

Highlights on approved ESA Programmes 2015-2024

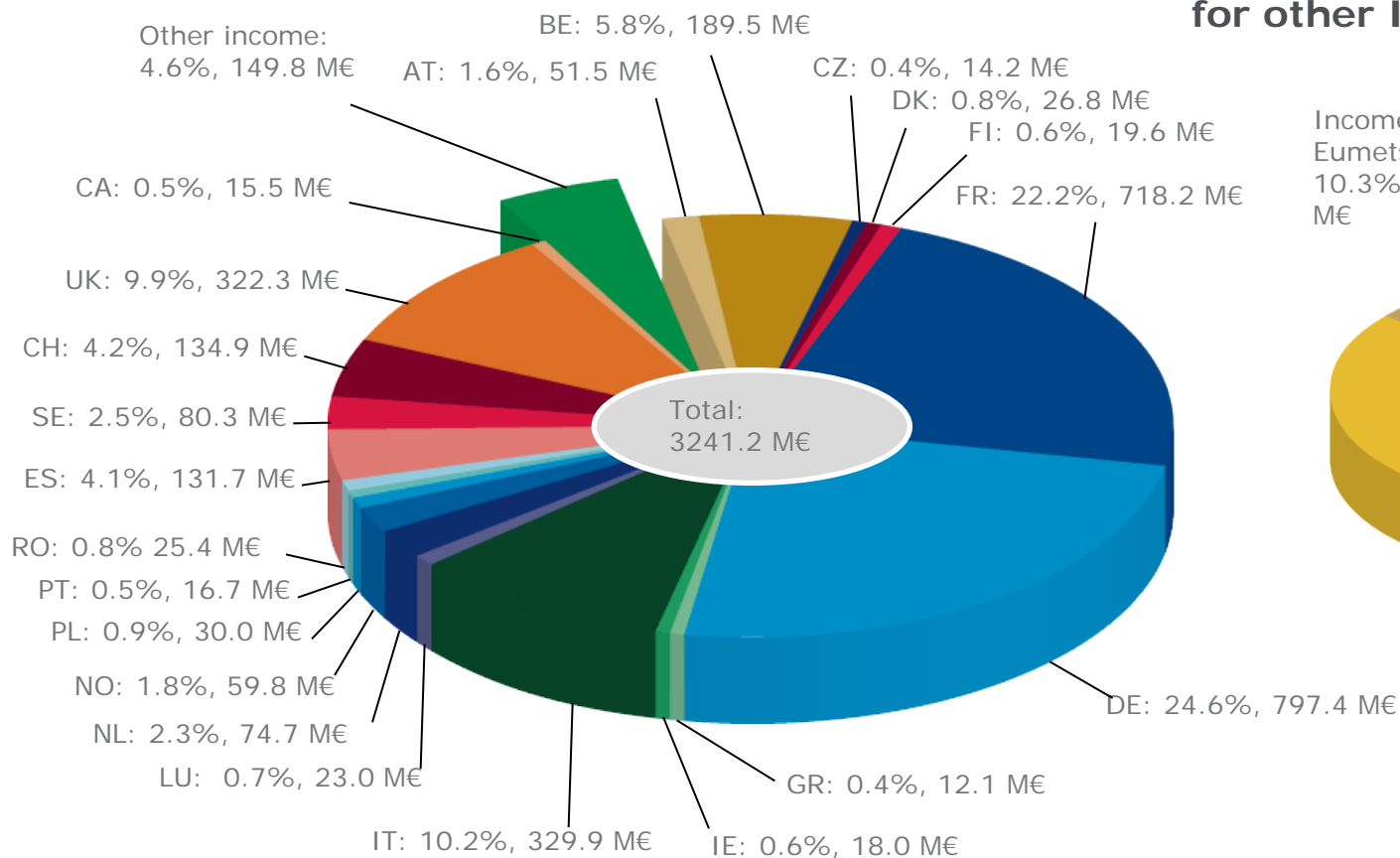
EISC

Madrid, 23 March 2015

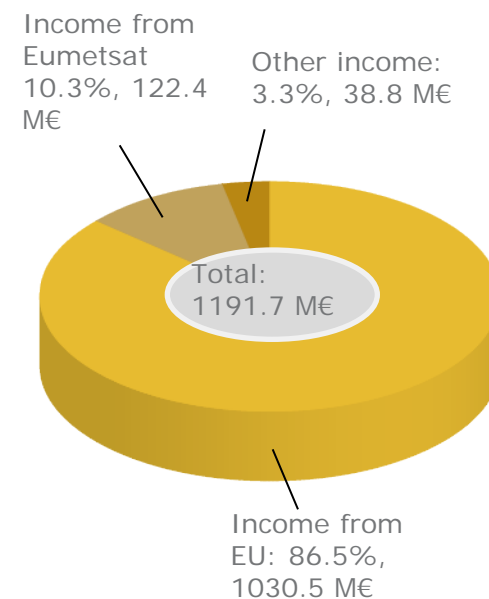
ESA BUDGET FOR 2015



ESA Activities and Programmes



Programmes implemented for other Institutional Partners



