

BOOST! your business with space solutions

Space Solutions Supporting SDGs

Sixty-seventh session of COPUOS

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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 European Court of Auditors: EU space programmes Galileo and Copernicus: services launched, but the uptake needs a further boost

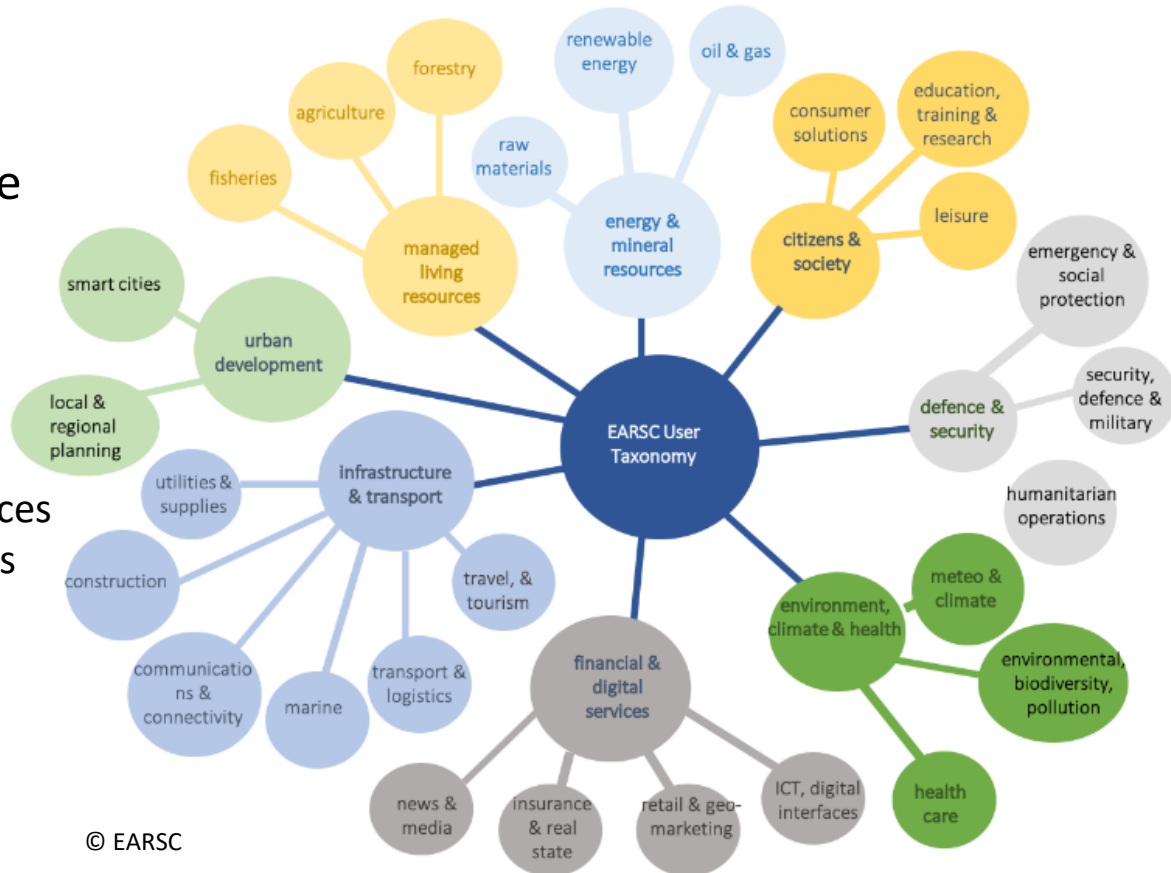


- Profile & Questionnaire for solution providers
- Easy to understand
- Added-value of EO solutions clearly described
- Contact details of project coordinator
- Easily filterable: user type, sector category
- Quality assurance – funded projects only; „quality seal“



