

European Interparliamentary
Space Conference (EISC)

Belgium
Brussels 2018



EISC Workshop 2018

ESA's activities and strategies

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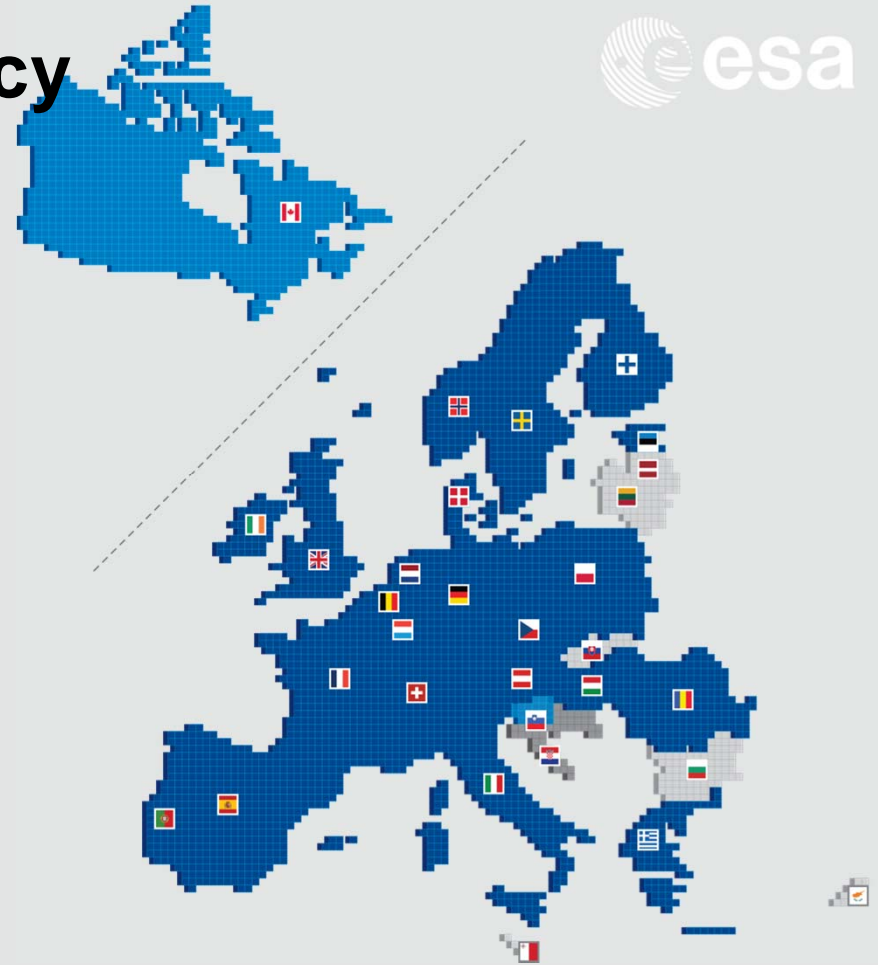


European Space Agency

THE European Space Agency



- Over 50 years of experience
- 22 Member States
- Eight sites/facilities in Europe, about 2300 staff
- 5.75 billion Euro budget (2017)
- Over 80 satellites designed, tested and operated in flight