TOTAL ESA BUDGET FOR 2015: 4433.0 M€

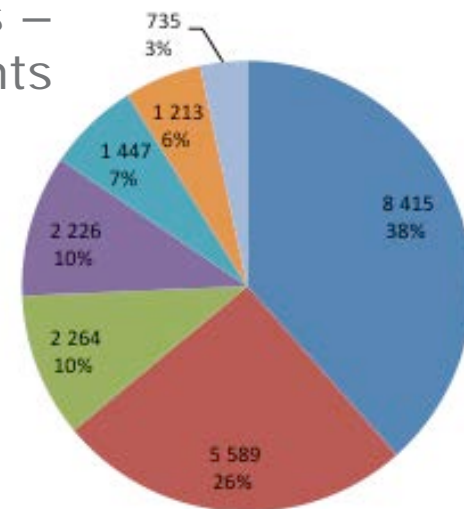
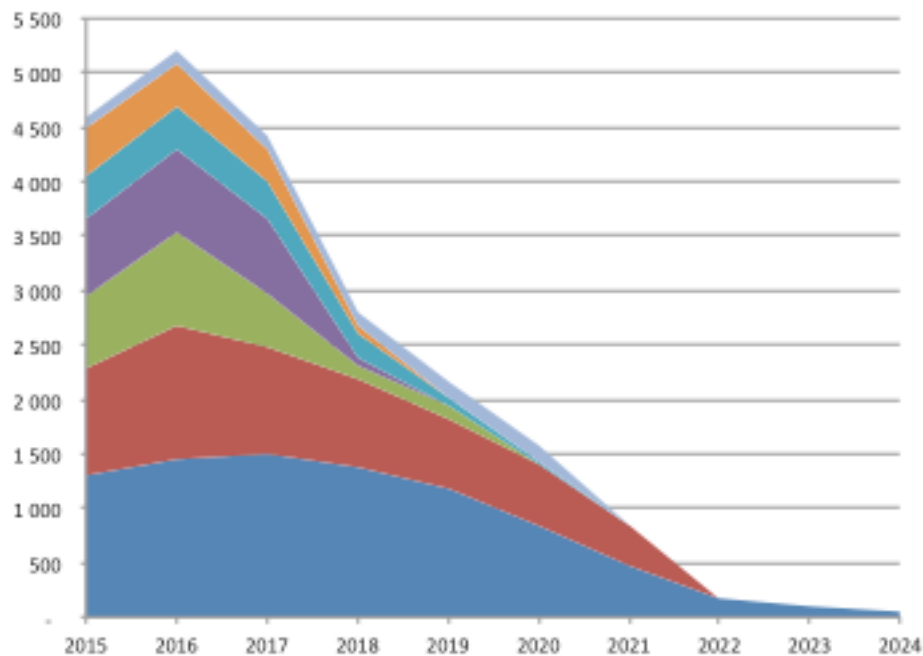


+ SERVING EUROPEAN
COOPERATION AND INNOVATION

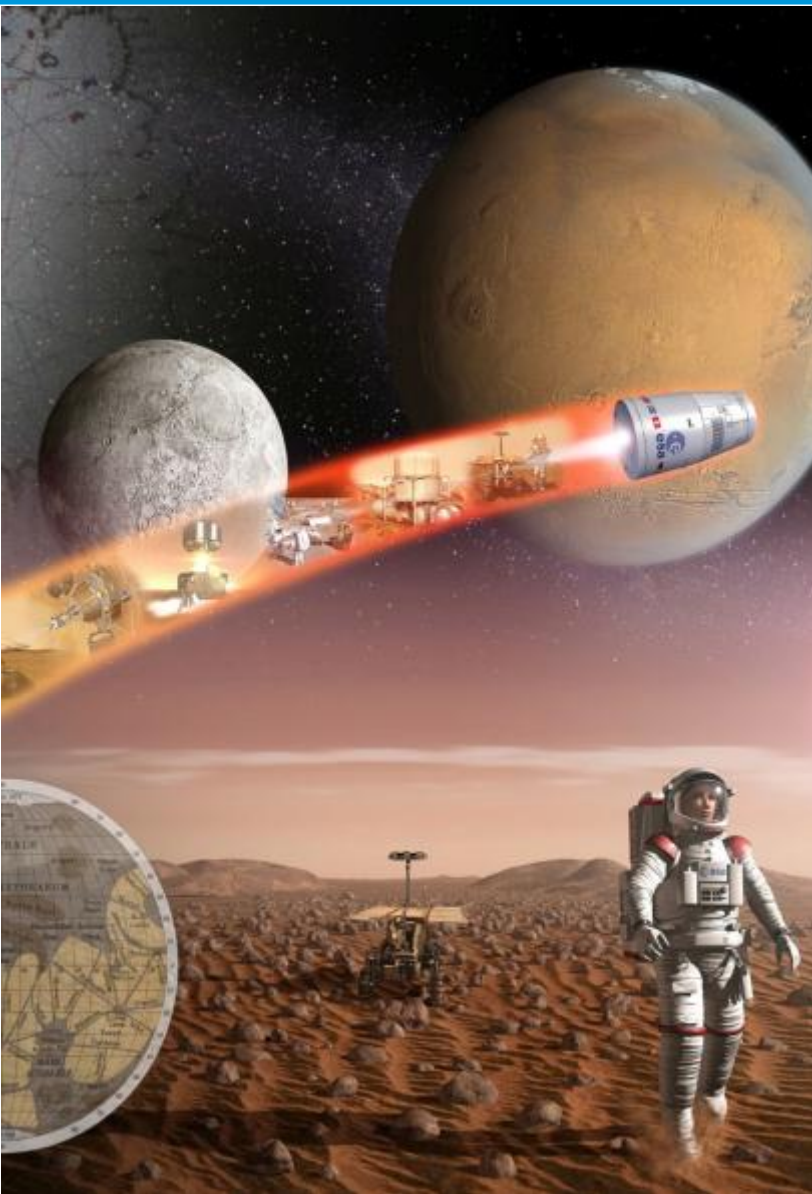
Portfolio of approved programmes per domain 2015-2024

