Brief Update on H2020 Space 2nd Call (2015) and WP 2016-2017

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Horizon 2020
Introduction

- Europe's main Research, Development & Innovation programme

- **Challenge oriented** rather that technology pushed

- Based on **three pillars** integrated into ONE single programme
  - **Excellent science**
  - **Industrial leadership**
  - **Societal challenges**

- Coupling research with innovation (from basic research to market)

- Simplified access, for companies, universities, research institutes and SME across 28EU countries, 9AC countries and 135 non-European countries

Horizon 2020
Rules for Participation

- **Funding via Competitive Collaborative Projects**
  - **28 EU countries finance H2020 from the MFF (2014-2020)**
  - Minimum **3 partners** from 3 different countries per consortium
  - EU **Associated Countries** are full beneficiaries of H2020
  - **Other 135 non European** countries are also beneficiaries of H2020

- **Funding rates**
  - **Direct Costs (labor and operational costs)**

    Research and Innovation Actions (100% funding)

    Innovation Actions (70% funding – 100% for non-profit participants)

    Coordination and Support Actions (100% funding)
  - **Indirect costs (Overheads, taxes)**

    25% (flat rate over direct eligible costs)

- **Same rules for all**

  Funding rate depend on project not on partner type.

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Horizon 2020 SPACE
Vision for the SPACE Programme

- Foster a space research community and a cost-effective, competitive and innovative space industry (including SMEs) to develop and exploit space infrastructure to meet future Union policy and societal needs.

- Foster complementarity with ESA initiatives and national space programmes.

Prepare for the increasing role of space in the **future** and reap the benefits of space **now**

H2020 SPACE in Short
Key points

- H2020 is based on a competitive open call system
- 3 partners from 3 different countries as minimum (except SME instrument)
- Foster Cooperation among EU and international partners
- Research, Industry, SME, public entities have similar financial conditions
- Research partners always get 100% funding (direct costs) + 25% (indirect costs)
- 9 month from submission deadline to contract

H2020 SPACE
Portugal outcome of 1st call 2014

- Participation in 12% of the proposals (40/323)
- Success in 50% of the coordination submitted (2/4)
- Participation in 11% of the projects (7/62)
- PT Success rate within EU average (19%)
- 10 successful participations out of 52 submitted

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Gabinete de Promoção do Programa Quadro de I&DT

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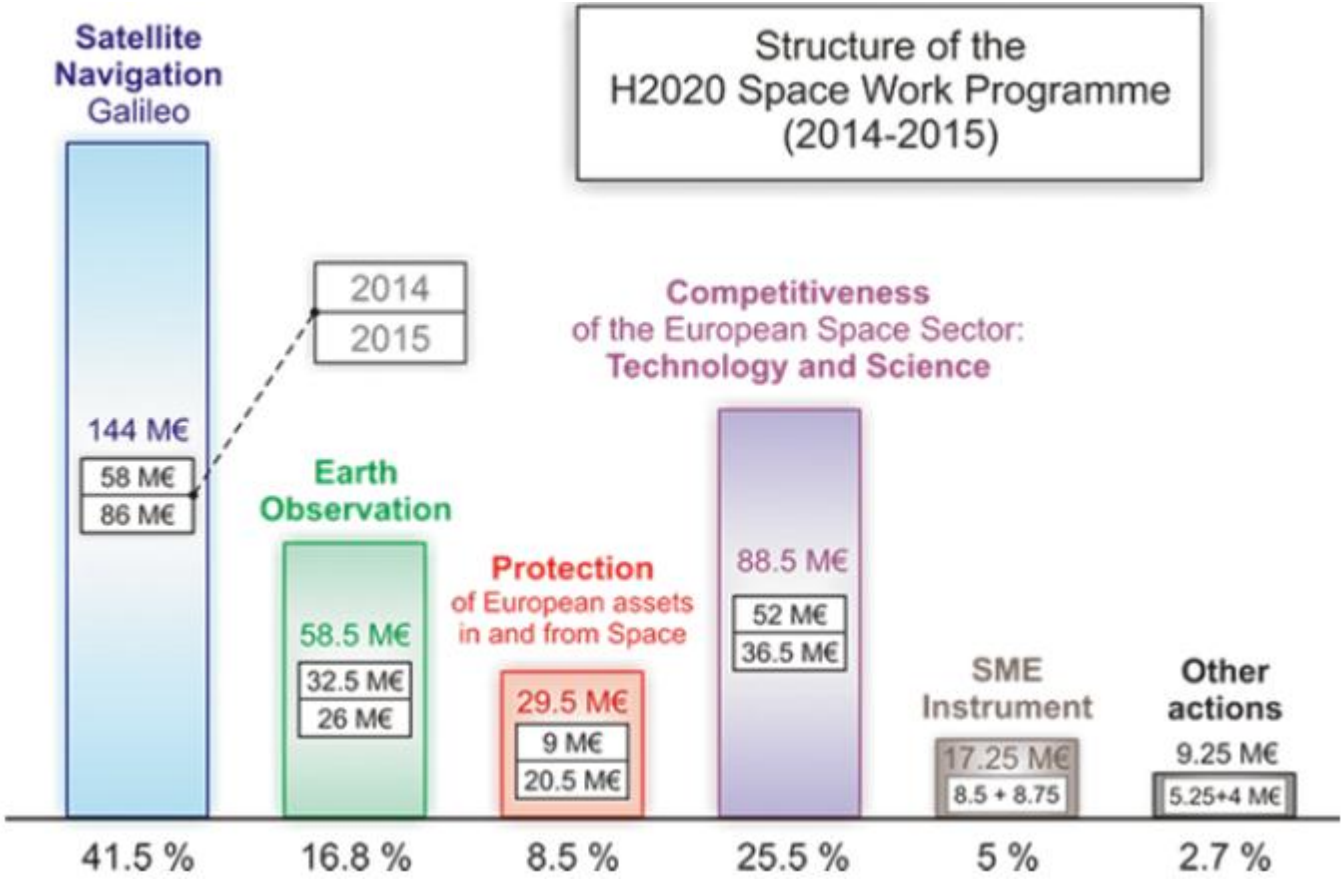
H2020 SPACE



