



EU SST
Space Surveillance and Tracking

Ensuring space safety
and sustainability

Facts and figures

About EU SST

EU Space Surveillance and Tracking (EU SST) is a key capability that helps to protect space infrastructure and services from in-orbit collisions between space objects and other disruptions. It thereby safeguards European economies, societies and citizens who increasingly rely on space-based services such as navigation or Earth observation, and so contributes to the **resilience of European space assets** and to a higher level of **EU strategic autonomy**.

Integrated in 2021 as a **full-fledged subcomponent of the EU Space Programme**, **EU SST** is **fully operational**, with its own **network of sensors** from EU Member States, a **database** connecting national Operations Centres, and **services** provided to users through the EU SST Front Desk at EUSPA. It is also **security relevant**: its internal data policy protects sensitive information and the security interests of EU SST partners, and gives guidelines on handling SST data.

>60 sensors
contributing to EU SST

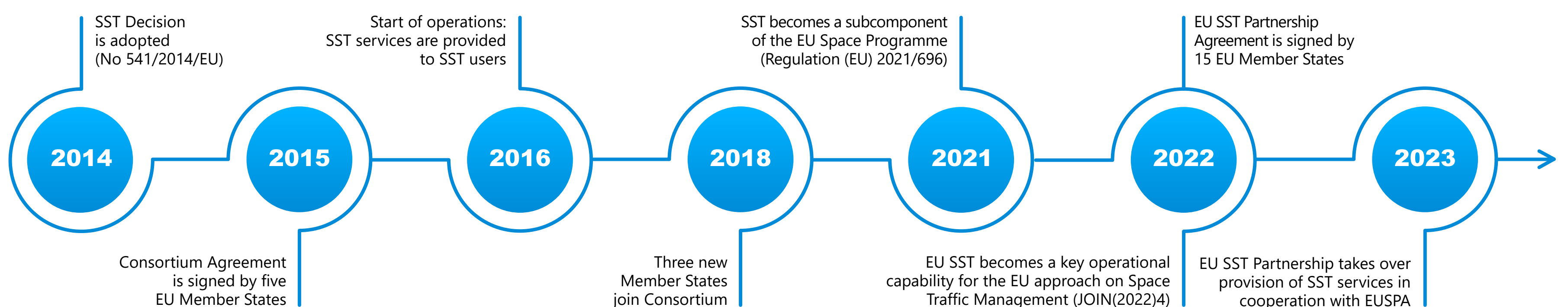
>600k measurements
shared per day on average

