

EU Space Strategy for Security and Defence

NEREUS – 4 April 2023

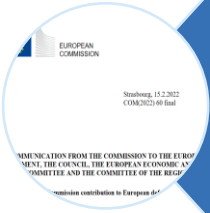
Guillaume de La Brosse, HoU, DEFIS B.2

Context



Informal FAC/D - January 2022

About 20 Defence Ministers agreed on the need to strengthen the EU's **resilience in space and from space**.



Defence Package - February 2022

Strengthening the defence dimension of space at EU level'

*'The Commission [...] will promote a **'dual-use by design'** approach for EU space infrastructures, with a view to offering **new resilient services** that address governmental needs, including in the area of defence.'*



Strategic Compass - March 2022

*'A new EU Space Strategy for security and defence will help us build a **common understanding of space-related risks and threats, develop appropriate responses and capabilities** to react better and faster to crises, strengthen our resilience and make full use of the benefits and opportunities linked to the space domain.'*



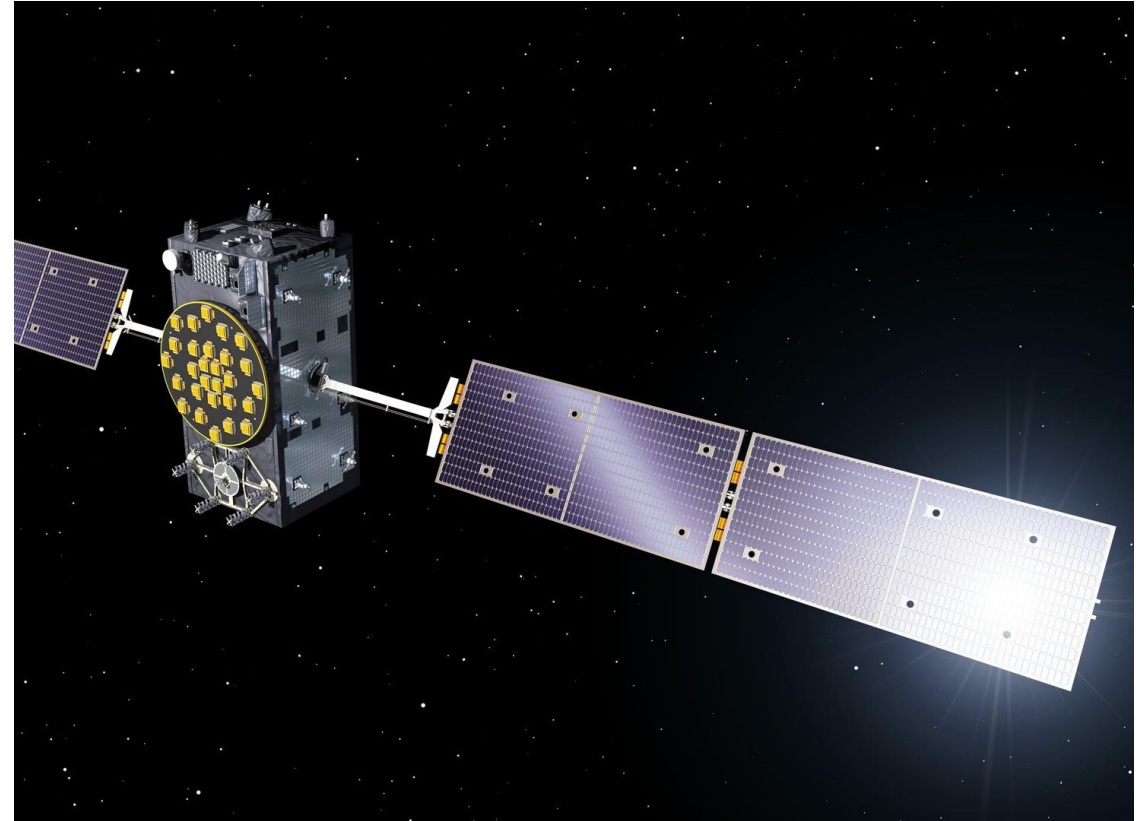
6 workshops at EU27 (2022 – 2023)

Consultation with industry and academia

Key issues

Objectives of the EU SSSD

- Address space as a **strategic domain**
- **Promote responsible behaviours**
- Enhance **EU strategic posture and autonomy** in the space domain
- **Defend EU interests in and from space**
- **Break silos** between space and defence/security



