

Den europeiska forskningspolitiken – Horisont Europa och Brexit

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**The Framework
Programme is not a
research programme,
it is a**

POLITICAL INSTRUMENT

**where research and
innovation are needed
to achieve political
priorities**

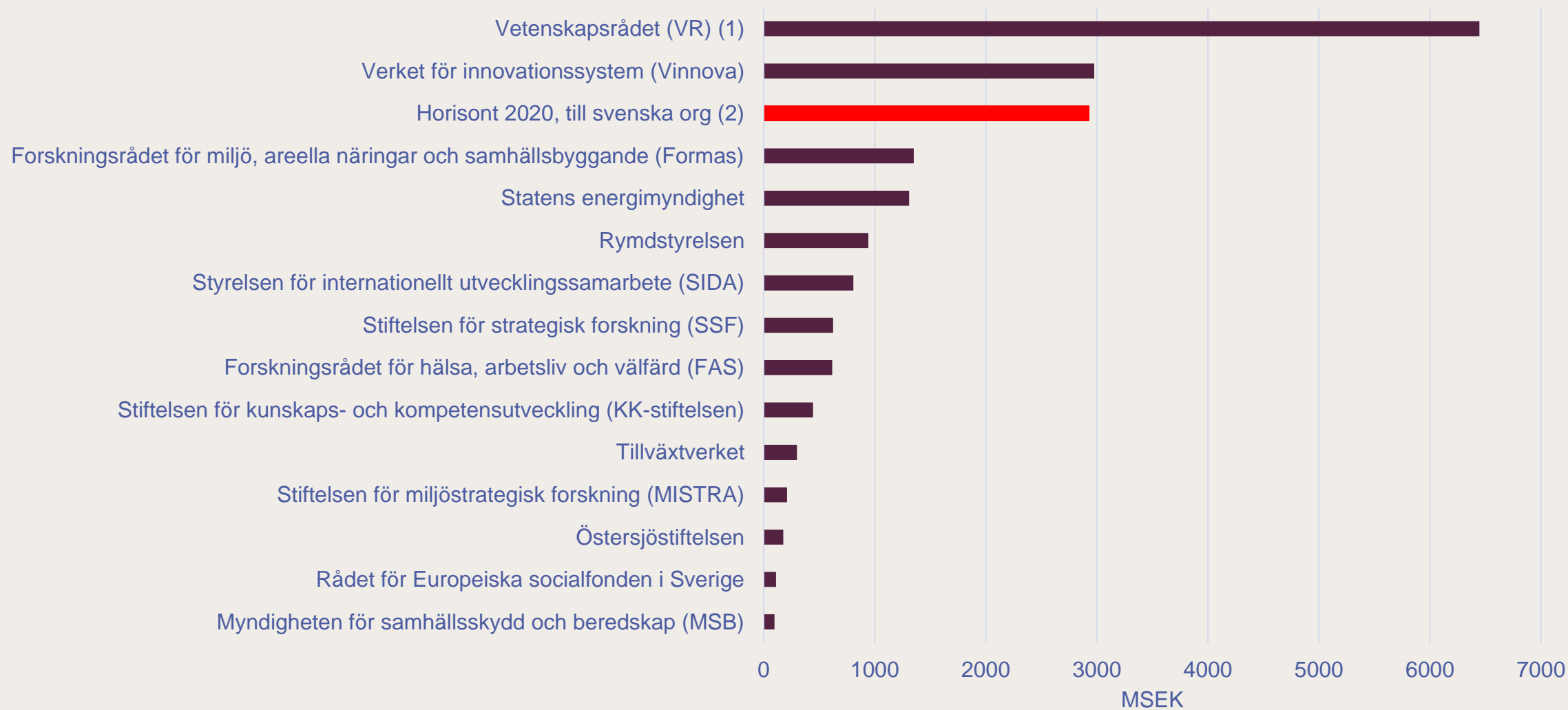


**Det europeiska
ramprogrammet är en del
av svensk forskningspolitik**



Forskningsfinansiering i Sverige

FoU understöd inrapporterat till SCB för 2017 (senaste data tillgänglig) + eCorda (H2020 för 2017)



1) För Vetenskapsrådet så inkluderas även poster till internationella organisationer samt utländska statliga enheter (1180 MSEK).

