

European Space Policy Issues

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The European Space Policy Institute (ESPI)

Mission Statement

The European Space Policy Institute (ESPI) provides decision-makers with an informed view on mid- to long-term issues relevant to Europe's space activities.

In this context, ESPI acts as an independent platform for developing positions and strategies.

ESPI provides decision-makers and the global space community with:

- Arguments underpinning the "Case for Space"
- Policy concepts for international, regional and national activities
- Analyses for mid-term visions
- Platforms for expert exchanges
- Source for cutting-edge information



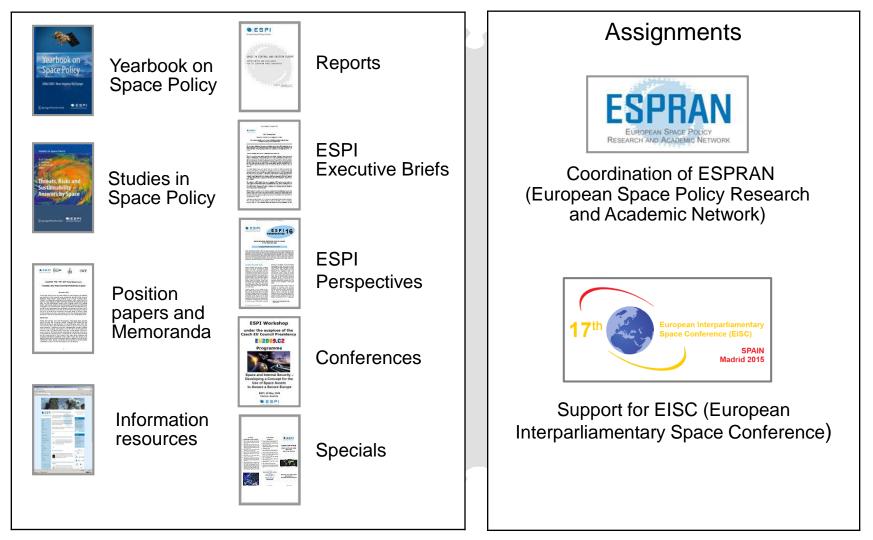


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European space policy issues Generalities

- European space policy issues are rarely just European
- Policy issues always have a normative aspect

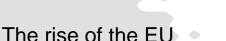


What are the driving dynamics?

Global

Geopolitical realignments, many new state actors

- The imbalance between states
- The rise of the private actor
- Congestion
- Debris
- Space for Earth
- Cheaper space projects, Silicon Valleysation
- Security
- Launcher innovation
- The rival technologies



• The new member states of EU and ESA

European

Commercial pressures





Where do the dynamics take us?

Global

- Realignment, many new state actors, imbalance between states, rise of the private actor ——
 challenge to governance systems, governance reform, competing prestige projects, space
 mining, space tourism
- Congestion, debris _____ Long-Term Sustainability, space traffic management
- Security PAROS, PPWT, TCBM, International Code of Conduct, 'No first placement of weapons in space', Govsatcom
- Launcher innovation, rival technologies New competitive dynamics, congestion versus less congestion, holistic approaches – governance challenge?

European

- The rise of the EU, new member states ——— Governance, governance, governance, distribution of tasks and work
- Commercial pressures ------> Intra-European differences, Europe Asia



Launchers

- ESPI Report: The European Launchers between Commerce and Geopolitics
- Ariane 6, Vega C, the death of Soyuz from Kourou
- How do we ensure European solidarity?
- Do we sell to our friends and help our friends?
- Are we vulnerable?
 - Commercially?
 - Geographically?
- Can we become disruptive?
- How to support exports?
- Small is beautiful?



Copernicus

- ESPI Report: Optimising Europe's Benefits from the Copernicus
 Programme
- Market uptake?
- Consolidation of demand?
- No CSA
- Users in the driver's seat
- Task force of involved organisations?



Prestige projects and the increasing importance of geopolitics

- Book: When China Goes to the Moon....
- Exploration: New space race or joint effort of humanity?
- How China changes everything
- Is the destination important?
- Who will win a race?
- The cultural fall-out



Space Mining

- What is the desirable outcome from a global perspective?
- Space treaties versus the US Commercial Space Launch Competitiveness Act
- The poor suckers party to the Moon Agreement
- Bottom up norm creation versus top down



Constellations

- A paradigm shift?
- Space as an increasingly finite resource
- Auctions and the global commons
- Governance and the private actor



Space tourism

- Revolution of space access?
- Space traffic management
- Forum shopping
- Envoys of Humankind?
- The liability situation



The role of space in society

- Report: Europe in the future and the contributions of space
- Space 4.0
- Technology push, societal pull
- How to capture the future?
- The role of space agencies

- Space and the Sustainable Development Goals (SDGs)
- Humanitarian telemedicine