Five pillars of the SSSD



**Space
threat
landscape**



Enhancing the **resilience** and **protection** of space systems and services in the EU



Responding to space threats



Enhancing the **use of space** for security and defence



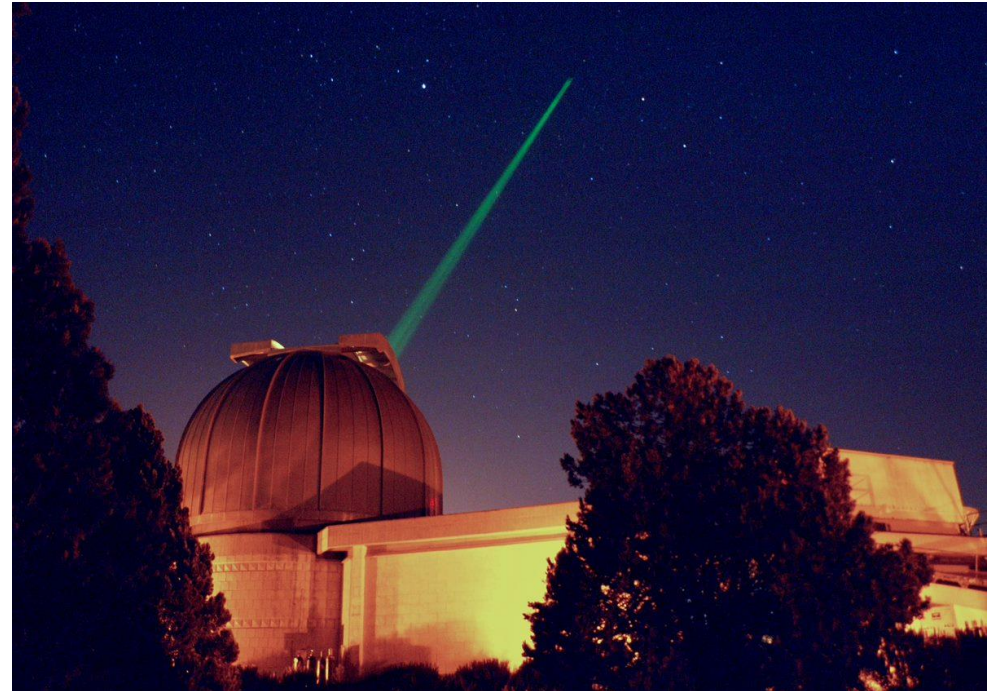
Partnering for responsible behaviours in outer space

Way forward

Implementation of the strategy

The space threat landscape

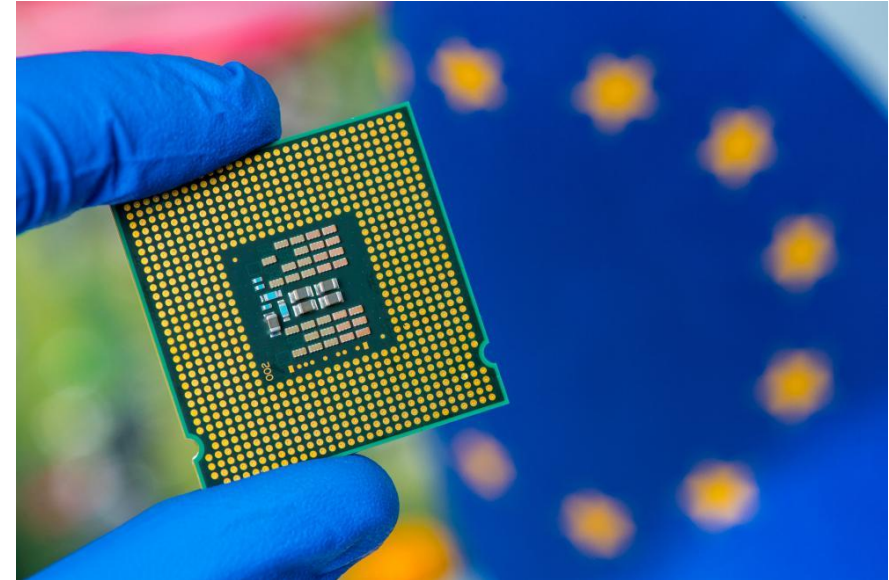
- SIAC together with MS INTEL services to perform **an annual classified space threat Briefing**
 - This will increase strategic understanding of space threats and counterspace
 - Such strategic understanding will support the EU space programmes, as well as benefit information collected by the Commission through the monitoring of the EU space components.



