

About STM

In light of an **increasingly congested space**, maintaining space as a resource for future generations becomes increasingly essential. **The EU approach on Space Traffic Management (STM)** proposed by the Commission and the High Representative therefore aims **at keeping space operations safe, space orbits usable, and space accessible** for decades to come while ensuring and further **fostering the competitiveness of the EU industry**.



more than 50 000 additional satellites expected to be launched in the next ten years



1 mln pieces of debris larger than 1 cm estimated to be orbiting the Earth

Joint STM Communication JOIN(2022)4:

“STM encompasses the means and the rules to access, conduct activities in, and return from outer space safely, sustainably and securely”

Safeguarding space operations

Find out more on



#EUSpace



STM
Space Traffic Management

Space Traffic Management



PROGRAMME OF THE
EUROPEAN UNION

STM link to EU SST and EU industry

Monitoring space traffic continuously is essential to carry out STM tasks effectively. **EU Space Surveillance and Tracking (EU SST)**, with its range of sensors and capabilities, is therefore the **operational cornerstone of the EU STM strategy**.

Fostering innovation and enhancing competitiveness of the EU's SST commercial sector are key to achieving a higher level of EU strategic self-reliance and to supporting the rapid growth of new SST services. EU SST therefore supports the **development of European industrial capabilities** with the aim of **enhancing and consolidating EU SST autonomy** in all orbital zones beyond the existing network of national assets.

To this end, the Commission launched together with the EU SST Partnership the **EU Industry and Start-ups Forum on STM (EISF)** where EU stakeholders and industry **jointly define research and development priorities**.



more than **80%** EU SST budget allocated to EU industry

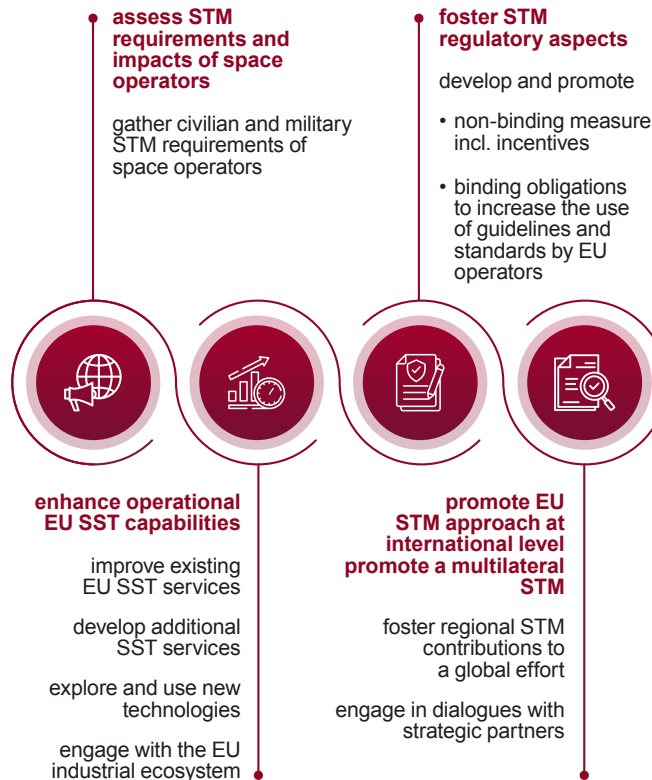


more than **60** EU organisations participating in the EISF

EU approach to Space Traffic Management

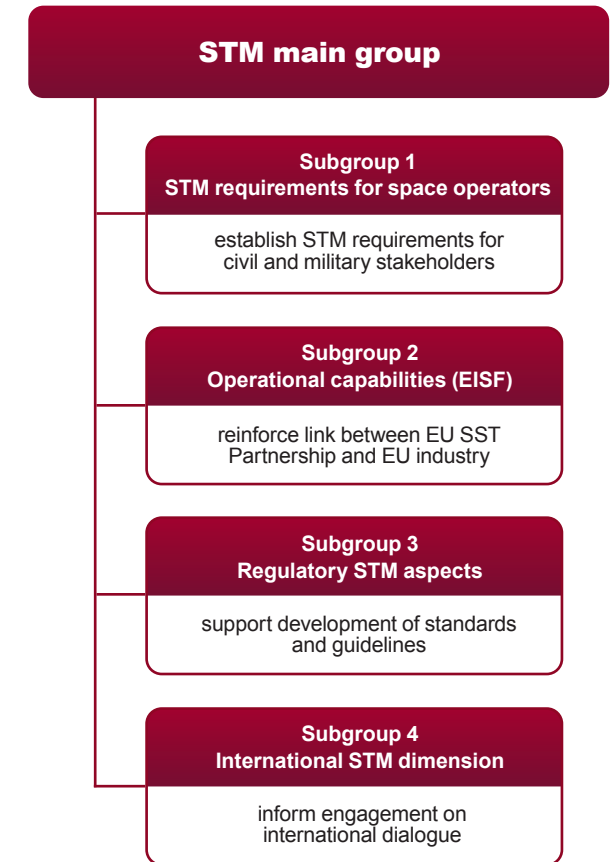
The EU approach to Space Traffic Management proposed by the Commission and the High Representative of the Union for Foreign Affairs and Security Policy (HR/VP) aims at **enhancing capabilities, norms and engagement** while **preserving EU interests** in line with the respective competencies of the Union and its Member States.

It calls for an **EU contribution** to this **global challenge along four key lines of action**:



STM stakeholder mechanism

The EU approach on STM is implemented through the **STM stakeholder mechanism** mirroring the four proposed STM avenues.



Developing a **comprehensive EU STM approach** including all relevant actors is **key to safeguard the interests of the EU and its Member States**.