European Commission

June 2025

EU Space Act

The EU's ambition for a cleaner, safer and more competitive space sector

What is needed?

Harmonising rules

- One market, one rulebook: from different towards common rules on safety, resilience and sustainability.
- Fragmented rules slow innovation and raise costs.

Ensuring safer orbits

- Space is crowded: 11 000 satellites currently in orbit.
- 50 000 more to launch by 2035.

Safeguarding space systems

- Cyberattacks on satellites are rising fast.
- Each year, cyberattacks in space cost the industry €1 billion.

Securing space services

- Satellite navigation drives Europe's economy.
- Earth Observation is booming – set to almost double by 2033.

Building a greener space economy

- Small satellites leave a big carbon footprint.
- Life cycle assessment helps drive innovation in space while ensuring environmental responsibility and efficient use of resources.

Expanding future horizons

- Space is the next service frontier.
- In-space operations unlock new markets while keeping infrastructure safe and sustainable.

What we propose

SAFETY

- Minimise the generation of new debris, such as disposal of satellites at the end of their life.
- Require collision avoidance services and the sharing of satellite position data.

Cuts down on collision alerts and unnecessary manoeuvres, extending satellite lifespans.

RESILIENCE

- Foresees tailored rules to ensure the cybersecurity of space activities.
- Risk assessment throughout the lifecycle of space missions.

Prevents outages and incidents to ensure uninterrupted satellite data for crucial sectors.

SUSTAINABILITY

- Life cycle assessment helps to save money and have more efficient sustainable space missions.
- Create a shared databases to support environmental impacts assessment.

Delivers verified, comparable life cycle assessments that reduce costs and increase efficiency.

© European Union, 2025

Reuse of this document is allowed, provided appropriate credit is given and any changes are indicated (Creative Commons Attribution 4.0 International license). For any use or reproduction of elements that are not owned by the EU, permission may need to be sought directly from the respective right holders.

Images © European Union, © Adobe Stock.

Luxembourg: Publications Office of the European Union, 2025

Print ISBN 978-92-68-28993-8 doi: 10.2889/7724304 HV-01-25-003-EN-C
PDF ISBN 978-92-68-28992-1 doi: 10.2889/7109912 HV-01-25-003-EN-N