



Agenda Item 4
General Exchange of Views

Mr. Chairman and Distinguished Delegates,

As representative of the University Space Engineering Consortium (UNISEC)-Global, I would like to express my sincere appreciation to the chairperson of the Committee, Mr. Andre Rypl, for his excellent leadership in organizing this Session. Also, I appreciate Ms. Simonetta Di Pippo, the Director of the United Nations Office for Outer Space Affairs, and her team for excellent work for organizing the conference.

I am very honored to be given this opportunity today to make a statement before the Committee Members. Since Observer Status with this Committee was granted in 2017, UNISEC-Global has been steadily expanding its activities in the international arena. This is my second statement at the Committee Session, and I would like to briefly introduce some of the leading activities under the title of “UNISEC-Global Challenge-for sustainable university space activities” on Wednesday June 19th.

Mr. Chairman and Distinguished Delegates,

One of the new developments that UNISEC-Global has embarked on is the opportunity to use the International Space Station’s facilities for university students and researchers across the world. Thanks to both a Belgium

company-ICE Cubes and a Japanese company-Space BD, we will be able to offer to use its experimental modules, ESA's Columbus and JAXA's Kibo modules for winners of the 6th Mission Idea Contest (MIC-6). Now, a call for papers is underway with the due date of August 8th, 2019. Winners will be finalized at the 7th UNISEC-Global Meeting, which will be held at The University of Tokyo, Japan on November 30th - December 3rd, 2019. Before I mention the coming 7th Meeting, I would like to briefly refer to its last meeting. The last Meeting of UNISEC-Global was held at the International Space University, Strasbourg, France in November 2018, which was a very meaningful gathering. Among other things, we organized the 5th Mission Idea Contest for Micro/Nano Satellite Utilization where applicants were required to satisfy any of UN Sustainable Development Goals, discussed ISS commercialization, and held the session on the gender equality in the space field. I would like to take this opportunity of expressing my sincere gratitude to ISU.

The UNISEC-Global Meeting of this year will follow on some of these useful agendas, including what I described just now, as well as reviewing an International Academy of Astronautics (IAA) handbook for debris issues. This is a kind of textbook, titled "A Handbook for Post Mission Disposal of Satellites less than 100 kg" which has been completed by its study group in cooperation with UNISEC-Global members. Mr. Rene Laufer will make a technical presentation on the handbook on June 19th, and I will not talk much here but want to emphasize that It can be downloaded at the website of IAA free of charge. UNISEC-Global will help disseminate the Handbook widely to public and private entities including universities around the world in an effort to mitigate space debris.

Mr. Chairman and Distinguished Delegates,

May I draw your attention to our training programs using HEPTA-Sat kits. Under the motto of ensuring easier and cheaper access to satellite technologies in a shorter period of time for university students or young researchers across the world, we have sent instructors to France, Oman, Australia and Rwanda since last June of 2018. In Australia, for example, under a joint collaboration with the International Space University, we organized a one-day hands-on training at the University of South Australia Adelaide as part of its Space Studies Program.

In addition to our overseas hands-on training programs, we have an annual training project in Japan, called the CanSat Leader Training Program (CLTP), using HEPTA-Sat kits. We had its 9th program last August at Nihon University, Chiba, Japan, which had 13 foreign and Japanese trainees. This year's CLTP-10 in August is now prepared at the same venue. More than 20 international people have applied, and selection process is underway.

I would like to underline its importance here again. CLTP is to make participants learn the whole process of satellite engineering system through design, fabrication, and data verification using HEPTA-Sat. Upon completion of the CLTP Course, the participants are expected to play a leading role to disseminate the acquired space knowledge to their students at home.

Finally, I would like to briefly touch upon the local chapters and points of contact of UNISEC-Global. We have 17 local chapters and 50 points of contact around the world. We have a newcomer this year, UNISEC-Philippines. Welcome UNISEC-Philippines to our community. In addition, we plan to receive another local chapter from Malaysia. Some procedural arrangements are in the final stage. Incidentally, these 17 local chapters play a dual role as points of contact.

Mr. Chairman and Distinguished Delegates,

I would like to conclude my statement by saying that UNISEC-Global will help to create a world where every country can access space and space technology regardless of its economic status. The key principle of the 2030 Agenda for Sustainable Development is “No one will be left behind.”

In this connection, my favorite African proverb which I have often cited at different forums is –

“If you want to go faster, go alone.

If you want to go further, go together.”

Space is infinite. Let’s go together. Then, we can go further and further.

Thank you for your kind attention.