>20k objects
observed in the last year

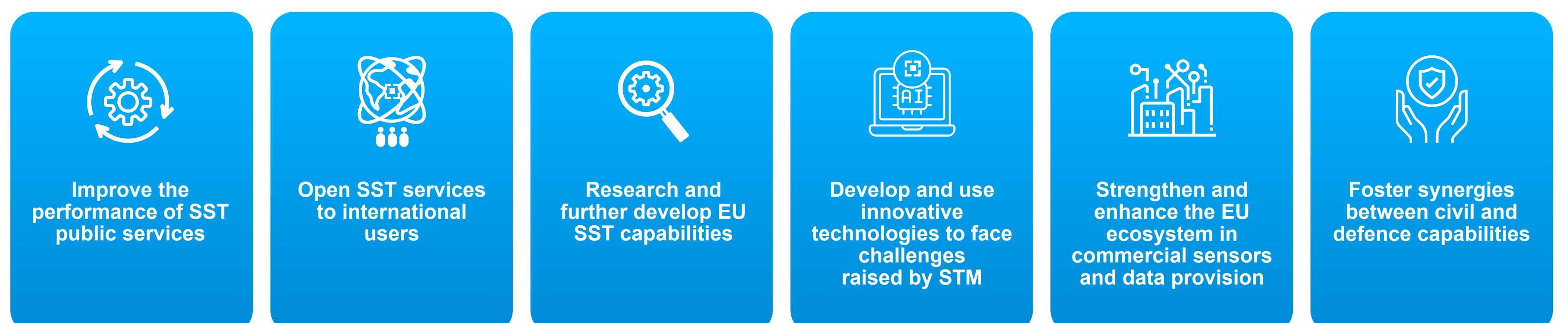
>200 organisations
registered

>500 spacecraft
protected

Milestones

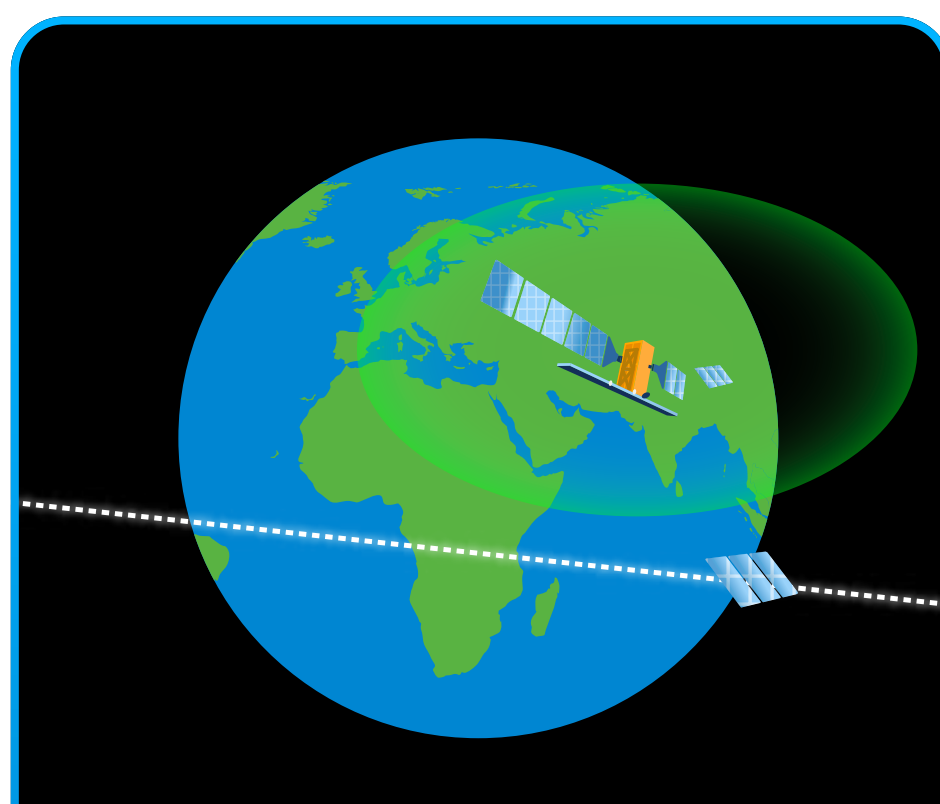


2023-2025 priorities



Service Provision

Collision Avoidance (CA)



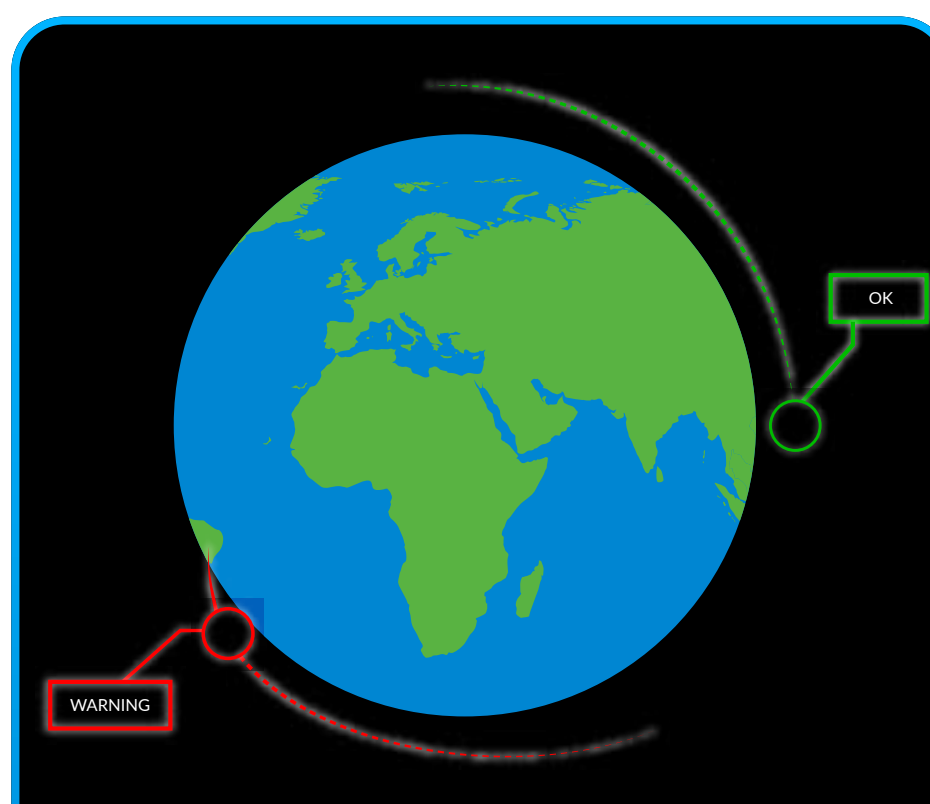
provides risk assessments of potential collisions between space objects and recommendations to spacecraft operators on how to mitigate the risk

