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COVER NOTE

Subject: EUSPA latest activities and achievements for the EU Space Programme
- Powerpoint presentation (Space WP meeting 18.12.2023)

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#EUSpace 

Linking space to user needs

EUSPA latest activities and achievements for the EU Space Programme

Council Space Working Party

Rodrigo da Costa – Executive Director

18 December 2023



EUSPA's mission



Exploitation

- Galileo and EGNOS services provision and 24/7 operations – including management, operation, maintenance, improvement, evolution & protection of infrastructure
- GOVSATCOM hub and IRIS² preparation
- Space Surveillance and Tracking Front Desk as of July



Security

- Security Accreditation
- Security Monitoring Center operations (GSMC)
- Governmental Service Provision
- Key contributor for the implementation EU Space Strategy for Security and Defence



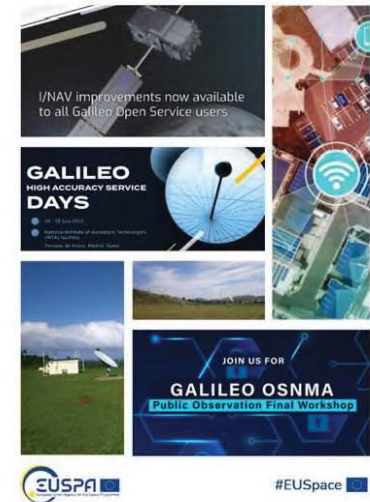
Utilization

- Market development, communications, user uptake, applications, innovation
- Galileo, EGNOS, commercial use of Copernicus, GOVSATCOM - and soon IRIS²

~300 staff | sites in CZ/FR/ES/NL | budget ~€9.5B for current MFF

Galileo Achievements 2023

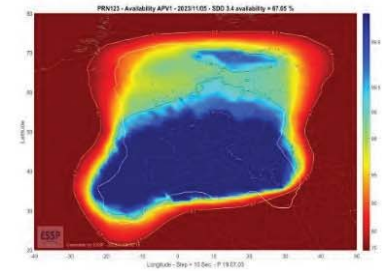
- More than **4 Billion Galileo enabled devices** (2.4 Billions in 2021, and 3.5 Billions in 2022)
- 1st GNSS provider to deliver decimeter level **High Accuracy Service** globally and directly through the space signal in 01/23
- Publication of enhanced commitments of **Open Service SDD**
- **Galileo Open Service upgrade: I/NAV** feature **enables** faster positioning & improve navigation data robustness in challenging environments
- **Authentication service** Initial Operational Capability declared in 08/23, moving on step closer to Initial Service; Provision of test certificates with PKI infrastructure since 08/23
- Important progress on the **Public Regulated Service**, towards the Initial Operational Capability and on the User Segment Tools procured by EUSPA
- Provision of operational data by 4th **Search and Rescue SAR/Galileo MEOLUT** since 03/23
- New **SAR/Galileo Site** in Greenland, new **Galileo Sensor Station** in Wallis, and new **Galileo telemetry and telecommand** station in Kourou



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EGNOS services and 24/7 operations

- First step of EGNOS Security Monitoring at GSMC is now operational
- Implementation of the new upgrade of EGNOS V2 in operations since 4 Nov, significantly improving robustness to solar storms; new station in Finland
- Maritime Safety of Life service declaration with EGNOS expected by Q1 2024
- EUSPA becomes the EGNOS Design and Production Organization as per new Single European Sky IR (EU) 2023/1768-69



GOVSATCOM and IRIS²

- GOVSATCOM Hub Innovation partnership procurement contracts awarded, kick-offs ongoing
- Support to the Commission for the selection of the Hosting Sites for the GOVSATCOM Hub and the IRIS² Control Center
- Contributing to Commission's IRIS² Task Force on daily basis
- Publication of the EUSPA Secure SatCom report



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Secure SATCOM in the EU: A Comprehensive Overview



Secure SATCOM
Market



Secure SATCOM
Supply



Secure SATCOM
User Technology

Nearly **5000 downloads** since publication (November 2023)

EUSPA webinar on 12 December with 100+ participants

GOVSATCOM



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Space Surveillance and Tracking

- **SST Front Desk fully operational since the 1st of July**

- Competences acquired and IT infrastructure built and running with SST applications (e.g. SST Portal) deployed in the operational environment at the GSMC-ES
- Service running nominally, incl. Helpdesk operations. Already 3 SST Taskforce activations for critical or high mediatic events
- Implementing Arrangement with the SST Partnership (15 MS) signed in July. Agency also participates to the 6 SST grants (Space Regulation and 5 Horizon Europe calls)