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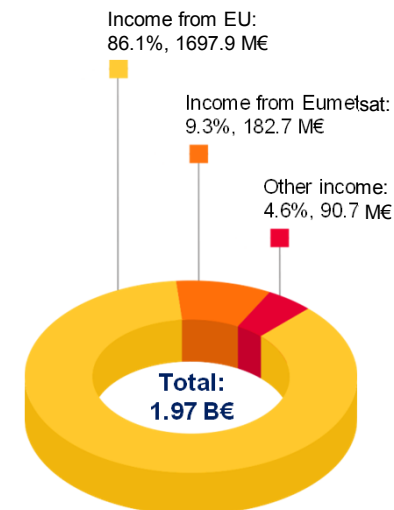
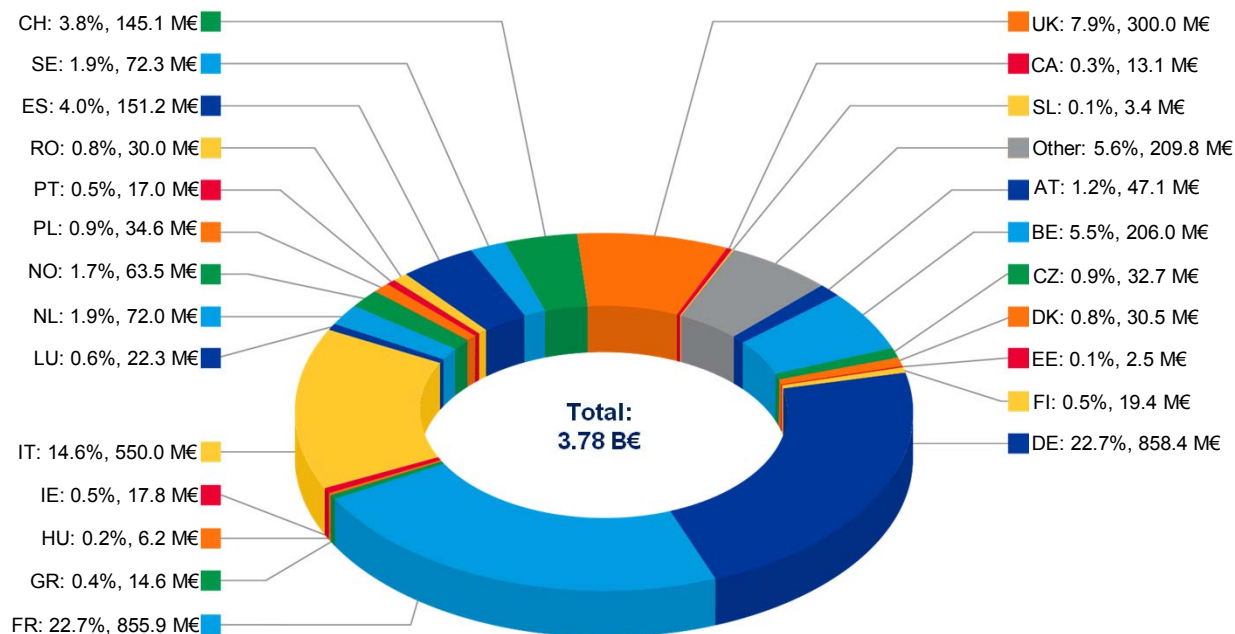


