



## COSMOS2020 NEWSLETTER #37

08 June 2018



### **European Commission publishes its €94.1B Horizon Europe proposal**

**Seven-year research programme labelled the EU's 'most ambitious ever'!**

**EU Research Commissioner Carlos Moedas sent the European Parliament and member states a €94.1 billion research budget proposal on Thursday outlining increases in basic science spending and a blueprint for a new innovation council to spawn transformative inventions.**

The Commission's budget breakdown for Horizon Europe, running between 2021 and 2027, devotes the biggest share of funding, €52.7 billion, to a series of projects to tackle climate change, boost digital technologies, improve food, handle other 'global challenges' and boost industrial competitiveness.

The budget spells out some of the proposed spending details of the so-called "clusters" of policy challenges. The amount is divided among five clusters and the Joint Research Centre, which performs in-house research for the Commission.

1. Health, €7.7 billion
  2. Inclusive and secure societies, €2.8 billion
  3. Digital and industry, €15 billion
  4. Climate, energy and mobility, €15 billion
  5. Food and natural resources, €10 billion (a figure already confirmed in the Commission's agricultural spending preview)
- The JRC stands to get €2.2 billion.

The balance of the €94.1 billion will go to fund fundamental science and innovation. The total for Horizon Europe represents about 10 per cent of government research funding across the EU.

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## A €16 billion Space Programme to boost EU space leadership beyond 2020

**For the next long-term EU budget 2021-2027, the Commission is proposing to devote €16 billion to help maintain and further enhance the EU's leadership in space.**

*The Commission's proposal will bring all existing and new space activities under the umbrella of a single programme. The new space programme will maintain existing infrastructure and services and introduce a number of new features as Fostering a strong and innovative space industry, Maintaining the EU's autonomous, reliable and cost-effective access to space & A unified and simplified system of governance.*

*The Commission proposes to allocate the €16 billion budget for 2021-2027 as follows:*

- €9.7 billion for Galileo and EGNOS, the EU's global and regional satellite navigation systems
- €5.8 billion for Copernicus, the EU's Earth Observation programme
- €500 million to develop new security components

*A swift agreement on the overall long-term EU budget and its sectoral proposals is essential to ensure that EU funds start delivering results as soon as possible. Delays would mean that investments in the EU's space activities – Galileo, EGNOS and Copernicus – would be put at risk and new services would be delayed.*

[More Information](#) / [Q&A on the new EU Space Programme](#)



## EU denies 'power grab' on European Space Agency

**Plans to create EU Agency for the Space will not encroach on ESA activities, European Commission says.**

The European Commission has denied it is set on creating a rival to the European Space Agency (ESA), reacting strongly to claims made by Jan Wörner, ESA's director general, who said the EU 2021 – 2027 plan for space research amount to a blueprint for a duplicate body that will, "take decades and cost billions". The Commission outlined the plan for a beefed-up space research programme as part of a budget presentation in which it proposed raising the space budget to €16 billion between 2021 and 2027, an increase of about €5 billion on the present period.

ESA gets the majority of its funding from the EU, but it is not an EU agency and is independent of Brussels. Industry commissioner Elżbieta Bieńkowska said the proposed new agency would not take responsibilities away from ESA. "There is definitely no transfer of competence from ESA to the new agency," she said. "All the institutions need [each other]."

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## EC launches website on Horizon Europe, the next research and innovation framework programme

**On the new website the European Commission provides a broad range of information and background documents on the recently published Horizon Europe proposal.**

- 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

[Visite Website](#)



European  
Global Navigation  
Satellite Systems  
Agency

## 15th European Satellite Navigation Competition is open for submissions

**The race is on to come up with 2018's most innovative and marketable European GNSS (EGNSS) applications. For the European GNSS Agency (GSA), the European Satellite Navigation Competition (ESNC) represents an important means for scouting new downstream business ideas that harness satellite navigation. As such, it is directly in line with one of the Agency's key objectives– to help foster the best use and widest uptake of EGNSS.**

This year, the GSA will award three prizes addressing the topic 'When and Where? – Exact timing and positioning matters', with special consideration being given to proposals that leverage EGNSS differentiators, such as:

- Multiple frequencies E1, E5 and E6
- Galileo-specific signal modulation, e.g. AltBOC
- Galileo Search and Rescue Service
- High-precision and authentication services that will be provided by Galileo, i.e. within the Commercial Service and within the Open Service authentication (OS NMA)

Cash prizes of €3000, €5000 and €7000 will be awarded to the top three proposals. In addition, the first prize winner will benefit from extensive promotion through GSA marketing channels and at relevant industry events and, if eligible, will receive tailored EGNSS Accelerator business support worth €62,000.

Organizers launched the 2018 edition of the European Satellite Navigation Competition, known as the 'Galileo Masters', at the GSA's new Galileo Reference Centre in Noordwijk, highlighting the long-standing partnership between the GSA and the Competition.

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