

THE EUROPEAN SPACE AGENCY

UNITED SPACE IN EUROPE

Space as an Arena for Innovation, Integration and Investment

*United Nations/United Arab Emirates High Level Forum: Space as a Driver for Socio-
Economic Sustainable Development
Dubai, November 2017*

Piero Messina, ESA



ESA facts and figures

- 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



ESA budget for 2017: 5.75 B€ (by domain)



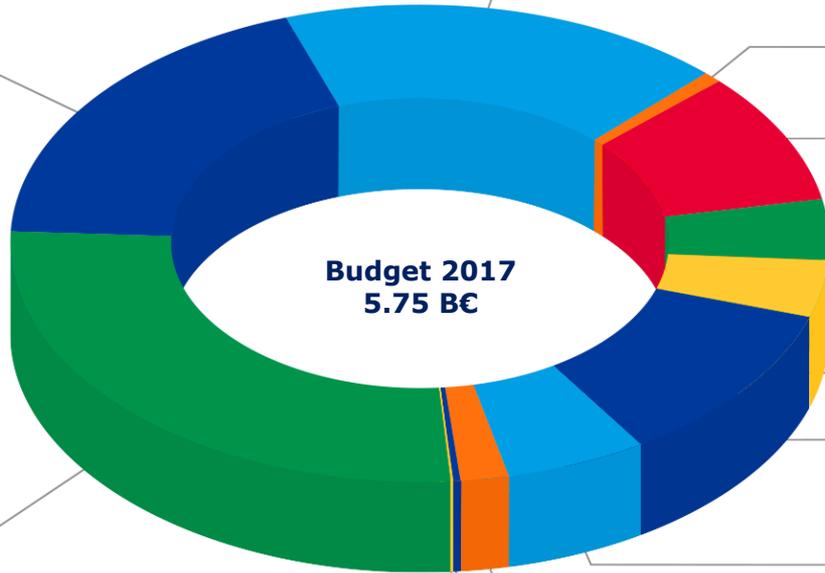
Navigation*
17.6%, 1,010.8 M€

Launchers*
18.9%, 1,088.4 M€

B€: Billion Euro
M€: Million Euro
***includes programmes implemented for other institutional partners**

