

## **Agenda Item 10: LTS of Outer Space Activities**

### **Republic of Korea**

#### **UN COPUOS Scientific and Technical Subcommittee, Sixty-second Session February 3, 2025**

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Thank you, Chair.

The Republic of Korea, like other Member States, is fully committed to supporting international efforts to implement the preamble and 21 guidelines for the long-term sustainability (LTS) of outer space activities.

The rapid increase in space objects and the growing complexity of space activities over the past decade have posed significant challenges for all nations. Recognizing the urgent need for robust regulatory frameworks to mitigate risks and ensure the safe, secure, and sustainable use of outer space, the Republic of Korea is eager to share its experiences and learn from others. This collaborative approach will enable us to effectively incorporate these guidelines into our legal frameworks and policies.

To support these goals, we have undertaken concrete measures to enhance the sustainability of outer space activities. One of our key initiatives is the establishment of the Korean Integrated Space Situational Awareness (SSA) System, which will enable the identification, detection, and tracking of space objects. This system underscores our commitment to promoting safe and secure space operations. Furthermore, under the 4th Space Development Promotion Basic Plan, the Republic of Korea has significantly increased investments in advanced technologies focused on mitigating and remediating space debris, aligning with global efforts to address this pressing issue.

Recognizing the importance of engaging a broad range of stakeholders, we have actively worked to raise awareness and foster collaboration among startups, academic institutions, and space entities. To this end, we hosted four national conferences on space sustainability last year in collaboration with Korean academic societies. These events provided a platform to promote voluntary adherence to the LTS guidelines and encourage dialogue on best practices among multi-stakeholders for sustainable space activities.

Chair,

We would like to take this opportunity to express our gratitude to the Chair of the LTS Working Group, Mr. Umamaheswaran, and the Secretariat for their dedicated efforts. We have actively engaged in the intersessional meetings last November and remain committed to advancing this critical work. We believe that sharing experiences and best practices among Member States would be a great way to collectively address the pressing challenges of space sustainability.

The Republic of Korea reaffirms its commitment to the long-term sustainability of outer space. We will continue playing a responsible role in preserving the benefits of outer space for future generations.

Thank you.

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