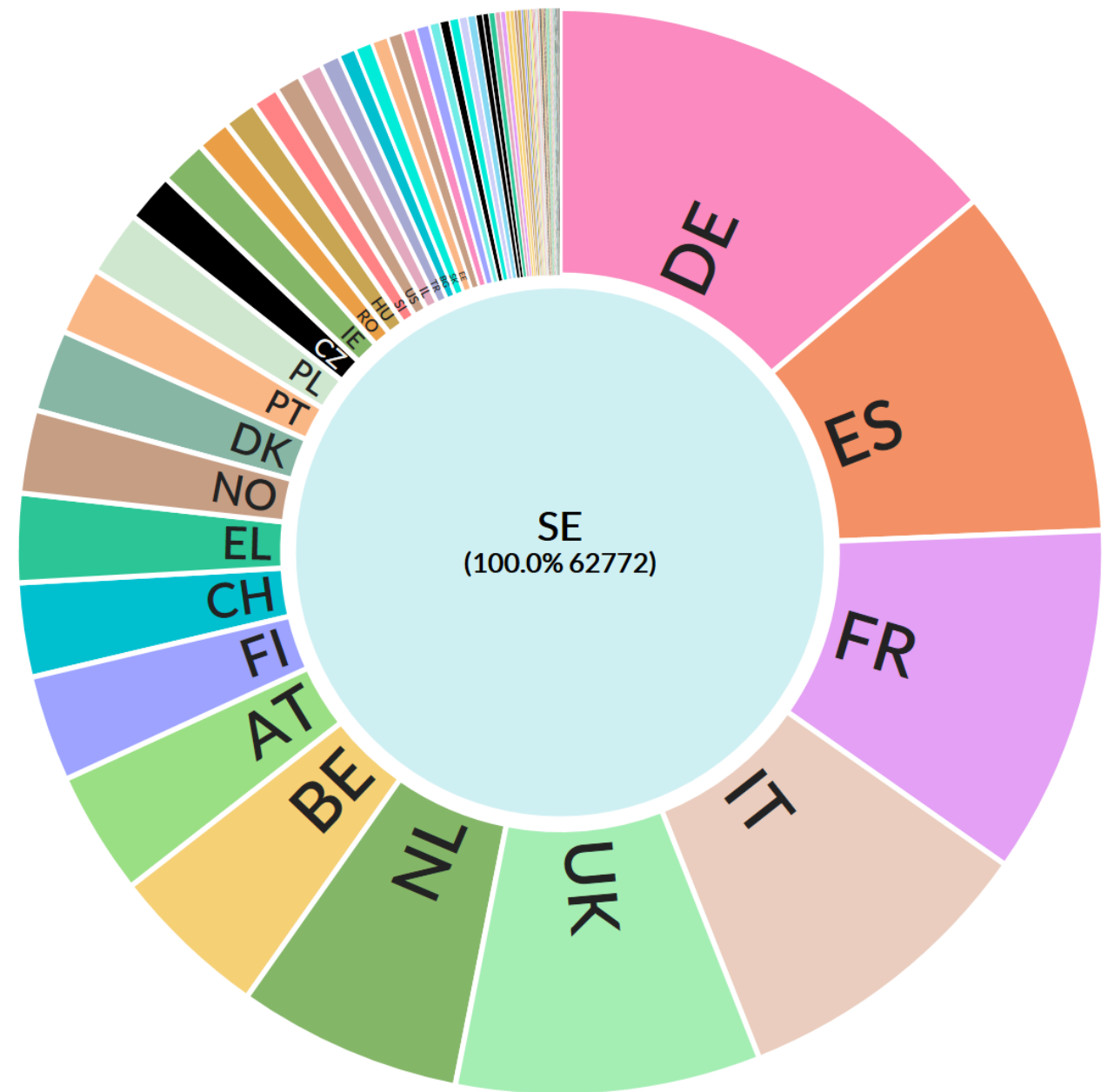
(2) För Horisont 2020 är medel uppskattade med avseende på data från eCORDA, från [KOMs Dashboard](#). Flera antaganden finns, bla linjär utbetalning över åren samt snittprojektlängd på 3 år, med hänsyn taget till projekt som har signerats under 2015, 2016 samt 2017.