Earth Observation*
26.9%, 1,543.3 M€

European Cooperating States Agreements
0.1%, 5.5 M€



Prodex
0.8%, 47.2 M€

Space Science
8.9%, 513.1 M€

Basic Activities
4.1%, 234.8 M€

Associated with General Budget
3.9%, 222.3 M€

Human Spaceflight & Robotic Exploration
11.0%, 633.0 M€

Telecom & Integrated Applications*
5.6%, 319.0 M€

Technology Support*
2.0%, 114.3 M€

Space Situational Awareness
0.3%, 15.1 M€



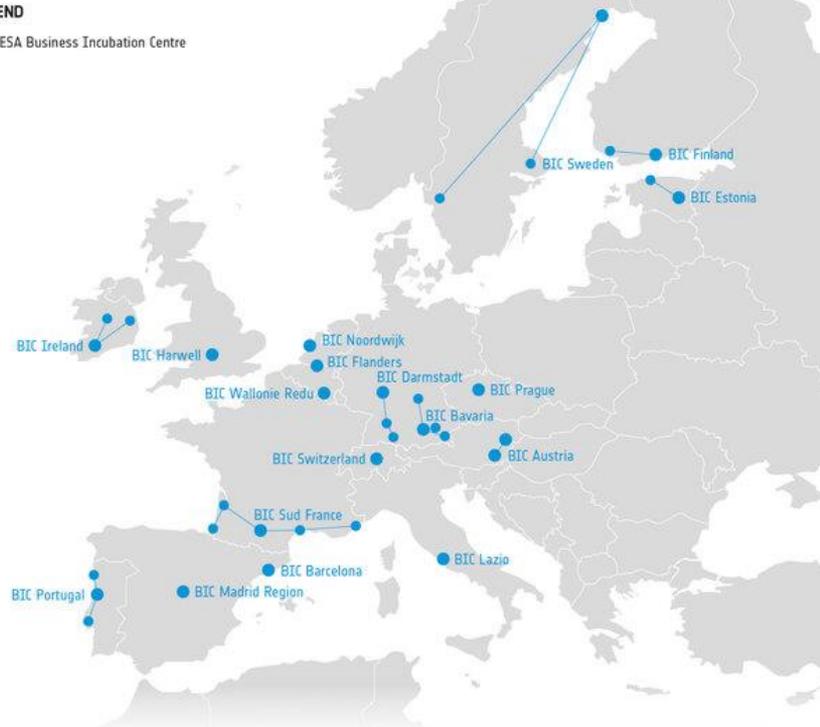
European integration in ESA



→ ESA BUSINESS INCUBATION CENTRES

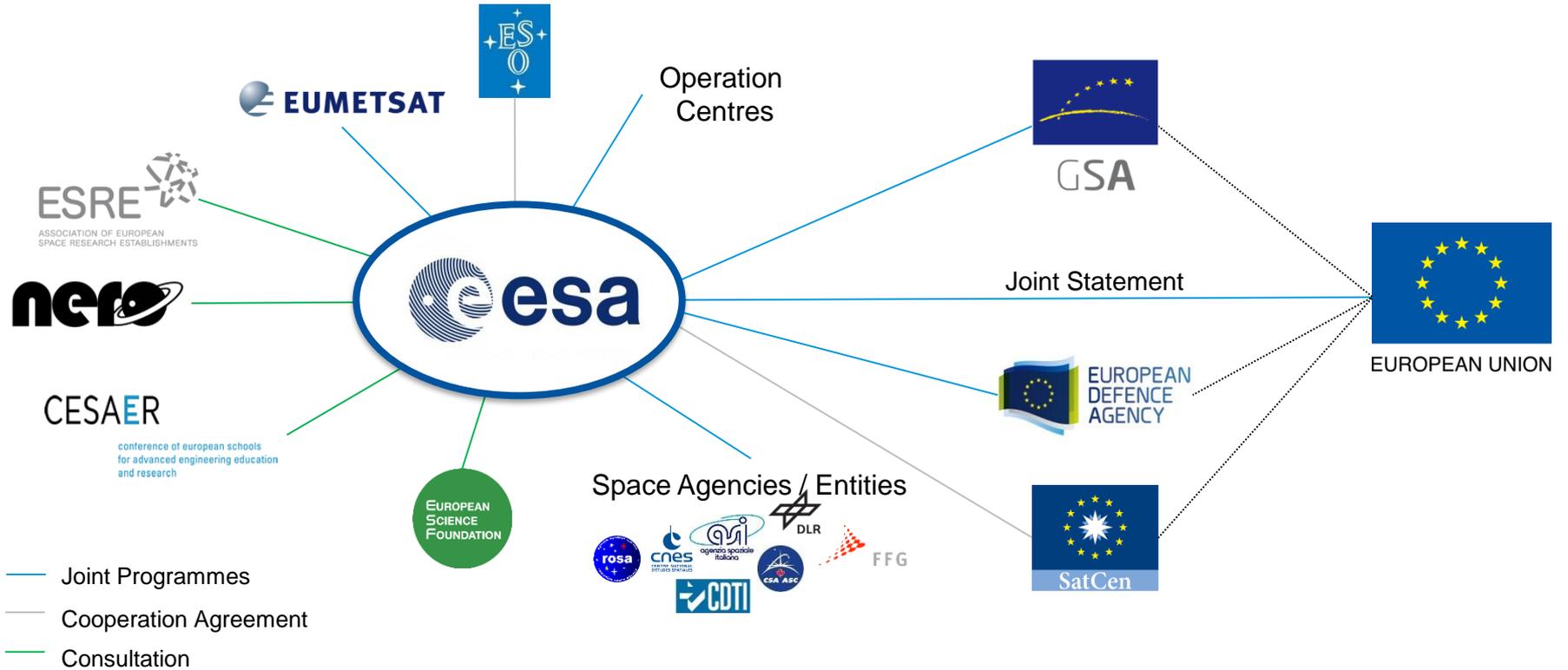
LEGEND

● ESA Business Incubation Centre



The space you need to get your business off the ground

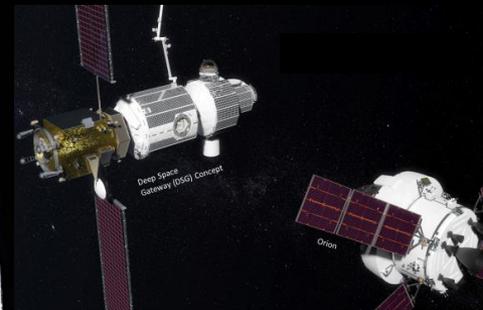
United Space in Europe



sustainable moon surface operations



- Exploration
- Human & robotic
- Logistics
- Public and private
- Moon Science
- Cosmology /astronomy
- Fundamental research
- Transportation
- Resource management
- Communication
- Technology



**Single place but
multiple uses and
multiple users**

Moon Village



