



A Premium Geospatial Industry Conference

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Harnessing the Power of Space for Sustainable Development

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Geospatial World Forum



Office for Outer Space Affairs

Our Work



UNOOSA was initially created as a small expert unit within the UN Secretariat. Over the years it has evolved to a hub for space science and technology, space law and policy. Today we work to **advance int. cooperation** in the peaceful uses of outer space & **bring space benefits to everyone**.

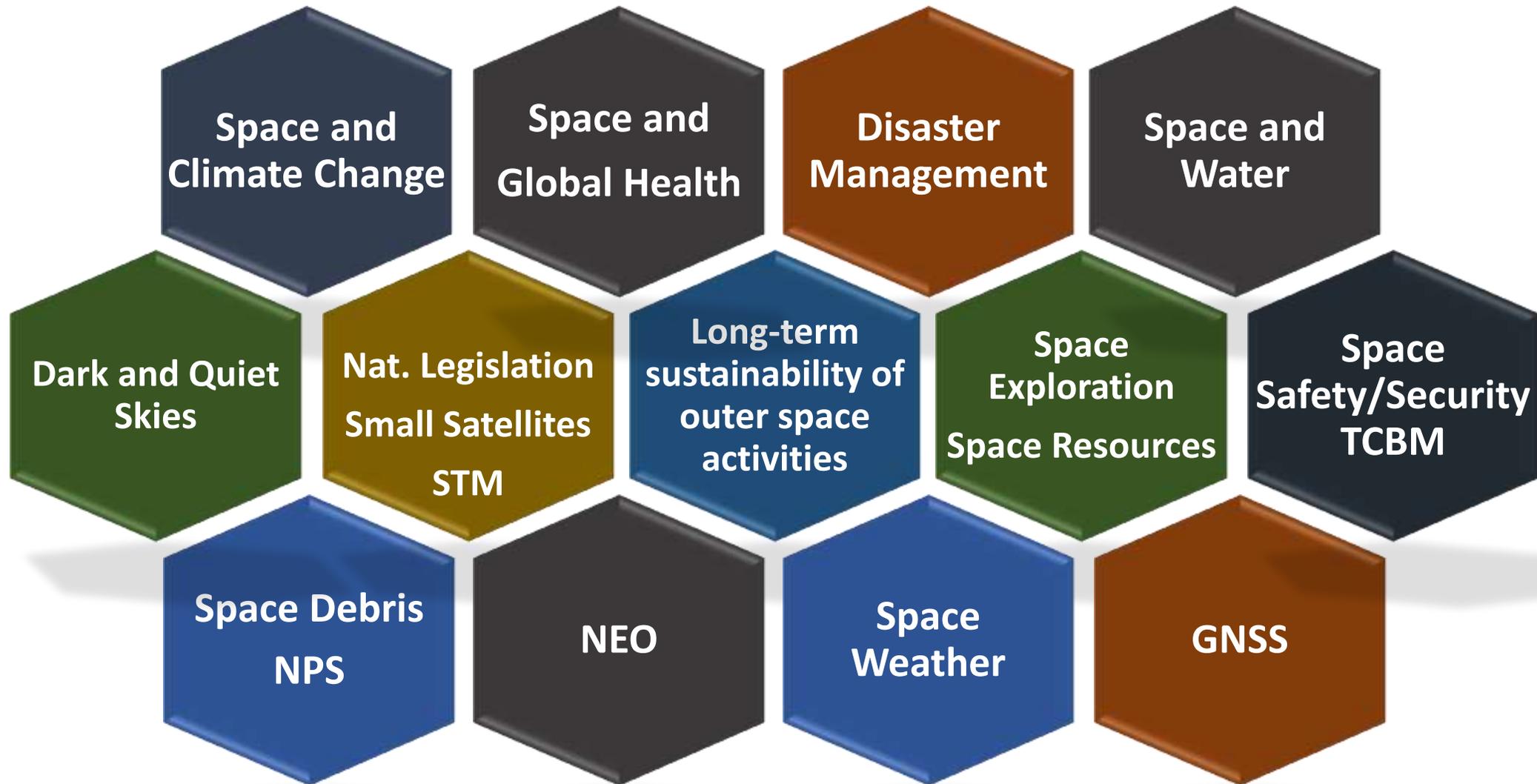
- ❑ Secretariat to COPUOS
- ❑ Works with MS, IGOs, NGOs (space-related)
- ❑ Programme on Space Applications
- ❑ UN-wide coordination - UN-Space
- ❑ UN Register of Space Objects
- ❑ UN-SPIDER – with Offices in Austria, China & Germany
- ❑ International Committee on Global Navigation Satellite Systems (ICG)
- ❑ Space Mission Planning Advisory Group (SMPAG)



www.unoosa.org

Committee on the Peaceful Uses of Outer Space

Building Multilateral Consensus through the UN



Space2030 Agenda (GA Res 76/3, 25 October 2021)

Charting the way to enhance the use of Space4SDGs

We, the States Members of the United Nations, acknowledge that the **exploration and peaceful uses** of outer space have **enriched our collective knowledge and revolutionized life** on Earth.

As the space community moves forward with its space exploration endeavours, space will continue to serve as a source of inspiration and innovation and to provide applications for the benefit of humankind.