För frågor kring antaganden i H2020 data kontakta katrin.danerlov@vinnova.se

Horisont 2020

Topp 10 samarbetsländer

1. Tyskland (13,8 %)
2. Spanien (10,6 %)
3. Frankrike (10,4 %)
4. Italien (9,3 %)
5. Storbritannien (9,1 %)
6. Nederländerna (6,7 %)
7. Belgien (4,7 %)
8. Österrike (3,7 %)
9. Finland (3,2 %)
10. Schweiz (2,8 %)



IS POLITICAL PARTICIPATION CONTAGIOUS?



08-05-2019 | © picture | 3 mins read



#ELECTIONS #DEMOCRACY #CORDIS #UPPSALA UNIVERSITY

ELECTION SERIES #7

PROJECT DETAILS



Researcher (PI): Sven Aron Oskarsson

Title

CONPOL

Contexts, networks and participation: The social logic of political engagement

Host Institution

Uppsala Universitet, Sweden



Strategic configuration – overview of HEU including missions



Pillar 1 Excellent Science

European Research Council

Marie Skłodowska-Curie
Actions

Research Infrastructures



Pillar 2 Global Challenges and European Industrial Competitiveness

- Clusters
- Health
 - Culture, Creativity and Inclusive Society
 - Civil Security for Society
 - Digital, Industry and Space
 - Climate, Energy and Mobility
 - Food, Bioeconomy, Natural Resources, Agriculture and Environment

Joint Research Centre



Pillar 3 Innovative Europe

European Innovation Council

European innovation
ecosystems

European Institute of
Innovation
and Technology

Widening Participation and Strengthening the European Research Area

Widening participation and spreading excellence

Reforming and Enhancing the European R&I system

MISSION AREAS:

Soil health and food



Adaptation to climate change, including societal transformation



Climate-neutral and smart cities



Cancer



Healthy oceans, seas, coastal and inland waters



#HorizonEU



European
Commission

49 kandidater till HEU-partnerskapsprogram

- Färre program, men större
- Alla presenteras från början – möjliggör prioritering (ex för lärosäten, samarbetskluster, länder, ...)
- Preliminär lista på www.era-learn.eu

The screenshot shows the ERA LEARN website interface. At the top, there is a navigation bar with links for HOME, ABOUT, CONTACT, NEWSLETTER, and Twitter, along with a search box. Below this is a dark blue header with links for Partnerships in a Nutshell, Explore P2Ps, Support for P2Ps, Documents, and News and Events. The main content area has a blue banner for 'Partnerships under Preparation'. Below the banner, there is a breadcrumb trail: Home / Partnerships in a Nutshell / R&I Partnerships / European Partnerships under Horizon Europe / Partnerships under Preparation / Candidates for European Partnerships. The main heading is 'Candidates for European Partnerships' with a '+ add to pdf' icon. A paragraph explains that subpages are available for each candidate. Below this, an overview of suggested European Partnerships per Cluster and Pillar is provided in a grid of six boxes:

- HEALTH**
 - EM-Mixie Global Health
 - Innovative Health Initiatives
 - Chemicals Risk Assessment
 - Fostering an ERA for health research
 - Large-scale innovation and transformation of health systems to a digital and ageing society
 - Personalised Medicine
 - Rare Diseases
 - One Health APIs
- DIGITAL, INDUSTRY AND SPACE**
 - High Performance Computing
 - Key Digital Technologies
 - Smart Networks and Services
 - AI, data and robotics
 - Photonics Europe
 - Clean Steel - Low Carbon Steelmaking
 - European Metrology
 - Made in Europe
 - Carbon Neutral and Circular Industry
 - Global competitive space systems
 - European Geological Service
- PILLAR III AND CROSS-PILLAR**
 - EST Climate KIC
 - EST Health
 - EST Manufacturing
 - EST Food
 - EST Secondary
 - EST Manufacturing
 - EST Raw Materials
 - EST Digital
 - EST Urban Mobility
 - EST Cultural and Creative Industries
 - Innovative SPESs
 - European Open Science Cloud (EOSC)
- CLIMATE, ENERGY AND MOBILITY**
 - Transforming Europe's rail system
 - Integrated Air Traffic Management
 - Clean Aviation
 - Clean Hydrogen
 - Built environment and construction
 - Towards zero-emission road transport
 - Mobility and Safety for Automated Road Transport
 - Batteries
 - Clean Energy Transition
 - Sustainable, Smart and Inclusive Cities and Communities
 - Smart and zero-emission waterborne transport
- FOOD, BIOECONOMY, NATURAL RESOURCES, AGRICULTURE AND ENVIRONMENT**
 - Accelerating farming systems transition
 - Animal health: fighting infectious diseases
 - Environmental Observatoire for a sustainable EU agriculture
 - Reconciling biodiversity to safeguard life on Earth
 - A climate neutral, sustainable and productive Blue Economy
 - Safe and Sustainable Food System for People, Planet & Climate
 - Circular bio-based Europe
 - Water4All: Water security for the planet

On the right side, a list of 15 candidates for European Partnerships is shown:

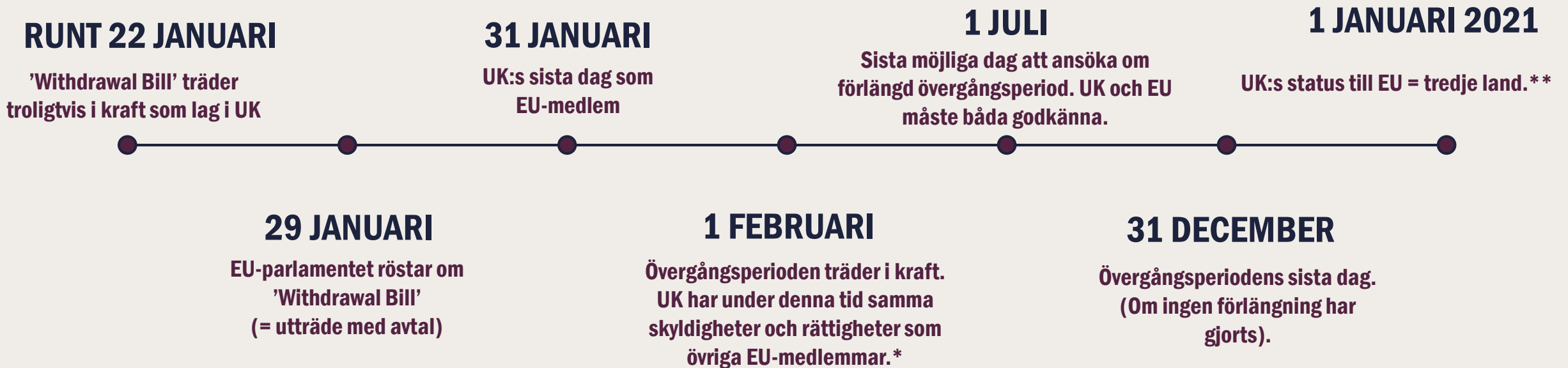
- 01 EU-Africa Global Health Partnership
- 02 Innovative Health Initiative
- 03 European Partnership for Chemicals Risk Assessment
- 04 European Partnership fostering an ERA for Health research
- 05 European Partnership on Health and Care Systems Research and Innovation
- 06 European Partnership on personalised medicine
- 07 European Partnership on Rare Diseases
- 08 European High Performance Computing (EuroHPC)
- 09 Key Digital Technologies (KDT)
- 10 European Partnership on Smart Networks and Services
- 11 European Partnership on AI (Artificial Intelligence), data and robotics
- 12 European Partnership on Photonics
- 13 Clean Steel & Low Carbon Steelmaking
- 14 European Metrology Partnership
- 15 Made in Europe

Den nationella EU-samordningsfunktionen

- **samordna och förstärka** det strategiska och proaktiva arbetet inom det europeiska forsknings- och innovationssamarbetet
- **verka för synergier** mellan EU-satsningar och nationella satsningar inom forskning och innovation
- **erfarenhetsutbyte** mellan ingående myndigheter



Brexit – viktiga datum 2020



* Betalar också in till EU:s budget.