- **Security monitoring activities**

- Awaiting appointment of the GSMC as the Security Monitoring Structure and the General Security Requirements approval. Preparatory work on-going

- **Services and User uptake**

- User consultation Platform 7/11 with dedicated SST session with satellite operators to discuss user needs/future services e.g. public-basic and commercial-advanced
- Growing user community with the opening of the SST collision avoidance service to non EU users (approx. 100 satellites from non EU countries registered already)



+200
Organisations
+400
Satellites



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Highlights uptake and innovation

- User Consultation Platform (7-8 November) within EU Space Week 2023 – Sevilla
- 8 sessions, 10 market segments

New!

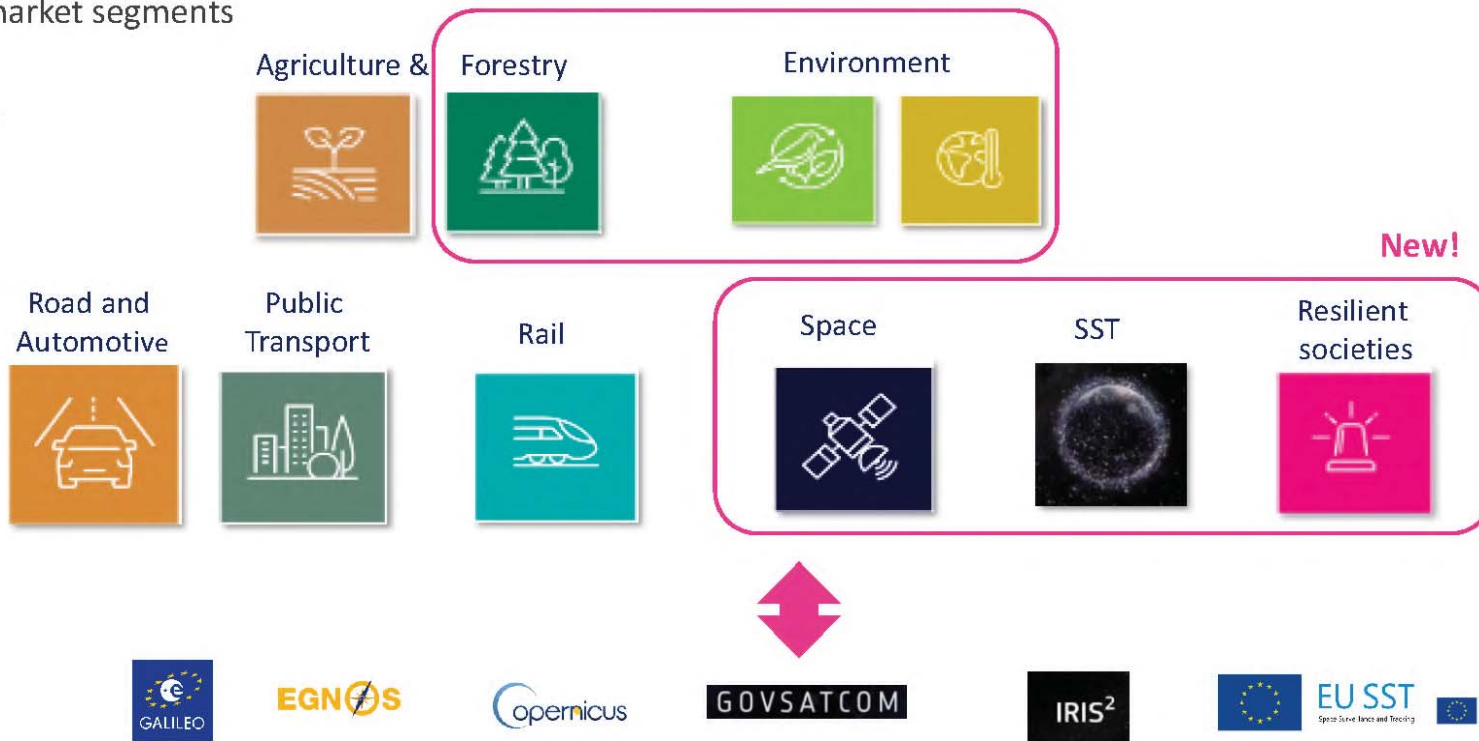
New!