EARSC EO taxonomy to name and classify EO services

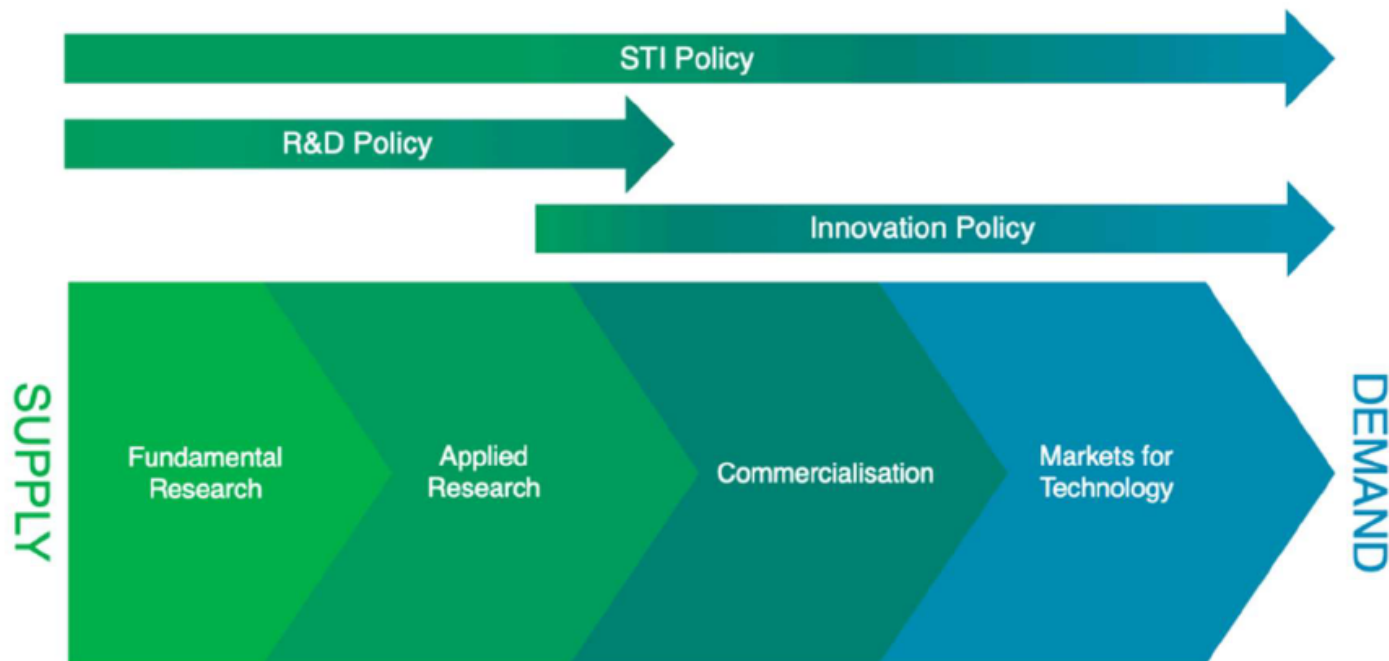
“(...) need for a common language to help services providers and users arrive at a mutual understanding of the types of services that can be offered and the benefits that can be delivered.”



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

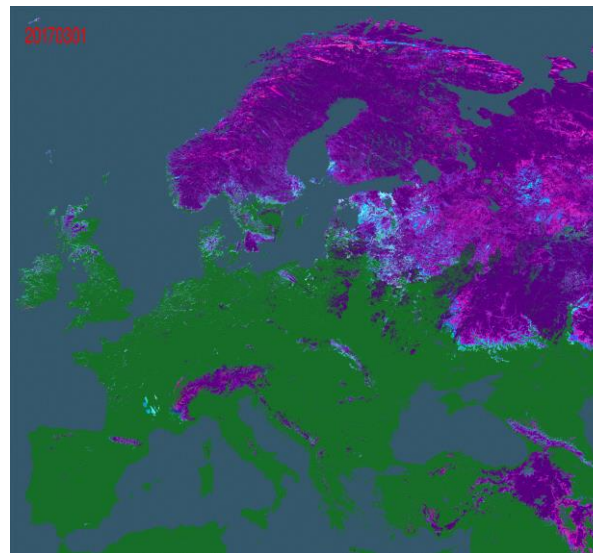
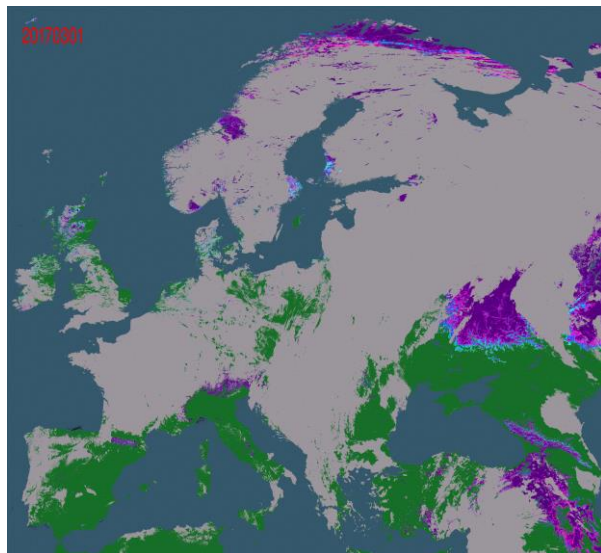




Source: Bevan, L. D. (2019). Research & Development Policy: An Overview of Key Thinking and Frameworks. London, UK: UCL Department of Science, Technology, Engineering & Public Policy (STeEP).

