



Towards the implementation of Space in Horizon 2020

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Europe 2020 priorities

International cooperation

European Research Area

Shared objectives, common rules, funding schemes

Excellent Science

- European Research Council
- Future and Emerging Technologies
- Marie Curie actions on skills, training and career development
- Research infrastructures

27.8 B€

20.3 B€

35.9 B€

Societal Challenges

- Health, demographic change and wellbeing
- Food security, sustainable agriculture, marine and maritime research and the bio-economy
- Secure, clean and efficient energy
- Smart, green and integrated transport
- Climate action & Resource Efficiency and Raw Materials
- Inclusive, innovative and secure societies

Industrial Leadership

- Leadership in enabling and industrial technologies (ICT, nano, materials, bio, manufacturing, space)
- Access to risk finance
- Innovation in SMEs

Supporting the objectives:

EIT

JRC

Simplified access

Dissemination & knowledge transfer

87.7 B€

Place for Space everywhere



Industrial Leadership

Excellent Science

- ← Frontier research European Research Council (ERC)
- ← Future and Emerging Technologies (FET)
- ← Marie Curie actions on skills, training and career development
- ← Research Infrastructures

Beneficiary

Innov. SMEs Acces Risk Finance

Info. Commun. Technologies

Key Enabling Technologies

↓ USER ↓

Space Theme RTD&I

Enabler

Societal Challenges

- ← Bioeconomy
 - Food security
 - Sustainable agriculture & Forestry
 - Marine & maritime research
- ← Secure societies
- ← Energy
 - Secure, clean and efficient
- ← Transport
 - Smart, green and integrated
- ← Resource Efficiency & Raw Materials
- ← Climate Action

SPACE in H2020



Four objectives Specific Programme proposal

- Enhance **competitiveness, non-dependence, and innovation** of EU space sector

The objective is to maintain a globally leading role in space by safeguarding and developing a competitive space industry and research community and by fostering space-based innovation

- Enable advances in **space technologies**

The objective is to ensure the capability to access space and to operate space systems to the benefit of European society in the next decades

- Increase **exploitation of space data**

The objective is to ensure more extensive utilisation of space data from existing and future European missions in the scientific, public and commercial domain

- Enable participation in **international space partnerships**

The objective is to support the European research and innovation contribution to long term international space partnerships

+ relevant **space applications** under Societal Challenges

- Transport, Climate, Security,.....



Proposed Work Programme Cycle

2014	2015	2016	2017	2018	2019	2020
Strategic Programme						
Work Programme 1 (plus tentative information for 2016)		Strategic Programme				
		Work Programme 2 (plus tentative information for 2018)		Strategic Programme		
				Work Programme 3 (plus tentative information for 2020)		
						Work Programme 4



Thank you!

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