

HORIZON *2020*

LE PROGRAMME DE RECHERCHE ET
D'INNOVATION DE L'UNION EUROPÉENNE



Horizon 2020 ESPACE

Journée nationale d'information



11 Octobre 2016, Paris



Programme



09h00	Accueil	
09h15	Introduction	<i>Patricia Cymbalista, MENESR, RCP et PCN Espace</i>
09h30	Bilan des calls 2016 / Espace	<i>Hélène Bonfils, CNES, RCP et coordinatrice du PCN Espace</i>
10h00	Présentation du WP 2017 / Espace	<i>Jean-Michel Monthiller, Commission Européenne DG GROW</i>
10h45	Information préliminaire sur le WP 2018-2020 / Espace	<i>Patricia Cymbalista, MENESR</i>
11h00	Retour d'expérience d'un expert évaluateur	<i>Hervé Jeanjean, CNES</i>
11h30	Présentation du dispositif national d'accompagnement	<i>Hélène Bonfils, CNES</i>
11h45	Rendez-vous individuels (sur demande)	
12h45	Fin	



Introduction

Space Programmes in MFF 2014-2020



Multiannual Financial Framework 2014-2020

~ 12.000 M€



~ 1.400 M€



~ 3.800 M€



~ 6.300 M€

Excellent science

Priority 1 – **Excellent science**

- **European Research Council (ERC)**
- **Future and Emerging Technologies (FET)**
- **Marie Skłodowska-Curie Actions**
- **Research Infrastructures**

Why?

- World class science is the foundation of tomorrow's technologies, jobs and wellbeing
- Europe needs to develop, attract and retain research talent
- Researchers need access to the best infrastructures

Industrial leadership

Priority 2 – **Industrial leadership**

- **Leadership in enabling and industrial technologies (LEIT)**
 - Information and Communication Technologies (ICT)
 - Nanotechnologies
 - Biotechnology
 - Advanced manufacturing and Processing
 - **Space**
- Access to risk finance
- Innovation in SMEs

Why?

- Strategic investments in key technologies (e.g. advanced manufacturing, micro-electronics) underpin innovation across existing and emerging sectors
- Europe needs to attract more private investment in research and innovation
- Europe needs more innovative small and medium-sized enterprises (SMEs) to create growth and jobs



