

Fifty-eighth Session of the Scientific and Technical Subcommittee of  
COMMITTEE ON THE PEACEFUL USES OF OUTER SPACE  
Vienna, 19 – 30 April, 2021  
Agenda Item 3 – General exchange of views  
**Statement of Hungary by Chargé d’Affaires Mr. Tamás Talpai**

Madam Chair, Distinguished Delegates,

Hungary fully aligns itself with the statement of the European Union.

Hungary, with the rest of the world celebrates the 60<sup>th</sup> anniversary of the first manned spaceflight. The remarkable flight of Yuri Gagarin’s paved the way for future astronauts, and the scientific research entered a completely new phase.

Besides, Hungary also celebrates the 75<sup>th</sup> year of the birth of the Hungarian space activities. In February 1946, on the ruins of Budapest after the Second World War, Professor Zoltán Bay and his team conducted the exceptional Moon-radar experiment, successfully receiving the radar echo from the Moon.

Madam Chair, Distinguished Delegates,

Research and education are the basic elements of space activity in every country. We are proud of the students of the various Hungarian universities working in the area of space research and development. In 2019 teachers and students of Budapest University of Technology and Economics developed the world’s first one-unit-large PocketQube satellite SMOG–P. SMOG–P measured the man-made electromagnetic pollution from space for the first time in history and based on its data the University generated a global map of electrosmog.

Less than a month ago, on 22 March this year, the new Hungarian electrosmog-research satellite, a one-PQ-class satellite, developed by students of the same university, SMOG–1 entered Low Earth Orbit successfully by a Soyuz launcher. I am pleased to inform the Committee that the developers will deliver a presentation on Monday next week, as this project has innovative elements concerning the reduction of space debris.

Madam Chair, Distinguished Delegates,

The COVID-19 pandemic has severely affected the healthcare systems, national economies and societies of the Member States. The socio-economic impacts of the pandemic would have been

more severe without space based global infrastructures such as global telecommunication and global broadcasting.

We all hope that space activity will serve as an effective contributor in the protection against Covid-19 pandemic. Two Hungarian companies developed a medicament experiment which was recently launched to the International Space Station. A technical presentation will be made on this endeavour later today.

Madam Chair, Distinguished Delegates

The main partner of the Hungarian space activity is the European Space Agency. As a member state of ESA, we significantly increased the level of our cooperation in the past two years.

The Ministry of Foreign Affairs and Trade coordinates the space activity in Hungary. In the previous years, our Ministry signed a Memorandum of Understanding in the field of peaceful cooperation in outer space with the ministries, space agencies and private actors responsible for space of Brazil, Turkey, Singapore, Israel, France, Portugal and a leading space company located in the United States. In 2020 a Russian-Hungarian Joint Committee on Space Research was established to support joint projects.

Our actions and results clearly reflect our commitment for Hungary to play its part more than ever before in the peaceful use of outer space. Strengthening the guidelines of peaceful cooperation in outer space activities must be in the forefront of our aspirations for the interest of all mankind.

Thank you for your attention.