87 organisations registered

570 spacecraft protected

4345 high-risk close approaches monitored in the last year

Re-entry Analysis (RE)



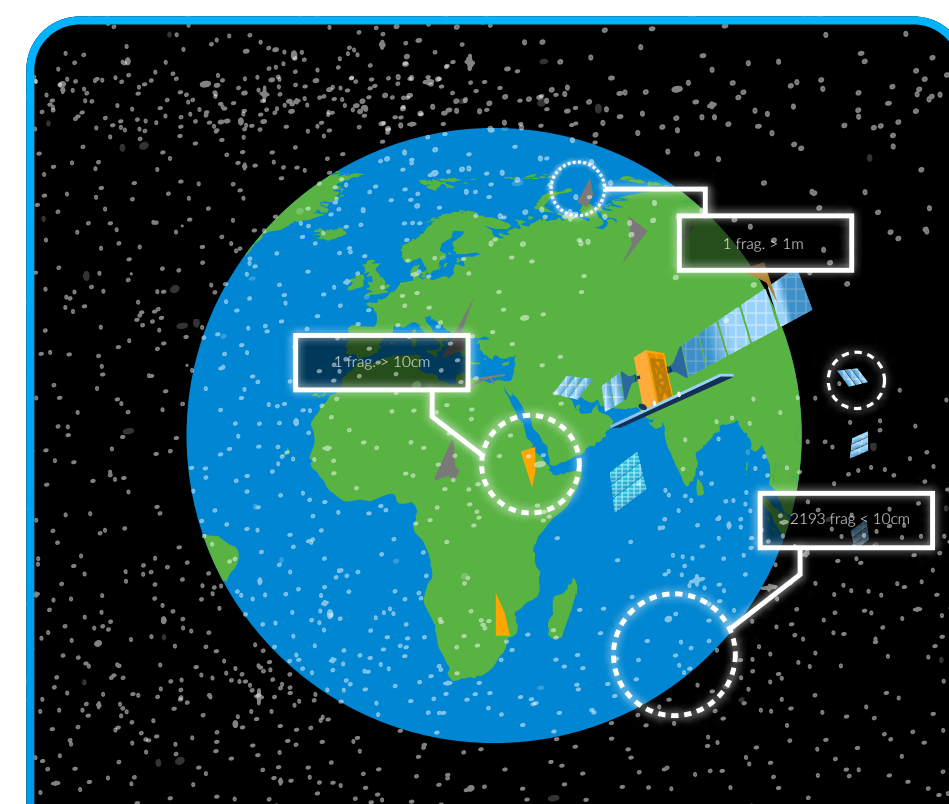
provides risk assessments of uncontrolled re-entries of space objects into the Earth's atmosphere

206 organisations registered

160 re-entries monitored in the last year

1 taskforce activation for critical RE events in the last year

Fragmentation Analysis (FG)



provides detection and characterisation assessments of in-orbit fragmentations, break-ups or collisions

177 organisations registered

6 fragmentation events first reported in the last year

2 taskforce activations for critical FG events in the last year

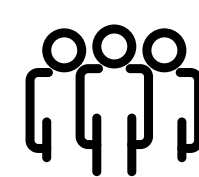
Front Desk

The Front Desk provides the secure interface for delivering the SST services to users (SST Portal) and ensures user support and engagement.



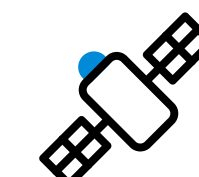
>414k

products delivered through the SST Portal in the last year



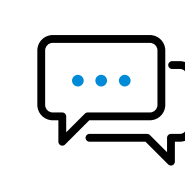
117

more users registered than the previous year



84

more satellites registered than the previous year



1190

user requests handled by the SST Helpdesk in the last year



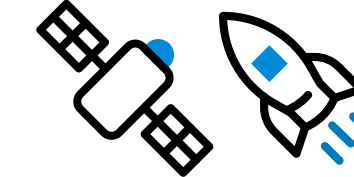
16,304

monthly average website visitors in the last year



>12k

social media followers in total



3

taskforce activations for critical events in the last year



>80

indicators monitored to report on the performance of EU SST

Reporting period: 01/05/2024 - 30/04/2025

Feedback from users

8.5

Global Satisfaction Score

“ The improvements on the Re-entry Analysis service are very welcome. Please keep up the good work! ”

DCA CYPRUS

“ Whenever we have an enquiry, the EU SST Front Desk addresses it quickly. ”

EUMETSAT