Overarching objectives:

- ❑ **Space economy:** Enhance space-derived **economic benefits** and **strengthen the role** of the space sector as a major driver of sustainable development
- ❑ **Space society:** **Harness the potential** of space to solve everyday challenges and **leverage** space-related **innovation** to improve the **quality of life**
- ❑ **Space accessibility:** Improve **access to space** for all and ensure that all countries can benefit from space to support the **achievement of SDGs**
- ❑ **Space diplomacy:** Build **partnerships** and strengthen **international cooperation** in the peaceful uses of outer space and in the **global governance** of outer space activities



UNOOSA and Space for Sustainable Development



Space for Women



Space Law for New Space Actors



UN-SPIDER



Access to Space for All



Space for Persons with Disabilities



Space Economy



Space for Climate Action



International Committee on GNSS



Space for Youth



Space Sustainability



Space for Water



UNITED NATIONS Office for Outer Space Affairs



Our Common Agenda

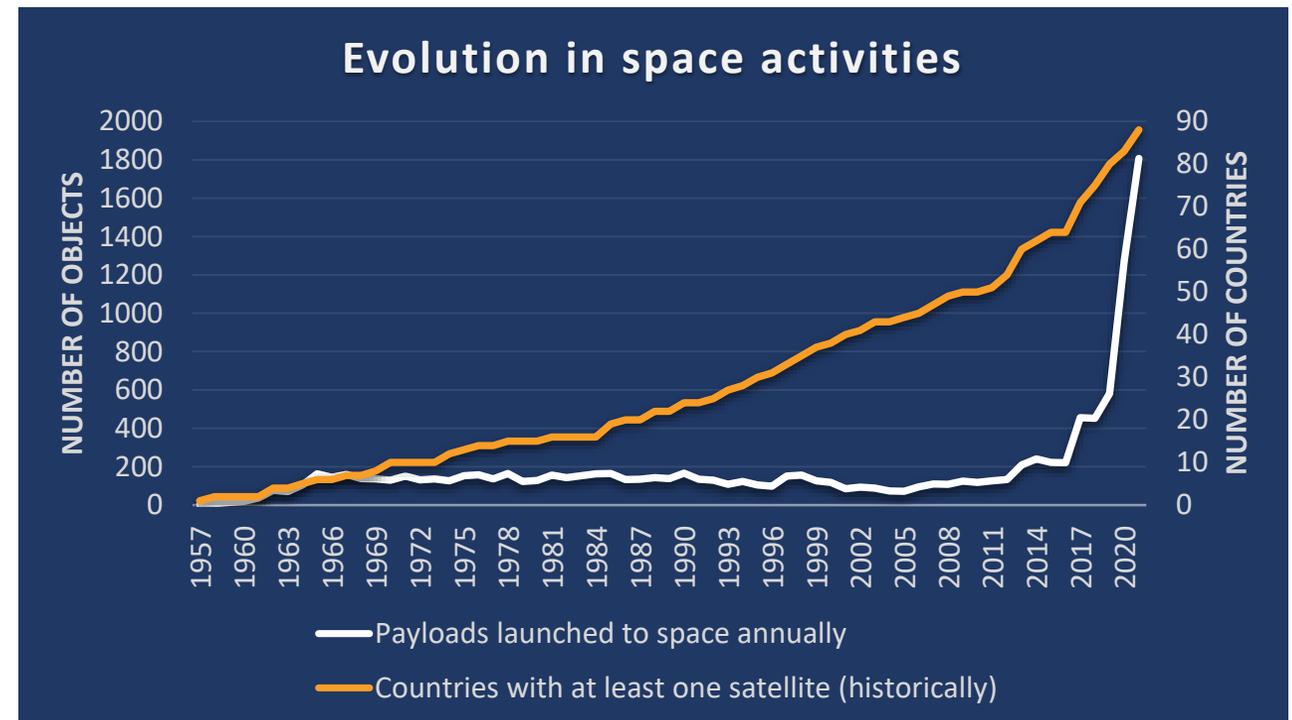
Chartering the future of outer space exploration & use



The placement of Outer Space Dialogue among the High-level tracks of the Summit of the Future underscores the importance of space at the United Nations.

Outer Space is one of the key proposals under the 12 commitments

- ❖ multi-stakeholder dialogue on outer space as part of a Summit of the Future
- ❖ seek high-level political agreement on the peaceful, secure and sustainable use of outer space
- ❖ move towards a global regime to coordinate space traffic and agree on principles for the future governance



Outer space dialogue is one of the 8 proposed high level tracks of the Summit of the Future

Challenges in making sense of ever-growing availability and access to earth observation data

Much of the geospatial information is derived from the earth observation (EO) data.

Private companies are transforming the EO data acquisition and availability

Immediate challenge is

Are the end-users prepared to utilize the full potential of EO data?

End-users are largely the government sector

- sustainable development
- disaster risk resilience,
- mitigating climate change,
- conserving ecosystems,
- transforming food systems,
- monitoring natural resources,
- security and so on.

The **private industry** sector is increasingly using EO data

Challenges in making sense of ever-growing availability and access to earth observation data

The Panel discussion focuses on

- **Key challenges faced by the geospatial industry and end-users in making sense of ever-growing availability**
- **provide the policy, technology and management perspective**
- **Highlight contribution to accelerating social and economic recovery from the impact of the Covid-19 pandemic.**