Statement by

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Agenda Item 15: *Space and global health*

Thank you, Madam Chair.

Space information for global health is important. It has various benefit, particularly in health risks and disease mapping. The obtained data and information of high quality is crucial in formulating the most suitable intervention, policy, and regulation. Moreover, space imagery, land use maps and risk maps will also be beneficial for forecasting any potential natural disaster that in all cases.

It is well-known that geographically Indonesia has a large territory, consists of many islands and remote areas. This condition provide us with a great challenge in gathering high quality data and information as well as in providing the needed health services for people in these areas. Indonesia is of the view that space-based technology can give a beneficial support in data and information gathering and health care services provision.

For the past few years, there are several efforts to increase the utilization of the space-based technology, such as:

1. The Ministry of Health of the Republic of Indonesia and the National Institute of Aeronautics and Space of Indonesia is the phase of collaboration planning for using the space-based technology for global health purposes. This initiative is aimed to strengthen the SDGs effort and catalyze the achievement of SDGs target.
2. Aside from the development of telemedicine and telehealth programs in Indonesia, the Government of Indonesia also has established the One Data Policy, Public Information Transparency and One Map Policy, which shows Indonesia's commitment for openness of data sharing.
3. Indonesia has also issued the Government Regulation of Indonesia Number 11 of 2018 on remote sensing that regulate remote sensing data procurement to ministries that include Ministry of Health to utilize of space-based technology for health.

Madam Chair,

Indonesia noted that space-based technology has a benefit, particularly to address global health issues that is multi-sectoral in nature, such as disease surveillance, disease preparedness system, one-health approach, and disaster risk management.

The COVID-19 pandemic has also showed us the need for advanced technological support. First, space-based technology has been used for the COVID-19 monitoring system and for the One Indonesia Data for COVID-19 Vaccination Application. Indonesia also utilize the space technology satellite to develop information system for Health Crisis Prevention by integrating a remote sensing application to build a mitigation and disaster preparedness system.

Moreover, Indonesia has established and updated the use of the geotagging system throughout all health care facilities locations, namely SIRANAP (Inpatient Information System), and SISRUTE (Integrated Referral System) to support the COVID-19 control effort in Indonesia.

Furthermore, with regard to health disaster risk management, Indonesia manages the InaRISK-BNPD (a risk assessment portal using ArcGIS server as data services), real-time information for weather and earthquake forecasting, and real-time information for volcanic activity detection.

One health is a major global health issue that increasingly needed a multisectoral approach as well as space-based technological support Indonesia has a One Health information sharing platform called SIZE 2.0 (Zoonosis and Re-emerging Infectious Diseases Information System version 2.0). SIZE 2.0 is a health surveillance information system that connects three other systems: 1) Ministry of Health's Early Warning, Alert and Response System - EWARS (SKDR / Early Alert and Response System); 2) National Animal Health Information System (ISIKHNAS); and 3) Wildlife Health Information System (SATLI HEALTH).

Lastly, considering the benefit of space-based technology in global health issue, Indonesia supports initiative to promote the use of space-based technology to address the cross-sectoral global health issues.

Thank you.