STM as an opportunity for the European Union space sector

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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 \(\rightarrow\) competitiveness imbalances between countries and their respective space sector
• ISO \(\leftarrow\) 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://eurospace.org/reaction-of-eurospace-about-the-joint-communication-an-eu-approach-for-stm/