



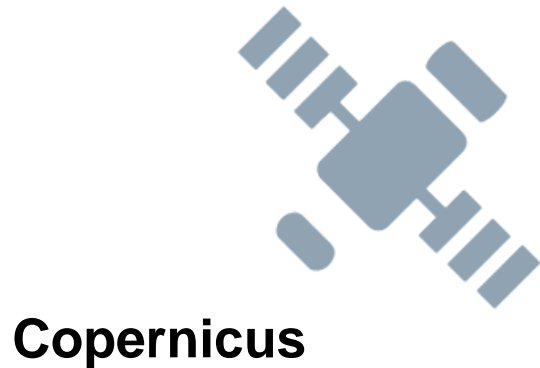
Changing the way we do space

Finnish Space Business

8 March 2024

*Guillaume de La Brosse, Head of Unit DG DEFIS B2 (Innovation
& New Space – Space Defence) – European Commission*

1 – Positioning Europe as space power



Modernising Galileo and Copernicus

- **Galileo** - 2nd generation + Galileo PRS
- **Copernicus** - New Space + governmental services + quantum

Deploying the 3rd EU constellation

- **IRIS²** - Secure Connectivity constellation

Investing in critical technologies

- **Horizon Europe**

2 – Regaining EU sovereignty on launchers

- **Aggregation** of the demand (EU, Member States, ESA)
- Support to **infrastructures**
- Preparation of the **future** (game-changing innovation).
- Supporting greater **competition** (new launcher systems)
- Close cooperation with ESA

3 – Boosting the rising stars

- CASSINI: accelerating the **emergence of New Space** in the EU
 - access to finance: equities (EIF – €1b CASSINI Seed & Growth Funding Facility) and loans (EIB, commercial banks)
 - mentoring and coaching (CASSINI Business Accelerator)
 - test in orbit (flight heritage)
- **Anchor customer** : Copernicus Contributing Missions, Flight Ticket Initiative, SST, IRIS²
- Fostering the development of relevant **skills**
- Close cooperation with ESA



CASSINI status in 2024

THE ROAD TO NEW SPACE

- Clear vision for European space businesses and markets
- New industry setup
- New entrants
- New private investment
- New markets
- New solutions

PROMOTION

CASSINI Hackathons
& Mentoring

Started 2021

INNOVATION COMPETITIONS

CASSINI Prizes
CASSINI Challenges

Started 2022

INVESTMENT

CASSINI Seed and Growth Funding
Facility (InvestEU)
€1 billion capacity or more
9 VC funds signed + 2 co-investments

Started 2022

MATCHMAKING

CASSINI Matchmaking
15 physical events
200+ companies participating

Started 2022

BUSINESS GROWTH

CASSINI Business Accelerator
40 startups so far

Started Q1 2023

IOD/IOV

In-Orbit Demonstration and
Validation

Started 2022

Initial Public Offering

Helios Space Stock Market Index

Started 2023

Capacity building

Networks and knowledge
VC funds and other investors

Started 2022

Dynamic Purchasing System

Anchor customer contracts
9 companies for Copernicus
Contributing Missions

Started 2022

4 - EU Space Law (I)

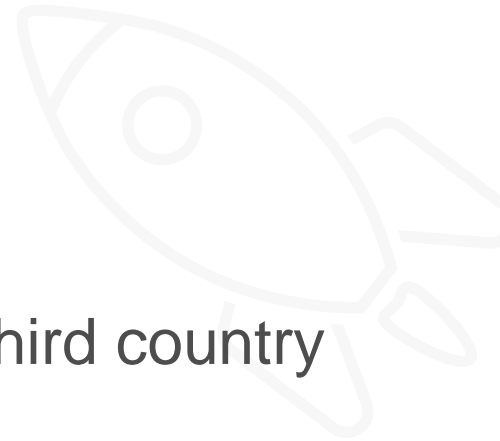
General objective

single market for the space sector

Specific objectives

- Boosting the **competitiveness**
- Enhancing the level of **protection** of our space infrastructures (safety and resilience)
- Calculating the **environmental impact** and facilitating access to sustainable finance

4 - EU Space Law (II)



Competitiveness

Simplification - Private investment – New markets – Access to third country markets .

Proportionality

- **SAFETY:** Light regime to be applied to satellites in VLEO
- **RESILIENCE:** Light regime to be applied to small enterprises and universities
- **SUSTAINABILITY:** Light regime to be applied to small enterprises and universities

Supportive measures

Capacity Building (+ development of guiding and templates)

Access to testing facilities

Technical Assistance

Mentoring and Coaching

R&D support to development of new technological solutions

Exchange of best practices

One-stop-shop/Information Portal

Funding for standardisation activities

5 – Breaking silos between space and defence

EU Space Strategy for Security and Defence

Objectives:

- space as a **strategic domain**
- Enhance **resilience** of space systems
- Unlock the **use** of space for security and defence (dual-use services)
- Promote responsible behaviours

New **services** (Earth Observation, SDA, access to space), **synergies** between programmes (EU space programme, European Defence Fund, Horizon Europe), **collaborative work** between space and defence start-ups

5 – Breaking silos between space and defence

CASSINI in support of Security and Defence



CASSINI Hackathons

On security and defence-related topics



CASSINI Space Academy

Supporting the development of skills for space security and defence



Enhanced collaboration

between space and defence start-ups



R&D cross-fertilization

Space & Defence - EDF & Horizon Europe

Thank you



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