BOOST! your business with space solutions

Space Solutions Supporting SDGs
Sixty-seventh session of COPUOS

Sophie Hoffmann
Department for Space Affairs
AT Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology

Vienna, 27 July 2024
Austrian Space Strategy 2030+

- Sustainable development on Earth and in Space
- Competitive Space Sector
- Scientific Excellence
- Space for all Areas of Life
- Talents and Diversity
- Public Dialogue

A copy of the strategy can be downloaded here.
Copernicus and Galileo: uptake needs a boost

Special Report 07/2021: EU space programmes Galileo and Copernicus: services launched, but the uptake needs a further boost

The global navigation satellite system Galileo and the Copernicus Earth observation programme are flagships of the EU space policy. They provide valuable services that enable more accurate navigation and timing and deliver valuable data about the Earth.

There is, however, no comprehensive strategy promoting the uptake of these services and no conceptual statistical framework to reliably assess the benefits of the programmes.

We found shortcomings in the monitoring of uptake and noted that some key features of Galileo are not yet available. The objectives and the impact of several key actions supporting the uptake of these services provided by Galileo and Copernicus were not clear, and the Commission has only partly taken advantage of the potential to promote these services in EU legislation or standards.

We make recommendations to remedy these issues.

Special report 07/2021 European Court of Auditors: EU space programmes Galileo and Copernicus: services launched, but the uptake needs a further boost
Profile & Questionnaire for solution providers
Easy to understand
Added-value of EO solutions clearly described
Contact details of project coordinator
Easily filterable: user type, sector category
Quality assurance – funded projects only; „quality seal“

https://boost.austria-in-space.at/
EARSC EO taxonomy to name and classify EO services

“(…) need for a common language to help services providers and users arrive at a mutual understanding of the types of services that can be offered and the benefits that can be delivered.”
Forms of knowledge in the user journey

- Know what: knowing facts
- Know Why: procedural knowledge, basis of technological development
- Know-how: ability to do something
- Know who: information about who knows something

Satellite data makes a significant contribution to the optimal use of water resources in the management of all Verbund hydropower plants."
- Klaus Hebenstreit, Director VERBUND - main distributor
Satellites support the implementation of the European Common Agricultural Policy (CAP)

Funded by AT contributions to the ESA incubed programme
user: Agrarmarkt Austria

© https://agri-ogd-at-public.demo.hub.eox.at/
ESA Green Transition Information Factory

Spatial energy planning for wind and solar power

The ESA Green Transition Information Factory (GTIF) allows users to interactively discover the underlying opportunities and complexities of transitioning to carbon neutrality by 2050 using the power of Earth Observation, cloud-computing and cutting edge analytics.

The cloud-based integrated GTIF environment enables:

- Decision-makers to assess and monitor the effectiveness of policies, and evaluate political objectives and outcomes using GTIF-provided data, indicators and interactive exploration tools.
Climate action: transforming space-based technology projects into sustainable services that support policy-making

Register until 10 July for Online participation
Austrian Federal Ministry for Climate Action/Austria in Space
Directorate-General III – Innovation & Technology
Department 6 – Outer Space Affairs and Aviation Technologies
Radetzkystraße 2, 1030 Vienna, Austria
www.austria-in-space.at

Sophie Hoffmann
sophie.hoffmann@bmk.gv.at
Linkedin

Christian Fuchs
christian.fuchs@bmk.gv.at
Linkedin