Martin, B. R. (2016) 'R & D policy instruments – a critical review of what we do and don't know', Industry and Innovation. Routledge, 2716, pp. 1–20. doi: 10.1080/13662716.2016.1146125.

Ice and snow cover models – Space4hydropower



© Enveo

Verbund

„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

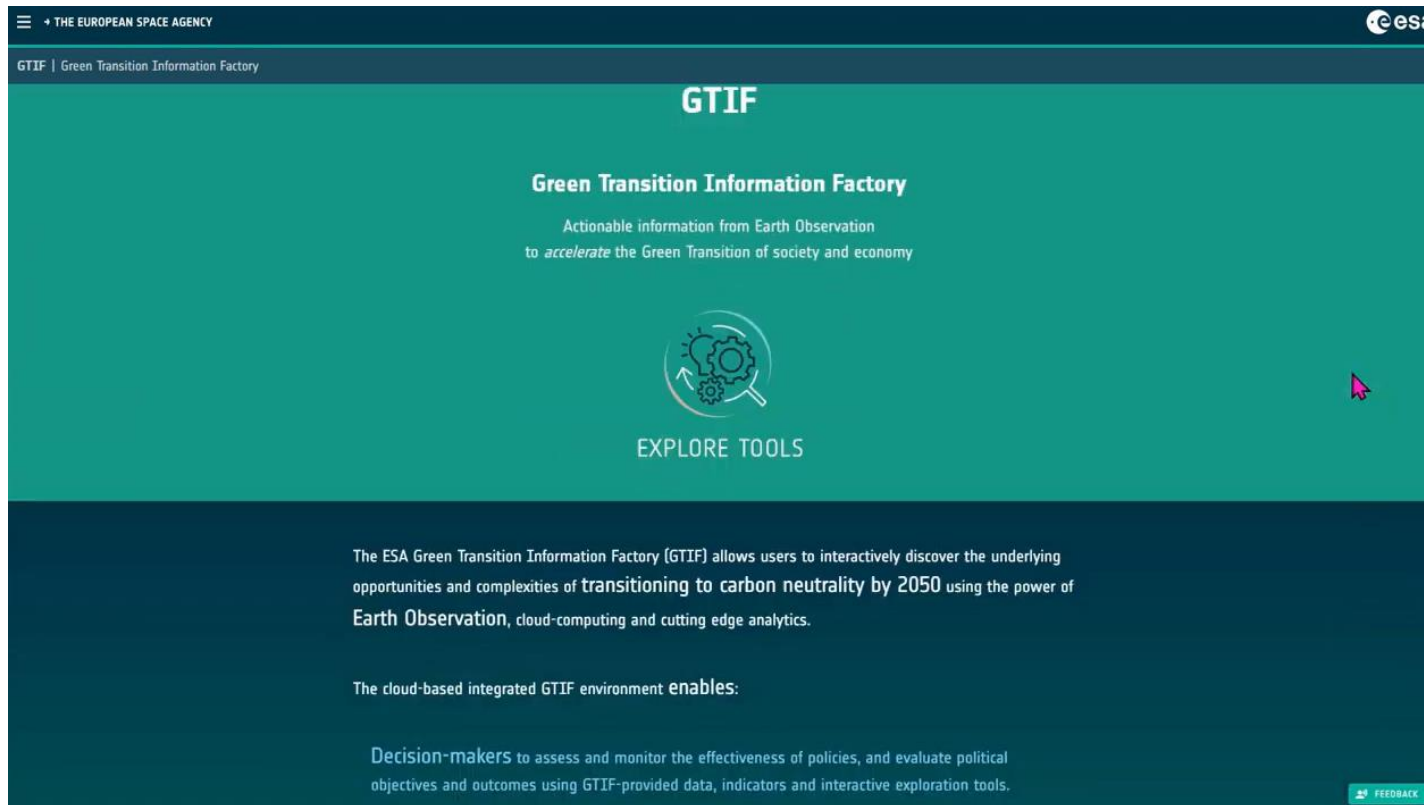


Satellites support the implementation of the European Common Agricultural Policy (CAP)

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



ESA Green Transition Information Factory




THE EUROPEAN SPACE AGENCY

GTIF | Green Transition Information Factory

GTIF

Green Transition Information Factory

Actionable information from Earth Observation
to *accelerate* the Green Transition of society and economy



EXPLORE TOOLS

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.

