Agriculture**



# Other R&I Funding Programmes Under MFF

- I. **Erasmus** – proposed budget of €30 billion
- II. **Digital Europe Programme** – proposed budget of €9.2 billion
- III. **InvestEU for Research and Innovation**- EU budget guarantee to support investment and access to finance in the EU. InvestEU aims to trigger €650 billion in additional investment
- IV. **Creative Europe** – €1.85 billion
- V. **European Space Programme** – proposed budget of €16 billion
- VI. **LIFE** – proposed budget of €5.45 billion
- VII. **European Defence Fund** – proposed budget of €13 billion (incl. €4.1 billion for research)
- VIII. **European Social Fund+** – proposed budget of €101.1 billion (incl. €413 million for the next Health Programme)
- IX. **Single Market Programme** – proposed budget of €6.1 billion (including €3 billion for the Programme for the Competitiveness of Enterprises and SMEs – COSME)



#### Cohesion and values

Regional development, support for reforms, anti-counterfeiting, EMU, investing in people (social,



#### Natural resources and environment

Agriculture, rural development, maritime, fisheries, environment, climate



#### Single market, innovation and digital

Single market, investment, research and innovation, tax, customs, small and medium-sized

[https://ec.europa.eu/commission/future-europe/eu-budget-future\\_en](https://ec.europa.eu/commission/future-europe/eu-budget-future_en)

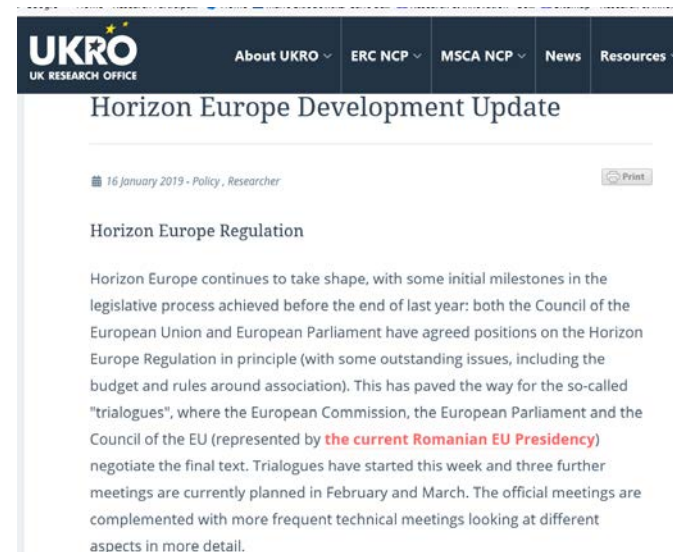
# How can you engage?

- Stay in the loop with policy developments via the UKRO Portal



The Commission's proposal for the next Multiannual Financial Framework (MFF), published on 2 May 2018, included details of several multiannual EU programmes that will run between 2021 and 2027 – These programmes will be negotiated by the European institutions during 2018 and 2019.

As part of the Commission's efforts to simplify the funding landscape, some programmes might become an integral part of larger ones in the next MFF. For example, the next EU Health Programme is expected to be included in the European Social Fund+, while COSME – the EU's programme for competitiveness of SMEs – might become a part of the new Single Market Programme.



Horizon Europe continues to take shape, with some initial milestones in the legislative process achieved before the end of last year: both the Council of the European Union and European Parliament have agreed positions on the Horizon Europe Regulation in principle (with some outstanding issues, including the budget and rules around association). This has paved the way for the so-called "trilogues", where the European Commission, the European Parliament and the Council of the EU (represented by **the current Romanian EU Presidency**) negotiate the final text. Trilogues have started this week and three further meetings are currently planned in February and March. The official meetings are complemented with more frequent technical meetings looking at different aspects in more detail.

- Respond to consultations; provide feedback!

- [UKRO Engagement page:](#)

## Stakeholder Workshop “Shaping How Horizon Europe is Implemented”

29 January 2019 - H2020 News, Researcher



On 30 January, UKRO will participate in a stakeholder workshop "**Shaping How Horizon Europe is Implemented**", organised by DG Research and Innovation (DG RTD) of the European Commission in Brussels between 9:30 and 17:00.

The meeting will provide an opportunity for stakeholders to discuss a number of matters related to the implementation of the future programme, including submission and evaluation of proposals, audits, dissemination and exploitation of results, as well as the use of simplified forms of costs such as lump sums. Subscribers can follow the discussions online using the following links:

- [Plenary sessions & Parallel sessions - Stream I](#); and

# How can you engage?

- Involve through NETWORKS: position papers; meetings in Brussels



- Attend high-level European events

Input Papers

01 WHAT'S UP

01  
02

**EARTO**  
IMPACT DELIVERED

**eua**

**LERU**

28 Jan 2019  
**EARTO paper looks at role of RTOs in emerging technologies for healthcare in new EU programmes**

11 Jan 2019  
**EUA comments on negotiation issues regarding Horizon Europe**

18 Dec 2018  
**LERU concerned about role of experts in shaping Horizon Europe**

NEWS ABOUT PROGRAMME CALL FOR PAPERS & POSTERS VENUE REGISTRATION & CONT  

## Programme

The purpose of the conference is to bring **valuation** and **impact contributions of SSH research to transformative, mission- and challenges-oriented national and European research and innovation agendas** to the forefront, to openly reflect and structurally discuss the topic in order to make it visible, debatable, verifiable and usable!

The conference will in particular **focus on two aspects:**

- SSH-contribution to **'Horizon Europe'** (Day 1), the next European research framework programme and
- Impact of SSH research (Day 2).

**MSCA 2018**  
VIENNA, OCTOBER 1-2 2018

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• a t Austrian Presidency of the Council of the European Union

An illustration featuring a large Ferris wheel on the left and a woman in a dark coat on the right, looking towards the wheel. The scene is set against a background of stars and a cityscape.

UKRO Portal – sign up today at  
[www.ukro.ac.uk](http://www.ukro.ac.uk)



Whether you are a researcher, European liaison officer or a research manager/administrator, you can sign up for free to stay up-to-date with the latest news, opportunities and insights into European funding

- Tailored news articles on EU funding and policy
- UKRO Factsheets on Horizon 2020 and other funding streams
- Email alert function and search engine with refiners and tags
- Daily or weekly alerts - personalise your account to best meet your needs!

The screenshot shows the UKRO website's registration page. At the top, there is a dark navigation bar with the UKRO logo and several menu items: 'About UKRO', 'ERC NCP', 'MSCA NCP', 'News', 'Resources', 'ELO Area', and 'Research Council Area'. A 'Sign Out' button is visible on the right. Below the navigation bar, the page title is 'UKRO > About UKRO > New Subscribers'. The main content area is titled 'Create Profile' and features a form with an 'Email:' label and a text input field containing the placeholder text 'Enter your email address'. A red 'Next' button is positioned below the input field.

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<https://www.ukro.ac.uk/aboutukro/Pages/register.aspx>

# Do not hesitate to contact me!

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