The total portfolio of ESA approved programmes – including those funded by Third Parties – amounts to about 22b€ in the period 2015-2024

Draft LTP 2015-2014
cost plans for approved programmes
- including Third Party programmes -
in M€ @ 2015 e.c.



- Technology (D/TEC)
- Human Spaceflight, Microgravity, Exploration and Security-Related Programmes (D/HSO)
- Telecommunications and Integrated Applications (D/TIA)
- Scientific Programme, Robotic Exploration and Science Support (D/SRE)
- Navigation (D/NAV)
- Launchers (incl. CSG) (D/LAU)
- Earth Observation (D/EOP)



- **Scientific Programme (Cosmic Vision 2025)**
 - Euclid, Bepicolombo, Solar Orbiter, Lisa Pathfinder, Juice
- **Earth Observation Envelope Programme**
 - ADM-Aeolus, EarthCARE, Biomass
- **Human Spaceflight and Human and Robotic Exploration programmes**
 - ISS Exploitation Programme, and Lunar exploration activities
 - Microgravity Programme (ELIPS)
 - ExoMars
 - MREP

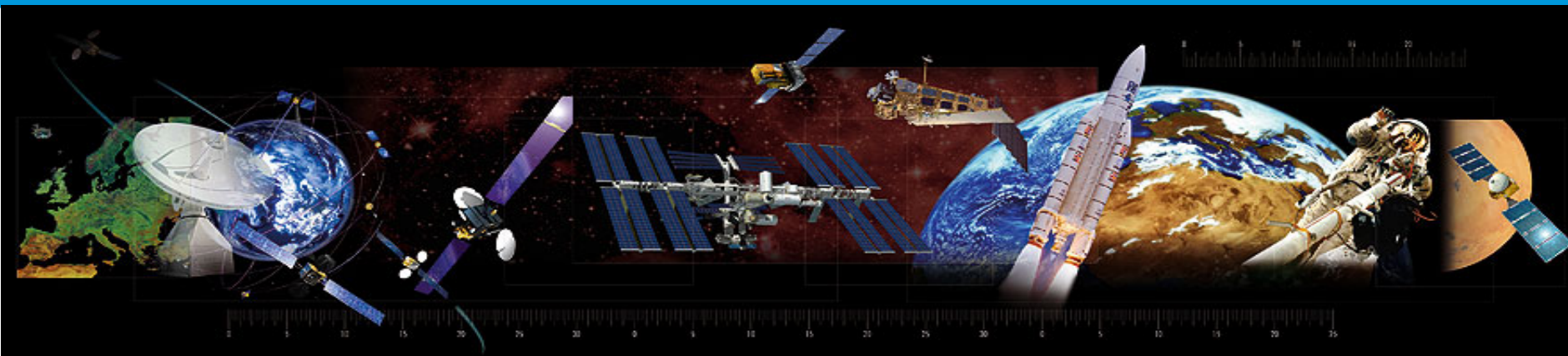
Supporting an innovative and competitive Europe



- **Launcher development and exploitation programmes**
 - Ariane 6 and Vega C (including P120 C)
- **ARTES Programme** (in partnership with industry)
 - Electra, ICE, Eutelsat Quantum, INDIGO
 - Neosat, Atlas
- **Research & Technology Development (RTD) Programmes**
 - TRP
 - GSTP, and
 - RTD programmes specific to each domain



Enabling space-based services



- **Meteorology satellites** (in partnership with **Eumetsat**)
 - MTG and MetOp-SG
- **Copernicus** (in partnership with the **EU**)
 - Sentinels
- **GNSS** (in partnership with the **EU**)
 - EGNOS and Galileo
- **Integrated Applications Promotion** (IAP) & other application programmes
- **SAT-AIS**
- **Iris**
- Several **telecom programmes** are developed in partnership with **operators**
 - **Hylas** with Avanti
 - **Alphasat** with Inmarsat
 - **SmallGEO** with Hispasat
 - **EDRS** with Airbus Defence and Space Services

