



Federal Ministry
for Economic Affairs
and Climate Action

New German Federal Government's Space Strategy

Technical presentation by Germany at the 61st Scientific and Technical
Subcommittee



Coalition contract 2021 of the German Government: „... developing a new space strategy especially with regards to mitigation and removal of space debris...“



2023

The new space strategy
as a priority strategy



Germany developed a new Space

Significant changes in the political, economic and technological realms regarding space required new answers:

Political

- Space data as basis for political and economic decision-making
- The EU's new role in space
- Space as an arena of foreign policy in contact with emerging space-faring nations
- Space Debris and protection of space

Strategic

- Assets in space as critical infrastructure that needs protection
- German and European sovereignty
- Expansion of Human Spaceflight beyond LEO

Technological and economic

- Digitalisation and artificial intelligence
- New Space approach
- Small satellites and microlaunchers
- New era for European launchers
- Mega-constellations for global connectivity with high bandwidth and Earth observation

Process of defining new space strategy

Key milestones

- 6 October 2022: Launch event "New Space Strategy of the Federal Government " at BMWK Berlin
- Publication of the impulse paper "Impulses for German Space Policy"
- March/April 2023: Expert workshops on in-depth topics
- April to June 2023: Workshops with ministries involved in space at federal and state level
- Summer 2023: Interdepartmental revision on federal level of the draft text
- 27 September 2023: Approval by the Federal cabinet and publication



The New German Space Strategy

- Areas of activity -

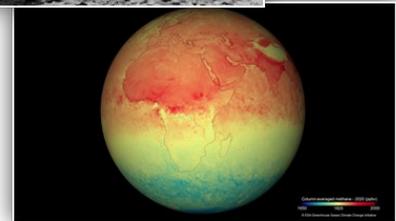
... is a priority strategy. In addition to political objectives and guidelines it also contains concrete key projects.

Areas of activity for German space policy:

- European and international cooperation
- Space as a growth market; high-tech and New Space
- Climate change, resource protection and environment protection
- Digitalisation, data and downstream activities
- Security, strategic options and global stability
- Sustainable, safe use of space
- Space research
- International space exploration
- Space activities in the context of recruiting and attracting talent



The New German Space Strategy - Key projects -



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Sustainable, safe use of Outer Space

- Key project: Space Traffic Management -

We actively support:

- @International level: an **international STM** system in the UN developed within COPUOS
 - @Regional level: the implementation and international promotion of an **EU approach for STM**
- We continue to enhance our national capabilities (e.g. GSSAC) and to expand our **bilateral and multilateral cooperation** in space monitoring.
- We actively participate in the **EU SST partnership** in the interest of preventing collisions in space:
- EU SST services are **provided to satellite operators worldwide, free of charge**
 - Additional sensors for space-situation evaluation now facilitating the **first globally coordinated operation of multinational sensors for space-situation evaluation**



The New German Space Strategy - Key Take-Aways -

We strengthen our new space ecosystem by:

- Improving framework conditions for space start-ups and SMEs.
- Continuation of the small satellite initiative and development of a space innovation hub for the new space scene.

We take the opportunities for climate protection and ensuring sustainability by:

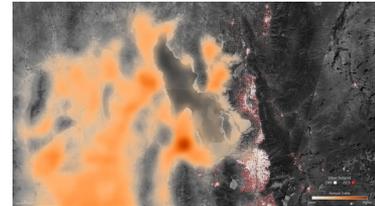
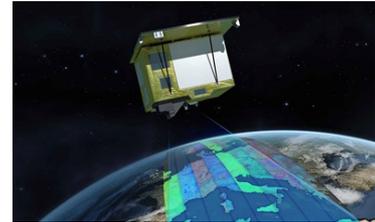
- Enhancing the use of Earth observation data for decisions regarding climate and species protection.
- Support for EU and UN approaches to space traffic management.

We expand our European and international cooperation by:

- Fostering fair rules on European and international utilisation of space.
- Creating commercial opportunities for industry through a launcher competition.

Expanding the dialogue with society by:

- Conducting the first German Space Day in 2025 to show people where they can experience space activities and how they benefit from them.





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Thank you for your attention!

Dr. Christine Schmitz

IVD3, Federal Ministry for Economic Affairs and Climate
Action

E-Mail: RF-Strategie@bmwk.bund.de