ESA budget for 2017: 5.75 B€



ESA Activities and Programmes

Programmes implemented for other institutional partners

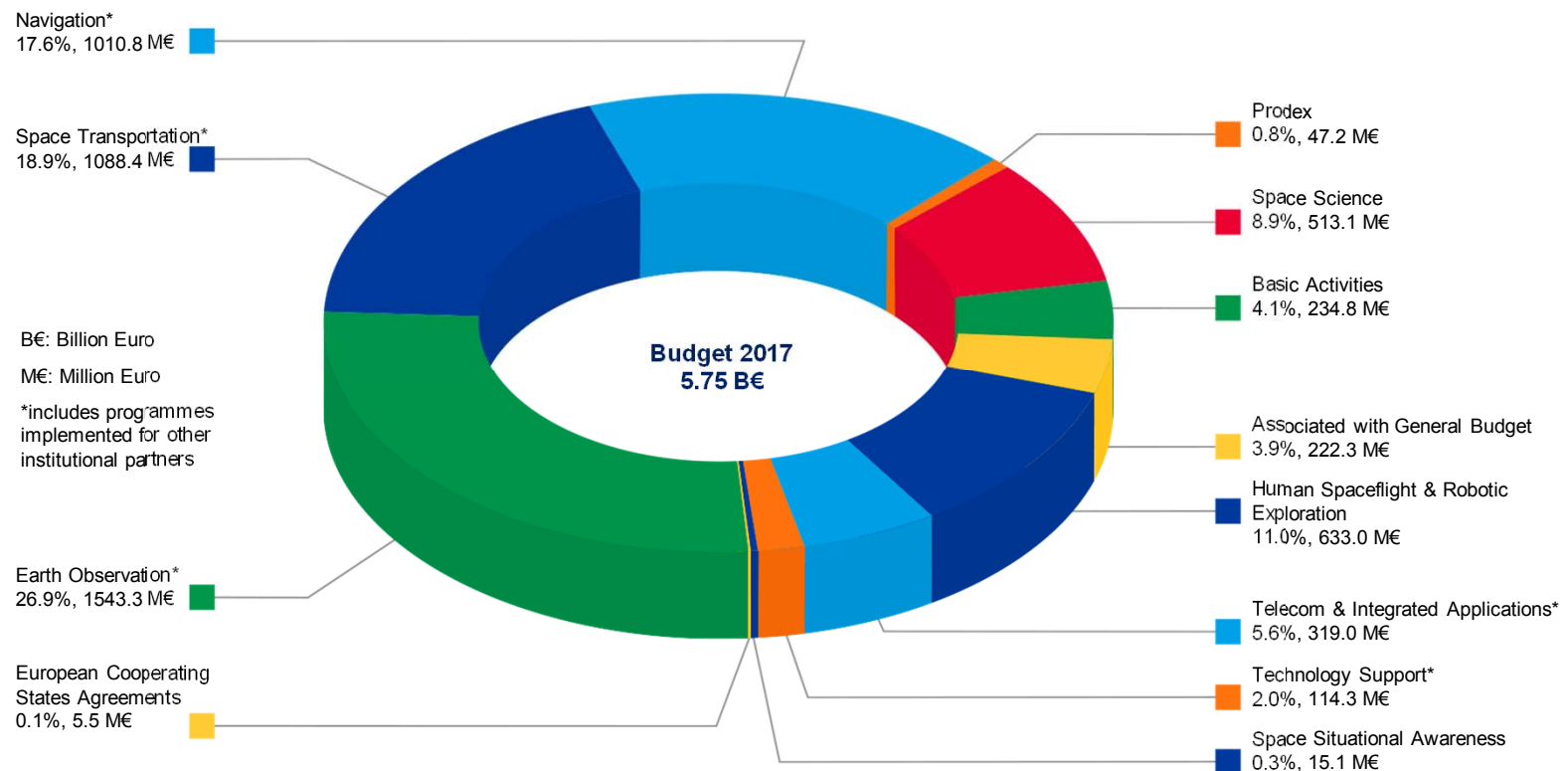


B€: Billion Euro M€: Million Euro
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ESA budget for 2017: by domain



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Space as an enabler

- expanding the frontiers of knowledge
- assisting decision and policy makers in **sectorial policies** (e.g. agriculture, environment, energy, transport, foreign policy, security)
- socioeconomic growth
- inspiring and motivating

➡ 1 Euro invested in space
creates

➡ 6 Euros in economic
return

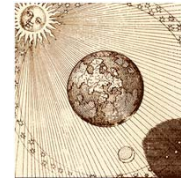
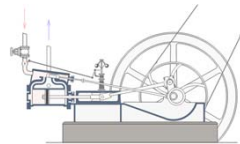


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What is space 4.0?



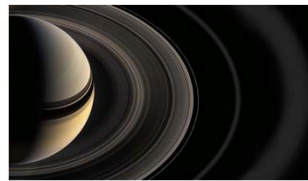
Space 1.0 Astronomy



Space 2.0 Competition



Space 3.0 Cooperation



Space 4.0 Participation



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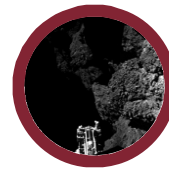
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Activities



ESA is one of the few space agencies
in the world to combine responsibility
in nearly all areas of space activity.

* Space science is a Mandatory programme, all Member States contribute to it according to GNP. All other programmes are Optional, funded 'a la carte' by Participating States.



space
science



human spaceflight



exploration



earth observation



space transportation



navigation



operations



technology



telecommunications

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Space in Europe



Stakeholders

Member States
European
States



- competition in Europe with geo-return
- industrial policy
- driven by Member States

- open competition
- best prices
- driven by EU-parliament?

