

## Space

THE SPACE THEME OF THE HORIZON 2020 PROGRAMME DEVELOPS THE COMPETITIVENESS OF EUROPEAN SPACE INDUSTRY AND APPLICATION IS SATELLITE NAVIGATION (GALILEO) AND EARTH OBSERVATION (COPERNICUS). THE SPACE THEME HAS A BUDGET OF 1.5 BILLION EURO.

### Call 2017

The call themes are

- Applications in Satellite Navigation (Galileo) – grant budget 33 M€
- Earth Observation (satellite remote sensing) – grant budget 22 M€
- Competitiveness of the European Space Sector: Technology and Science – grant budget 43.50 M€
- SME initiative (12.6 M€) and Fast Track to Innovation have open themes

The call for proposals opens 8 November 2016.

The call for proposals closes 1 March 2017.

The budget for the call is 111 million euro.

### Special conditions

Participation of third countries and international organizations is welcome in all other topics except critical technologies for spacecraft.

### Contact Information

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### Online Sources of Information

- European Commission DG GROW Space [http://ec.europa.eu/growth/sectors/space/index\\_en.htm](http://ec.europa.eu/growth/sectors/space/index_en.htm)
- Horizon 2020 Space <http://ec.europa.eu/programmes/horizon2020/en/h2020-section/space>
- Horizon 2020 Participant Portal  
<http://ec.europa.eu/research/participants/portal/desktop/en/home.html>
- EU Research and Innovation Programmes <http://www.tekes.eu>
- Projects of FP6, FP7, H2020: [http://cordis.europa.eu/projects/home\\_en.html](http://cordis.europa.eu/projects/home_en.html)
- Cordis Partner Search: <http://cordis.europa.eu/partners>

## Topics 2017

### **Call - Applications in Satellite Navigation**

GALILEO-1-2017: EGNSS Transport applications (grant 1-3 M€; budget 14.5 M€, 5 to 14 Innovation Action-projects)

GALILEO-2-2017: EGNSS mass market applications (1-3 M€; 9 M€, 3 to 9 IA-projects)

GALILEO-3-2017: EGNSS professional applications (0.5 -1 M€; 8 M€, 8-16 IA-projects)

GALILEO-4-2017: EGNSS awareness raising and capacity building (0.5-1 M€; 1.5 M€, 2 to 3 CSA-projects)

### **Call - Earth Observation**

EO-1-2017: Downstream applications (grant 1-2 M€; 12 M€ budget, 6 to 12 IA-projects)

EO-2-2017: EO Big Data Shift (grant 1-2 M€; 6.50 M€ budget, 3 to 6 RIA-projects)

EO-3-2017: Preparation for a European capacity to monitor CO2 anthropogenic emissions (grant 3.50 M€ budget, one CSA-project)

### **Call - Competitiveness of the European Space Sector: Technology and Science**

COMPET-1-2017: Technologies for European non-dependence and competitiveness (grant 2-5 M€; budget 15 M€, 3 to 7 RIA-projects)

COMPET-2-2017: Competitiveness in Earth observation mission technologies (grant 2-3 M€; budget 7 M€, 2 to 3 RIA-projects)

COMPET-3-2017: High speed data chain (grant 5-7 M€; budget 10 M€, 1 to 2 RIA-projects)

COMPET-4-2017: Scientific data exploitation (grant 1.5 M€; budget 6 M€, 4 RIA-projects)

COMPET-5-2017: Space Weather (grant 1-1.5 M€; budget 3 M€, 2 to 3 RIA-projects)

COMPET-6-2017: Space portal (grant 0.5 M€, one CSA-project)

COMPET-7-2017: Technology transfer and business generators (grant 2 M€, one CSA-projects)

### **SME Instrument**

SMEInst-04-2016-2017: Engaging SMEs in space research and development

### **Earth Observation projects also in**

Sustainable Food Security – resilient agri-food chains (H2020-SFS-2016-2017)

- SFS-43-2017: Earth Observation services for the monitoring of agricultural production in Africa

Climate Action, Environment, Resource Efficiency and Raw Materials - Earth Observation (H2020-SC5-2016-2017)

- SC5-18-2017 - Novel in-situ observation systems
- SC5-19-2017 - Coordination of citizens' observatories initiatives

### **Navigation related research also in**

Societal Challenge Smart Green and Integrated Transport

Automated Road Transport:

- ART-02-2016: Automation pilots for passenger vehicles

Mobility for Growth:

- MG-5.2-2017: Innovative ICT solutions for future logistics operations