Societal challenges

Priority 3 – Societal Challenges

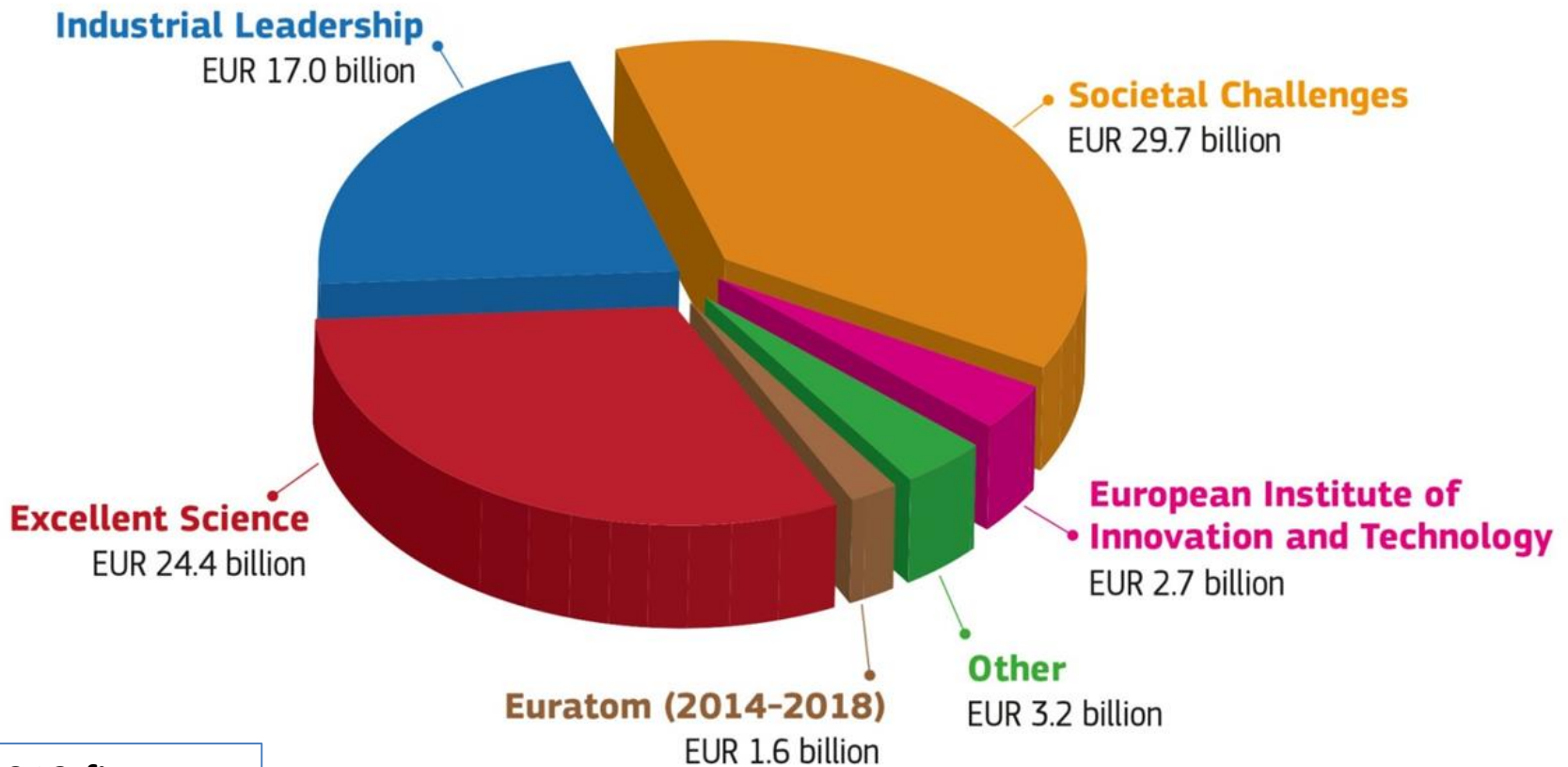
- **SC1 - Health, demographic change and well-being**
- **SC2 - Food security, sustainable agriculture and forestry, Marine, Maritime and Inland water research, and Bioeconomy**
- **SC3 - Secure, clean and efficient energy**
- **SC4 - Smart, green and integrated transport**
- **SC5 - Climate action, Environment, Resource efficiency and Raw materials**
- **SC6 - Europe in a changing world – Inclusive, Innovative and Reflective societies**
- **SC7 - Secure societies – Protecting freedom and Security of Europe and its citizens**

Why?

- Concerns of citizens and society/EU policy objectives (climate, environment, energy, transport, etc) cannot be achieved without innovation
- Breakthrough solutions come from multi-disciplinary collaborations, including social sciences & humanities
- Promising solutions need to be tested, demonstrated and scaled up

HORIZON 2020 BUDGET (in current prices)

€ 79 billion from 2014 to 2020



2013 figures

H2020 Space Specific Programme



- Enabling European competitiveness, non-dependence and innovation of the European space sector
 - ✓ Safeguard and further develop a competitive, sustainable and entrepreneurial space industry and research community and strengthen European non-dependence in space systems
 - ✓ Boost innovation between space and non-space sectors
- Enabling advances in space technologies
- Enabling the exploitation of space data
- Enabling European research in support of international space partnerships
- The application of space technologies shall be supported through the respective specific objectives of the priority "Societal challenges", where appropriate

For more information please consult Council Decision of 3 December 2013, [OJ L 347/993](#).

There is a place for SPACE everywhere



Industrial Leadership