Lisbon Art. 4.3
„parallel competence“

Space Council



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Lisbon Art. 189

„appropriate relations“

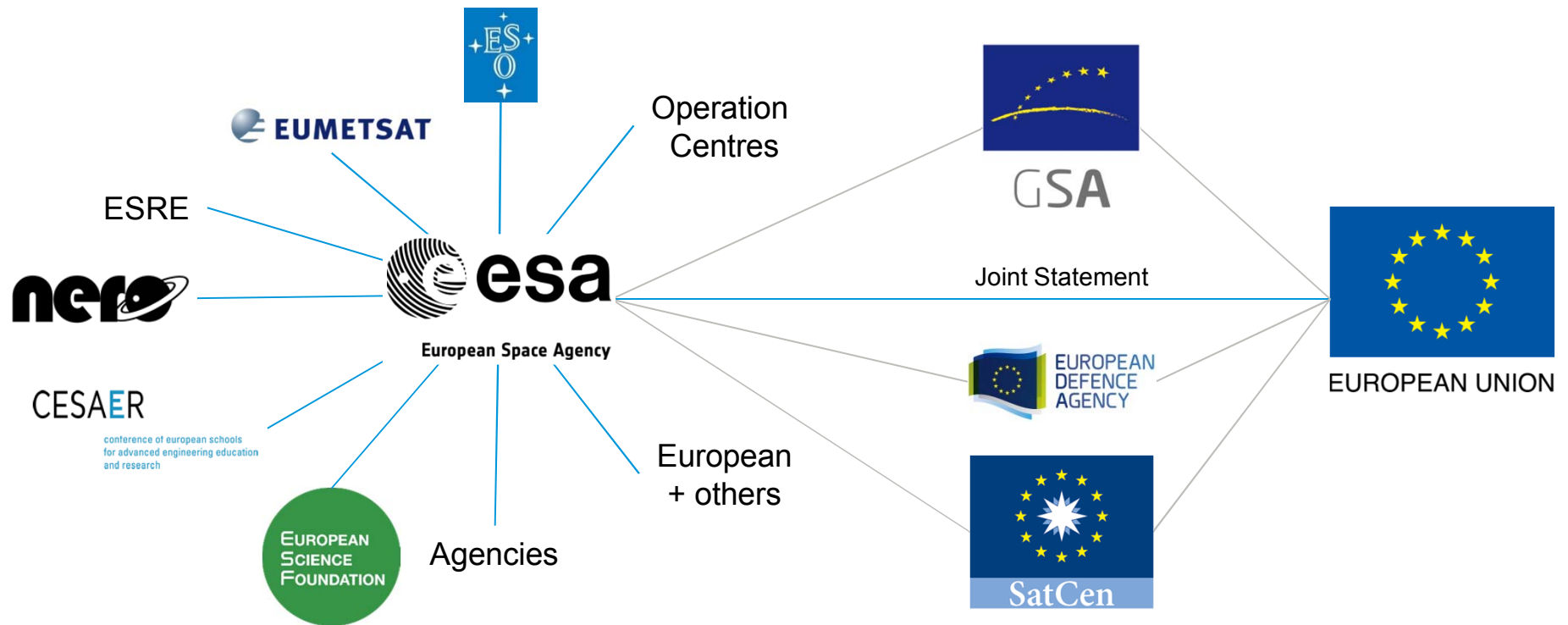


European Commission



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United Space in Europe



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Joint ESA-EU Statement on shared vision and goals for the future of Europe in space



Signed on 26 October 2016 in Brussels
by Elżbieta Bieńkowska for European Commission and ESA DG Jan Woerner

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European identity, spirit and cohesion

**Full integration of
space into European
economy and society**

**A globally competitive
European space sector**

**European autonomy
in accessing and
using space**

Excellence in space science and technology



... and above all preparing for the future

