



CANEUS STATEMENT

Sixty-Eighth Session of COPUOS

United Nations Committee on the Peaceful Uses of Outer Space

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Agenda Item 5: Ways and Means of Maintaining Outer Space for Peaceful Purposes

Presented by

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Chairman
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Chair and distinguished delegates,

On behalf of CANEUS, I thank you for the opportunity to contribute to this critical discussion on preserving outer space for peaceful purposes.

As we reflect on the future of global space cooperation, particularly in the lead-up to UNISPACE IV in 2027, it is essential to recognize that safeguarding space as a peaceful and inclusive domain requires more than treaties and declarations — it demands practical, innovation-driven mechanisms that enable shared benefit, transparency, and resilience.

One such mechanism is the strategic deployment of deep technologies for peaceful space applications. These include artificial intelligence, quantum technologies, advanced materials, autonomous systems, and biotechnology — all of which hold vast potential to support climate action, disaster response, food security, global health, and equitable connectivity.

However, many of these innovations face a bottleneck in development — stalled in the so-called ‘Valley of Death’ between early research and operational deployment (TRL 3–7). This not only delays solutions to urgent global needs, but also risks widening the technological divide among nations.

CANEUS — established in 2001, specifically to bridge this gap — has long advocated for international collaboration to accelerate mid-TRL innovations with peaceful space applications.

We believe the peaceful use of outer space can be significantly advanced by establishing a Deep-Tech for Space Acceleration Initiative, aligned with the 2030 Agenda, the Space2030 Agenda, and the values of UNISPACE IV.



Such an initiative would:

1. Promote peaceful cooperation through joint innovation programs that serve global challenges — from orbital debris mitigation to climate observation and planetary health.
2. Foster shared infrastructure such as testbeds and living labs to democratize access to innovation and reduce barriers for developing nations.
3. Build inclusive talent ecosystems, emphasizing youth, women, and underrepresented regions to ensure a more balanced and representative space community.
4. Encourage dual-benefit public–private partnerships that deliver both peaceful outcomes and technological progress.

As a tangible step, CANEUS is partnering with global institutions to establish a network of Deep-Tech for Space Mid-TRL Innovation Acceleration Hubs, designed to support peaceful space innovation and capacity-building across regions.

These hubs will act as collaborative platforms for mission-driven demonstration projects, open knowledge exchange, and responsible dual-use innovation — rooted in the shared goal of maintaining space as a domain for peace, sustainability, and opportunity for all.

We invite Member States, UN agencies, and stakeholders to collaborate in this initiative as a legacy contribution to UNISPACE IV — and as a strategic way to transform innovation into peaceful impact.

We look forward to working together to shape a more peaceful, inclusive, and innovation-enabled future in outer space.

Thank you.