➤ 500 users onsite. + Online participants

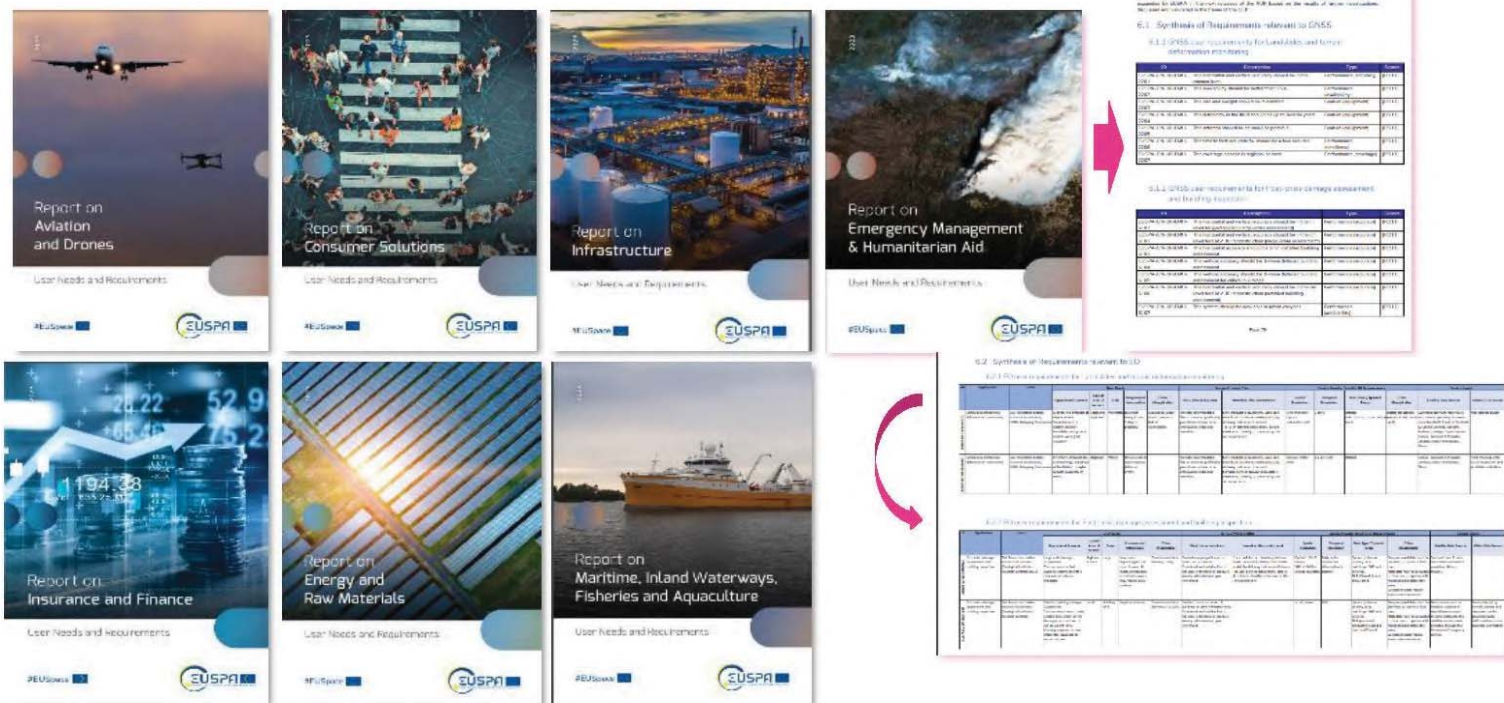
➤ All Space components : including Govsatcom/IRIS2 and SST for the first time

➤ 8 UCP parallel sessions on 7th Nov

➤ 5 New market segments never addressed before: Forestry, Space, SST, Resilient societies, Environment



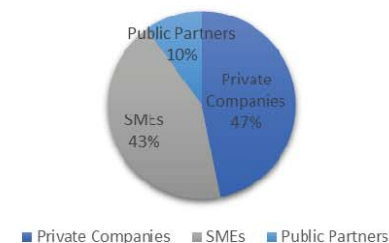
New reports in Q1'24



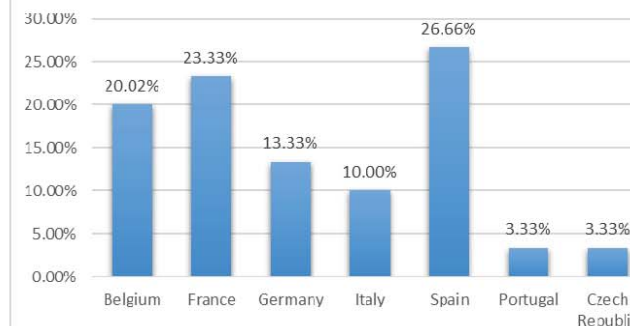
Space Information Sharing and Analysis Centre (ISAC)

