



COSMOS2020 NEWSLETTER #17

28 June 2016

Brexit - Statement on higher education & research following the EU referendum

Statement from Jo Johnson, Minister of State for Universities and Science, on higher education and research following the EU referendum.

"The UK has some of the best universities and researchers in the world, and international students, academics and researchers play a significant part in that success. As the Prime Minister set out last week, the government will continue taking forward the important legislation that was set before Parliament in the Queen's Speech, including the Higher Education and Research Bill.

We understand that there will be questions about how the referendum result affects higher education and research. Many of these questions will need to be considered as part of wider discussion about the UK's future relationship with the EU, but where we can provide further information, we will do so. The UK remains a member of the EU, and we continue to meet our obligations and receive relevant funding."

With regard to **HORIZON 2020 research funding** is written:

The referendum result has no immediate effect on those applying to or participating in Horizon 2020. UK participants can continue to apply to the programme in the usual way. The future of UK access to European science funding will be a matter for future discussions. Government is determined to ensure that the UK continues to play a leading role in European and international research.

[Full Statement](#)



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Welcome! Armenia & Georgia join Horizon 2020

Researchers and innovators from Armenia and Georgia will now have full access to Horizon 2020, the EU's research and innovation funding programme, under the same conditions as their counterparts from EU Member States and other associated countries.

Thanks to this agreement, Armenian and Georgian research institutes, universities and individual researchers will now have access to all opportunities offered by Horizon 2020 in diverse areas, from fundamental science to demonstration projects, on an equal footing with researchers and organisations from EU Member States and other countries associated to the programme.

PERASPERA Peraspera Cross-Sector Space Robotics Survey

This survey designed by the PERASPERA PSA attempts to identify where the technologies developed by the Space Robotics Strategic Research Cluster (SRC) could be exploited commercially in terrestrial, non-space sectors. Conversely, it also aims to identify where State-Of-The-Art technologies originating in other sectors could accelerate the developments being made by the SRC for space purposes.

The PERASPERA PSA may then use the data compiled by the survey to bring together businesses and researchers that might not ordinarily meet or collaborate with one another to discuss the possibility of future collaboration on EC-funded Operational Grants for Space Robotics.

The survey is primarily for researchers/developers, users and distributors operating in terrestrial (non-space) sectors.

[More about Peraspera](#) - [Cross-Sector Space Robotics Survey](#)



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Earth Observation Open Science 2016 Conference

12 – 14 September 2016, in ESRIN Frascati (Italy)

The European Space Agency ESA is organizing the 2nd consultation meeting of EO Open Science to explore new challenges and opportunities for EO research created by the rapid advances in Information and Communications Technologies (ICT). This includes open tools and software, data-intensive science, virtual research environment, citizen science and crowdsourcing, advanced visualization, e-learning and education of the new generation of EO and Data scientists.

The main objectives of the conference are to :

- Gather and foster the emerging EO Open Science scientific community,
- Provide a forum for scientists and value-adding players to present activities relevant to the EO Open Science themes,
- Provide a forum for international exchange on EO Open Science and for scientists to formulate community recommendations,
- Present large-scale international initiatives in the domain of EO Open Science,
- Consult scientists to prepare future ESA scientific Exploitation Elements activities supporting EO Open Science.

The conference is open to scientists, educators, developers and students working in the fields covered by EO Science and representatives from National, European and International space and value adding industry interested in the new EO Science approach and activities.

[Conference Website](#) - [Flyer](#)



Workshop on EU Research and Innovation in Support to the Earth Observation Market, 21 – 22 September 2016, Brussels

The overall objective of this workshop will be to explore Research and Innovation (R&I) actions needed for the development of a dynamic Earth observation (EO) market in Europe in relation to the Copernicus and GEO initiatives (Group on Earth Observations). European commercial entities involved or interested in Earth observation are particularly welcome and encouraged to participate.



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The three main themes of the workshop will be the following:

1. To characterise the current EO market in Europe and globally and its future trends (new EO services and products);
2. To identify R&I actions in support to the delivery of new EO services and products g. within Copernicus and GEO (Group on Earth Observations), and definition of appropriate measures to accelerate their uptake by industry;
3. To elaborate a mechanism for consulting/involving the European commercial sector towards GEO and Copernicus taking into account the dialogue already initiated between the two programmes.

The Directorate Climate Action and Resource Efficiency of European Commission's DG Research and Innovation (DG RTD) organises this workshop in collaboration with DG CONNECT, DG GROW, the JRC, EARSC, ESA (ESRIN), Geospatial Media and Communications BV, and HCP international.

[Read more](#)



UN Spider - Application of the month Free Satellite Data

In each monthly UN Spider Update one example of satellite data application is presented.

Satellite data can be applied for monitoring almost any natural hazard across the globe, and is therefore a crucial component for all phases of the disaster management cycle. More and more satellite imagery is available for free, and the image archives are continuously growing. This is a great data treasure, which is still underexploited for operational disaster and risk management. Some good examples of data usage are outlined below.

In relation to the response phase of a disaster, the Copernicus GIO Emergency Mapping Service (GIO EMS-Mapping) utilises freely accessible satellite data (such as Sentinel-1 imagery), as well as commercial data, to provide all involved actors with timely and accurate geospatial information relating to that particular disaster. The resulting information products can be used as supplied, or may be further combined with other data sources. In both cases, it is hugely beneficial for supporting geospatial analysis and decision making processes of emergency managers.

[Application of the Month](#) [Knowledge Portal](#)



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