



Committee on the Peaceful Uses
of Outer Space
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Agenda Item 3
General Exchange of Views

Madam Chair and Distinguished Delegates,

It is a great pleasure to be present here to make a statement about the latest activities of our international NGO, UNISEC-Global, the Global University Space Engineering Consortium. I want to take this opportunity to thank Ms. Ulpia-Elena Botezatu, the Chairperson of the Scientific and Technical Subcommittee (STSC), for giving me the chance to make this speech and Ms. Aarti Holla-Maini, Director of the Office for Outer Space Affairs (OOSA) and her team for their well-organized preparation.

Madam Chair and Distinguished delegates,

2024 was a productive year for us in making some contributions to capacity-building for emerging space countries. Let me highlight a few examples.

Firstly, last August, we held an annual program, the 13th CanSat/CubeSat Leader Training Program (CLTP-13), in Japan. CLTP is a unique instructor training program for future space educators. This two-week hands-on training course uses the HEPTA-

SAT kit, a model CubeSat. Trainees not only acquire basic knowledge of space/satellite technology, systems engineering, and project management skills but also learn and practice how to teach about hands-on satellite development. We argue that this is one of the best tools for access to space and satellite technology in terms of costs and benefits. So far, we have had 144 participants joining the program, from 59 countries worldwide.

The second example is the general meeting of UNISEC-Global, held in South Africa last November, together with the Nano-Satellite Symposium. It was the first time for both to be held in the African continent. One highlight was a student session for university students and young researchers from South Africa and nearby countries. They had a precious opportunity to discuss space and space engineering topics with other participating students from around the world.

Moreover, as a third illustration, I would like to introduce a new proposal made at the meeting. It is called the Nano-satellite IoT Constellation Program by International Collaboration. It intends to provide access, by each member, to the merits of satellite constellations. Store-and-forward technology allows anyone to participate in the program in a way that suits their local needs, resources, and technology readiness.

Madam Chair and Distinguished delegates,

In addition, may I draw your attention to the KiboCUBE onsite Workshop: HEPTA-SAT Training, our joint endeavor with UNOOSA and JAXA? Last November, we organized a one-day HEPTA-SAT training workshop at Stellenbosch University, South Africa. Twenty-six participants, including both engineers and non-engineers, mainly from Africa, took part in the training and reported positive outcomes.

Our last capacity-building effort was to organize a preliminary workshop in the framework of the Mission Idea Contest during the UNISEC-Global meeting. This focused on a lunar mission, with two components: a Lunar Orbit CubeSat mission and a Lunar Surface Rover mission. Four teams from three continents presented their proposals, followed by a Q&A and panel discussion. This year, in 2025, we will organize the 9th Mission Idea Contest: “To the Moon!”, in Japan.

Madam Chair and Distinguished delegates,

I would like to conclude my statement by quoting my favorite African proverb, “If you want to go faster, go alone. If you want to go further, go together.” Younger generations will be the ones leading us forward, further and further into the future. Let us help them face this future and make something of it, by joining efforts and taking action to go together. Thank you for your kind attention.

By Rei Kawashima,
Secretary General of UNISEC-Global