



EU SPACE

A MULTI-ORBITAL **SECURE AND RESILIENT** SPACE CONNECTIVITY

The need for a secure and resilient global connectivity increases with the widespread digitisation of the economy and society, and the increasing geopolitical and cybersecurity threats.

A NEW SPACE PILLAR FOR A DIGITAL, RESILIENT AND GREENER EUROPE



EARTH OBSERVATION
[Copernicus]



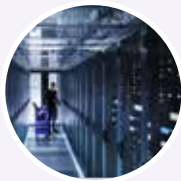
SECURE COMMUNICATIONS



NAVIGATION
[Galileo / EGNOS]

MISSIONS / USE CASES

A RELIABLE, SECURE AND COST EFFECTIVE GOVERNMENTAL COMMUNICATIONS SERVICE



CONNECTING KEY INFRASTRUCTURES

Command and control of smart grids (energy, finance, health, data centres...)

Management of Infrastructures (air, rail, road, traffic management)

Galileo (augmentation), Copernicus (data relay)

Institutional communications (Embassies, EUROPOL, ...)

Telemedicine



CRISIS MANAGEMENT AND EXTERNAL ACTIONS

Civil protection

CFSP- CSDP

Humanitarian aid

Maritime emergencies (search and rescue)



SURVEILLANCE

Border and remote areas surveillance

Remote Piloted Aircraft systems

Maritime surveillance

Arctic region coverage

Complement to military missions



POSSIBLE MASS-MARKET SERVICE'

High-speed internet for all and 5G

Filling coverage gaps

Making Europe the most advanced and connected continent

A MULTI-ORBITAL ARCHITECTURE FOR EU COMPETITIVENESS AND INDUSTRIAL LEADERSHIP

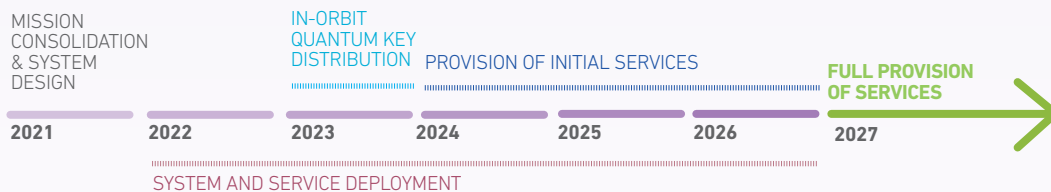
ENSURE EUROPEAN STRATEGIC AUTONOMY, RESILIENCE AND TECHNOLOGICAL SOVEREIGNTY

STRENGTHEN EUROPE'S LEADING ROLE IN THE WORLD

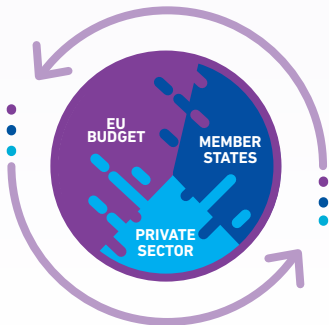
FUEL AN INNOVATIVE AND COMPETITIVE EUROPEAN INDUSTRIAL ECOSYSTEM



IMPLEMENTATION SCHEDULE



INNOVATIVE FINANCING



- **EU budget** from the EU Space Programme and the Digital Europe Programme (Part foreseen for the ground component of EuroQCI).
- **Member States** either through their national **recovery plans** and/or their space national agencies
- **Private sector**, to leverage the mass-market component (**Invest EU** Strategic window, other private funding streams and/or in-kind contributions)

The **blending** of EU funds, Member States funds and private investments could be in the form of a Public-Private Partnership