- Assessment of applications :
 - Founding Participants: November/December 2023
 - Regular Participants – next calls cut off dates: 29 December 2023, 30 April 2024, 31 October 2024, 30 April 2025, 31 October 2025
- First Board of the EU Space ISAC (Founding Participants): Q1 2024
- Results of Founding participants evaluation : January 2024
 - Applications being evaluated: 28

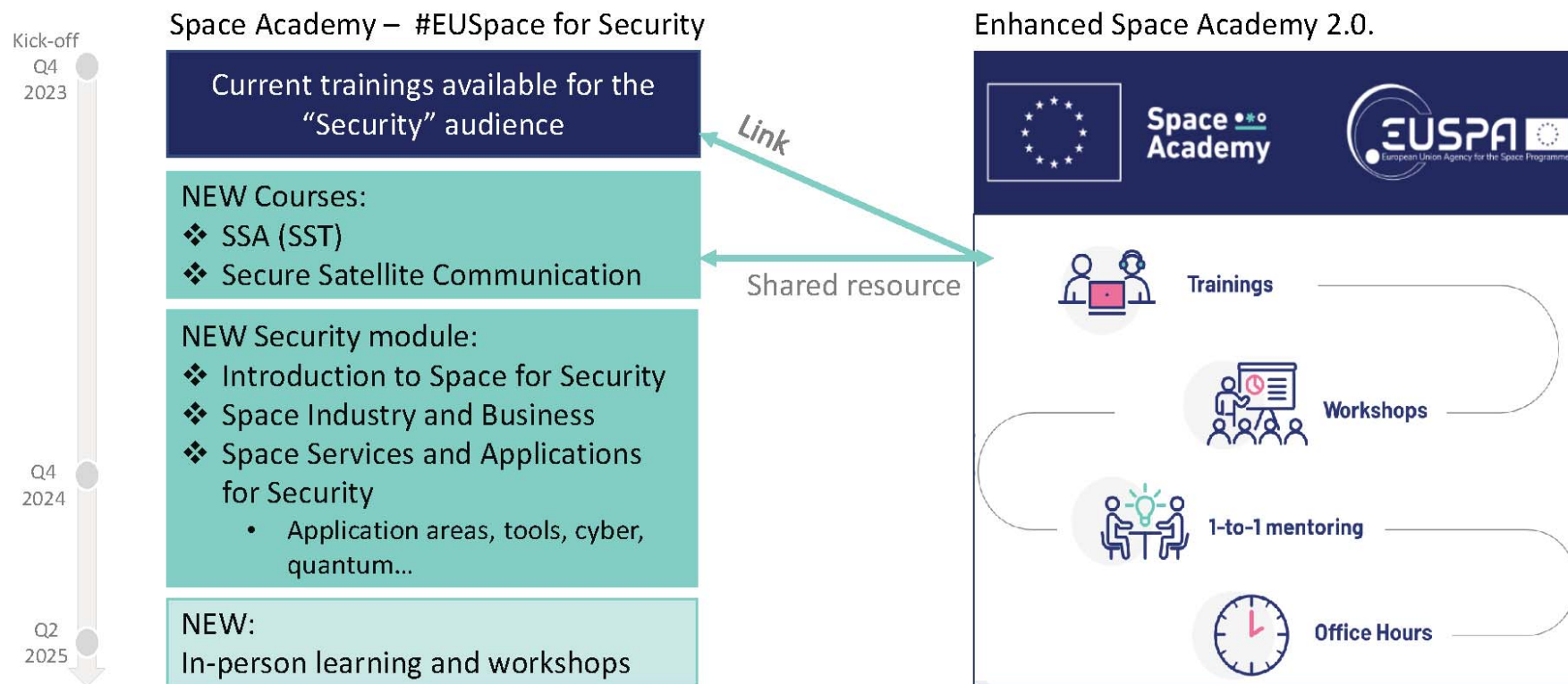
Applications based on type of entity



Applications Nationalities



EU Space Academy - #EUSpace for Security Module





Linking space to user needs

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