FEEDBACK

Spatial energy planning
for wind and solar
power

© <https://gtif.esa.int>

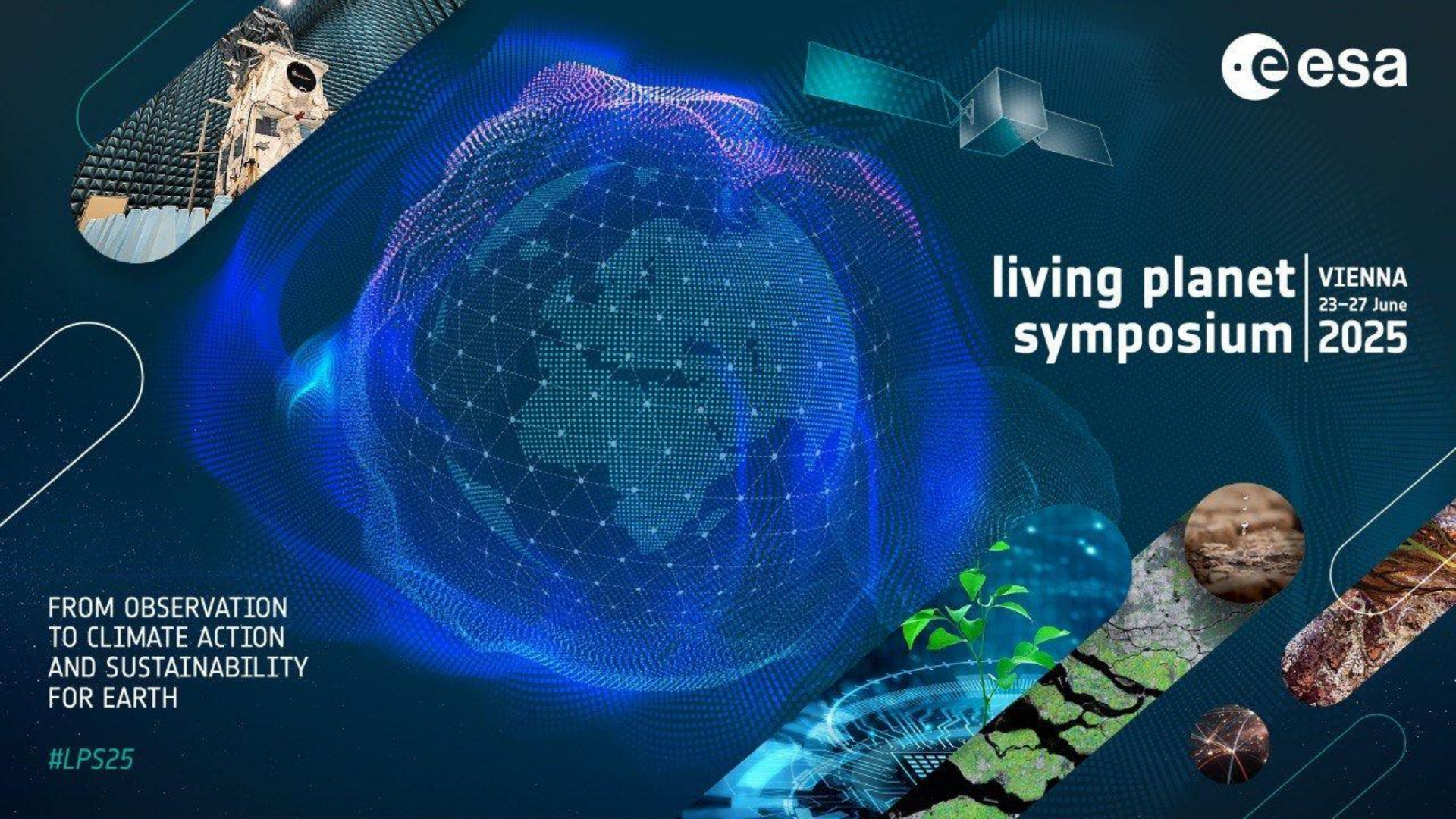


living planet symposium

VIENNA
23-27 June
2025

FROM OBSERVATION
TO CLIMATE ACTION
AND SUSTAINABILITY
FOR EARTH

#LPS25





UNITED NATIONS / AUSTRIA
SYMPOSIUM
2024

17 – 18 July 2024
Graz, Austria and online

bmk.gv.at

Register until
10 July for
Online
participation

30th anniversary

Climate action:

**transforming space-based technology projects into
sustainable services that support policy-making**

co-sponsored by:



Federal Ministry
Republic of Austria
Climate Action, Energy, Energy Efficiency,
Energy Research and Technology

Federal Ministry
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