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Enhancing the resilience and protection of space systems and services in the EU

- **EU space law** to define common rules on safety, security, and sustainability in space
- **Information Sharing and Analysis Centre (ISAC)** to share best practices for the resilience of EU space industry capabilities
- Roadmap on **critical technologies**
- Strengthened **security of supply** and resilience of space sector (EU wider policies)
 - Potential industrial alliances
 - Chips Act, Critical Raw Materials Act, FDI screening
- Preparatory actions to ensure long-term **EU autonomous access to space**



Responding to space threats

- Modalities for receiving **Space Domain Awareness (SDA)** services in support of EU response
- **Amending Council Decision (CFSP) 2021/698** to respond to all threats in the space domain that may affect the security of the EU and its Member States
- **Space exercises**, including to explore the use of solidarity mechanisms



Credits: Sky and Space Global

Enhancing the use of space for security and defence

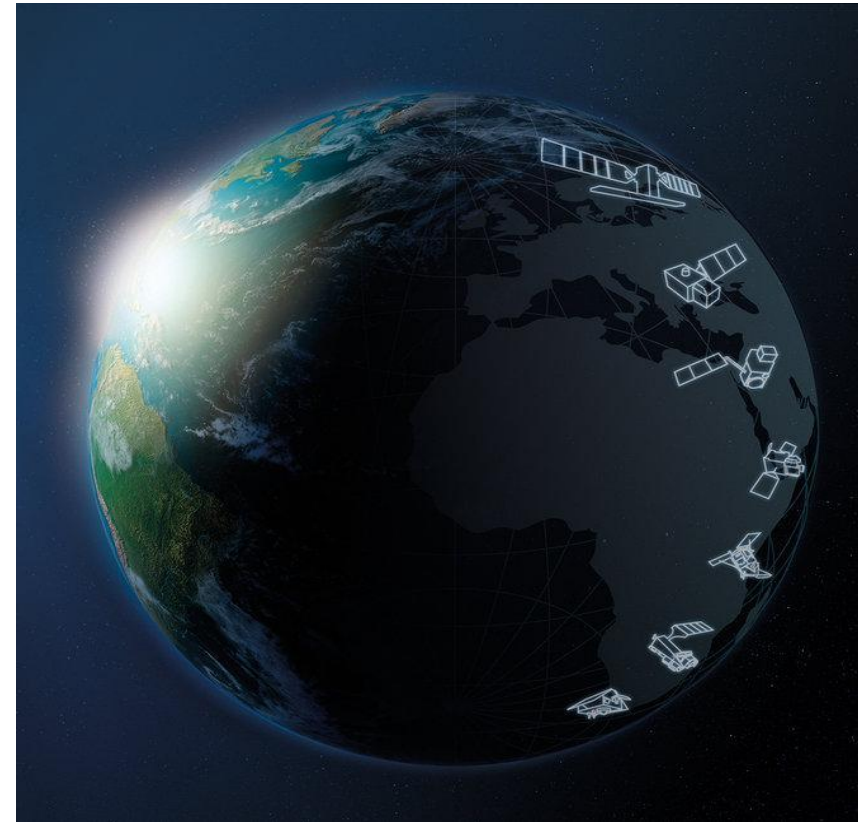
- Take into account **military needs and requirements** for EU space based defence services
 - Including when defining service portfolio for IRIS²
- Launching of **two pilot projects**
 - New **Copernicus governmental service**
 - Initial Space Domain Awareness services, in synergies with SST
- Supporting **innovation** through collaboration between **space, security and defence start-ups**
- Improve **skills** to further develop space services for security and defence



Credits : ESA

Partnering for responsible behaviours in outer space

- Supporting multilateral efforts to reduce space threats, including in the **United Nations**
- Stepping up public diplomacy campaign for Safety, Security and Sustainability in Outer Space
- Deepening cooperation in space security with the **United states** of America
- Developing **space security dialogues** with **third countries**
- Developing cooperation with **NATO** in space security



Credits : ESA

Thank you for your attention!