** Beroende på utfall i förhandlingarna under övergångsperioden kan resultatet fortfarande bli en "no-deal exit"/hårt utträde.

UK research office i Bryssel:

“UK scientists, researchers and businesses can continue to participate in, bid for and lead projects in Horizon 2020, as if the UK remained a Member State, even after the UK exits the EU on 31 January 2020.”

UKRO UK Research and Innovation

BREXIT and Continued UK Participation in Research, Innovation and Higher Education

UKRO maintains this factsheet to provide the latest information on UK participation in Horizon 2020 and other EU funding schemes. You can contact UKRO for more information and to discuss your institutions and to your European and international research and innovation activities.

UK participation in Horizon 2020

UK scientists, researchers and businesses can continue to participate in Horizon 2020, as if the UK remained a Member State, even after the UK exits the EU on 31 January 2020. The UK remains the second highest recipient of Horizon 2020 funding and UK organisations are encouraged to continue to bid for and lead projects in the 2020 programme.

The **Withdrawal Agreement** means that the UK will continue to be eligible to participate in the 2014-2020 Multiannual Financial Framework (MFF) and the 2021-2027 MFF. The UK can continue to participate in these programmes and individual projects, including projects finishing after 31 January 2020.

A very limited number of UK Horizon 2020 projects, including those with information restricted for EU Member States, may be affected by the UK's exit from the EU. The government expects the European Commission to provide more information on affected UK grant holders should contact UKRI at ukri@ukri.gov.uk.

What does the European Commission say?

- Eligibility of UK applicants** – The Commission will continue to accept UK organisations to the 2018-2020 Work Programme of Horizon 2020.
- Evaluation** - The Commission provides a **brexit** "Experts should not evaluate proposals with a view to Brexit in future proposals."
- Addressing Brexit risks in applications** - UK **coordinators** of Horizon 2020 proposals will need to address Brexit in future proposals.

Do you have questions about including UK organisations?

You can find out the latest from UK Research and Innovation at ukro.gov.uk. The UK Department for Business, Energy and Industrial Strategy (BEIS) is the lead government department for UK participation in Horizon 2020. You can contact BEIS at research@beis.gov.uk for queries and to report any issues. You can also contact the inbox in the same way.

Where can I find official resources?

- The **website** of UK Research and Innovation provides information on UK participation in Horizon 2020.
- Following Article 50 negotiations in October 2019, the UK published on 19 October 2019 (Articles 137 and 138) a **Political Declaration** on the future relationship between the EU and the UK.
- The European Commission maintains a **website on the Taskforce on Article 50 negotiations with the United Kingdom**.

Version: 22 January 2020 - The information is provided by the UK Research Office (UKRO) and reflects our current understanding. Please contact us at ukro@beis.gov.uk if you have any questions.

1

Forskning för framtiden

Vetenskapsrådets analys som underlag till regeringens forskningspolitik

Redovisning av regeringsuppdrag (U2019/0190)

Vetenskapsrådet

2019

Slutrapport om Brexits effekter på forsknings- och innovationssamarbete

Analys av förändrade förutsättningar då Storbritannien träder ur Europeiska unionen

Vetenskapsrådet

VINNOVA
Sveriges innovationsmyndighet

Frågor till grupperna

- Hur tänker ni kring ert deltagande i Horisont Europa? Finns det tankar på att sätta verksamhetsmål för att söka eller koordinera EU-projekt?
- De nya partnerskapsprogrammen: hur kan svenska finansiärer och lärosäten samarbeta kring svenska prioriteringar?
- Vad gör lärosätena för att uppmuntra ERC-ansökningar från duktiga forskare? Finns det exempelvis tydliga riktlinjer kring OH? Har forskarna information om administrativt stöd? Lyfter lärosätet fram lokala ERC-förebilder?
- Brexit: Hur kan vi underlätta fortsatt samarbete mellan svenska och brittiska aktörer? Finns ex intresse för ett övergripande ramverk för svensk-brittiskt forsknings- och innovationssamarbete?