

STM as an opportunity for the European Union space sector

Olivier Lemaitre, Secretary General

Inaugural Event of the European Union Industry and Start-ups Forum on STM

26/04/2022

1

Towards a proactive EU approach to an expanding and global issue

- The imperative to act towards an EU approach on STM as well as the measures to support such ambition are in line with the European space industry's expectations & Eurospace is fully committed to support the EC to achieve the proposed objectives
- → A unified and comprehensive Europe, able to speak internationally with a single voice on STM, **is key** to support the European space ecosystem and protect its strategic interests and competitiveness

Towards an ambitious, collective and swift EU approach on STM

- The EU should be more ambitious and act quicker
 - Other countries that are moving faster: they will create their own reference architectures and standards, requiring the EU industry to compel and adapt and therefore putting at risk its competitiveness
- Industry therefore very much calls for the swift emergence of an EU approach relying on Industry expertise and capabilities
 - An increased European strategic autonomy requires **the efforts of the EU Member States** to address STM regulation and standardisation **to be strongly coordinated, and complemented, at EU level**

Towards the creation of an internal European market for SSA

- Timely and accurate SSA data is becoming a valuable asset of strategic and economic significance
 - However, there is as of yet no purely commercially-driven market for SSA data
- → need for institutional anchor customers and contracts
- → a new generation of services in support of decision making
- → SSA data accessible to in a sovereign way – and “certified”
 - Applicable legislation needs to be known
- → new capabilities
- “*provide a European platform for commercial use*”: this will also require a budget

Towards operational capabilities to support STM

- EU SST Partnership as a key operational capability.
- Need to better take into account already operational industrial services
- Welcomes EU SST proposals
 - Quick implementation
 - Adequate funding
 - No duplication with existing industrial services
 - Harmonisation with EDF
- Assess the feasibility and relevance of industrial players as operators of the new services announced by EUSST (see GSOp for Galileo)
- Define a Capabilities Development Plan (gap analysis and budget)

Towards an European regulatory framework

- Isolated initiatives → competitiveness imbalances between countries and their respective space sector
- ISO ← current inability of Europe to speak a common voice
- 2023 may be too late to preserve European interests
- The dedicated forum proposed by the COM could allow for close cooperation and exchange with the ECSS mirror working group on STCM, and contribute to it

Implementation

- Industry recommends assessing the pros and cons of:
 - Progressively ensuring that European institutional actors stop buying infrastructures (as well as services based on infrastructures) not respecting the European STM-related norms and standards;
 - Developing a label granting bonus points in the evaluation of public tenders for
 - developing infrastructures respecting European norms and standards
 - delivering services based on assets respecting those norms and standards.

Thank you for your attention

More at: <https://euospace.org/reaction-of-euospace-about-the-joint-communication-an-eu-approach-for-stm/>