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Horizon 2020 SPACE
2015 Call

The dates for WP2015 Call are:

- **Open: November 2014**
- **Deadline: 8 April 2015**

Full text for WP 2015:

http://ec.europa.eu/research/participants/data/ref/h2020/wp/2014_2015/main/h2020-wp1415-leit-space_en.pdf

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Horizon 2020 SPACE
Timetable towards the adoption of the WP 2016-2017

2015	
Jan – April	**Preparation of draft WP parts** on the basis of the Strategic Programming document, including: ➢ Input on WP content from different stakeholders ➢ Discussions on WP drafts with the Programme Committee
4 May	**Final draft to be submitted to DG-RTD**
1-22 June	**Commission inter-service consultation**
13-31 July	**Opinion of the Programme Committee**
31 September	**Commission adoption and publication of the WP**

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Gabinete de Promoção do Programa Quadro de I&DT

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Horizon 2020 SPACE
Work programme 2016 - 2017

Work programme 2016-2017:

- Satellite Navigation – Galileo and EGNOS
- Earth observation
- Protection of European assets in and from space
- Competitiveness of the European Space Sector: Technology and Science
- Miscellaneous

Horizon 2020 SPACE
Work programme 2016 - 2017

Satellite Navigation – Galileo and EGNOS

- EGNSS Transport applications (2017)
- EGNSS Mass Market applications (2017)
- EGNSS Professional applications (2017)
- EGNSS Awareness Raising and Capacity building (2017)
- Cross-cutting transnational Collaboration in GNSS R&D (2016)

OPEN CALLS

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Horizon 2020 SPACE
Work programme 2016 - 2017

Satellite Navigation – Galileo and EGNOS

- Galileo evolution, mission and services related R&D activities (2016 - 2017)
- EGNOS evolution, mission and services related R&D activities (2016)
- GNSS evolution, infrastructure-related R&D activities (2016 - 2017)

OTHER ACTIONS

Horizon 2020 SPACE
Work programme 2016 - 2017

EO - Earth Observation

- Downstream services (2016 - 2017)
- Downstream services for public authorities (2016 - 2017)
- Data infrastructure (in Europe) (2016 - 2017)
- Data infrastructure (Outside Europe) (2017)
- Evolution of Copernicus services (2016 - 2017)
- Technology development (2017) — Move to COMPET

OPEN CALLS

Horizon 2020 SPACE
Work programme 2016 - 2017

PROTEC - Protection of European assets in and from space

- Space Weather (2017) → OPEN CALL
- SST Support Framework (2016 - 2017)
- SST Sensors (2016 - 2017)

OTHER ACTIONS

Horizon 2020 SPACE
Work programme 2016 - 2017

COMPET - Competitiveness of the European Space Sector: Technology and Science

- Technologies for European non-dependence and competitiveness (2016 - 2017)
- Bottom-up space technologies at low TRL (2016 - 2017)
- SRCs for In-space Electric Propulsion & Space Robotics (2016)

OPEN CALLS

Horizon 2020 SPACE
Work programme 2016 - 2017

COMPET - Competitiveness of the European Space Sector: Technology and Science

- Scientific instrumentation.
  Open to international cooperation (2016)
- Exploration analogues. Open to international cooperation (2017)
- Scientific data exploitation (2016 - 2017)

OPEN CALLS

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Horizon 2020 SPACE
Work programme 2016 - 2017

COMPET - Competitiveness of the European Space Sector: Technology and Science

- Technology transfer and business generators dissemination
- Space portal
- Implementation of ISS experiments

OPEN CALLS

OTHER ACTIONS

Horizon 2020
Sources of information

Horizon 2020 Participant portal:
http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/index.html

Horizon 2020 Helpdesk:
https://ec.europa.eu/research/participants/portal/desktop/en/support/research_enquiry_service.html

Guides for applicants:
http://ec.europa.eu/research/participants/portal/desktop/en/funding/index.html

H2020 website:
http://ec.europa.eu/programmes/horizon2020/

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