



The benefits of the EU Space Programme and 3SOS

Date: **11 October**
Location: **Bangkok, Thailand (Westin Grande Sukhumvit Bangkok Hotel)**
Language: **English**

11 October from 09:00 – 16:00 (GMT+7), 04:00 – 11:00 (CEST)

Timing	Session Name and Description	Presentations	Speakers
08:30 – 09:00 (GMT+7)	Registration and welcome coffee (for on-site participants)		
03:30 – 04:00 (CEST)			
09:00 - 10:00 (GMT+7)	Opening remarks		Martin Kupka , Minister of Transport of the Czech Republic
04:00 - 05:00 (CEST)			Martin Dvořák , Deputy Minister, Ministry of Foreign Affairs of the Czech Republic Jolanda Van Eijndthoven , Head of Unit, International Relations and Communication Unit (B3), Directorate-General for Defence Industry and Space (DG DEFIS), European Commission Rodrigo da Costa , Executive Director, European Union Agency for the Space Programme (EUSPA) Dr. Pakorn Apaphant , Executive Director, Geo-Informatics and Space Technology Development Agency (GISTDA) Dr. Zurina Moktar , Head of Science & Technology Division, ASEAN Secretariat (ASEC), ASEAN Ms. Sara Rezoagli , Chargée d'Affaires a.i, EU Delegation to Thailand





Monitoring land, ocean, and climate change using Copernicus data

Questions & Answers

Michel Massart, Programme Officer and Copernicus Expert for Land Services and International Cooperation, Earth Observation Unit (C3), Directorate-General for Defence Industry and Space (DG DEFIS), European Commission

Fabienne Jacq, Policy Officer, Earth Observation Unit (C3), Directorate General for Defence, Industry and Space (DG DEFIS), European Commission

Dr. Samantha Burgess, Deputy Director of the Copernicus Climate Change Service (C3S), European Centre for Medium-Range Weather Forecast (ECMWF)

The Copernicus Emergency Management Service

Questions & Answers

Juan Escalante, Operational Focal Point for the Copernicus Emergency Management Service's Rapid Mapping, Emergency Response Coordination Centre Unit (A1), Directorate-General for European Civil Protection and Humanitarian Aid Operations (DG ECHO), European Commission

Session 1 (Part I): EU Space Data and Services for the ASEAN region

10:00 - 10:45
(GMT+7)

This session will explore the various applications of the Copernicus programme, in particular for land, oceans, and climate change monitoring. In addition, the session will showcase space-based services tailored toward disaster risk reduction and preparedness enabled by the EU Space Programme.

A special emphasis will be put on showcasing how the EU Space programme can assist local authorities with responding to natural disasters and emergencies in the Indo-Pacific region.

05:00 - 05:45
(CEST)

10:45 – 11:00
(GMT+7)

Coffee break

05:45 – 06:00
(CEST)

Benefits of Galileo and synergies with Copernicus

Questions & Answers

Jolanda Van Eijndthoven, Head of Unit, International Relations and Communication Unit (B3), Directorate-General for Defence Industry and Space (DG DEFIS), European Commission

Fiammetta Diani, Head of Market, Downstream, and Innovation, EU Agency for the Space Programme (EUSPA)

Session 1 (Part II): EU Space Data and Services for the ASEAN region

11:00 – 12:00
(GMT+7)

The second part of the session will continue exploring applications based on the EU Space Programme by presenting the synergies that can be exploited between Galileo and Copernicus.

In addition, it will also focus on the cooperation between the EU and Thailand in the field of space and introduce the THEOS-2 satellite.

06:00 – 07:00
(CEST)

Introduction to THEOS-2

Yossavin Sombutpanich, Engineer Senior Specialist, Geo-Informatics and Space Technology Development Agency of Thailand (GISTDA)

Future collaboration on Space Research and Industry between Thailand and EU

Questions & Answers

Dr. Damrongrit Niammuad, Deputy Executive Director, Geo-Informatics and Space Technology Development Agency (GISTDA)





Pierre Jaffre, Special Advisor, Geo-Informatics and Space Technology Development Agency (GISTDA)

12:00 - 13:30 (GMT+7) Lunch break (Group picture for on-site audience)

07:00 - 08:30 (CEST)

13:30 - 14:15 (GMT+7) **Session 2 (Part I): 3SOS (Safety, Security and Sustainability of Outer Space)**

Introductory statement

Joanneke Balfort, Director, Security and Defence Policy Directorate (SECDEFPOL), European External Action Service (EEAS)

08:30 - 09:15 (CEST) The first part of this session will focus on the space security aspect of the 3SOS (Safety, Security and Sustainability of Outer Space) and engage the audience on how to reduce space threats through responsible behaviours.

Reducing the space threats through responsible behaviour (Space security)
Questions & Answers

Dr. Damrongrit Niammuad, Deputy Executive Director, Geo-Informatics and Space Technology Development Agency (GISTDA)

Prof. Melissa de Zwart, Deputy Chair, Space Industry Association of Australia (SIAA)

14:15 - 14:30 (GMT+7) Coffee break

09:15 - 09:30 (CEST)

14:30 - 16:00 (GMT+7) **Session 2 (Part II): 3SOS (Safety, Security and Sustainability of Outer Space)**

The role of international cooperation for Space Traffic Management (Space safety and sustainability)

Rodolphe Munoz, Policy Officer, Secure connectivity, Space surveillance and Applications unit (B1), Directorate-General for Defence Industry and Space (DG DEFIS), European Commission

09:30 - 11:00 (CEST) The second part of this session will specifically focus on the space security and space sustainability aspects of the 3SOS (Safety, Security and Sustainability of Outer Space) initiative. It will also particularly highlight the role and the importance of international cooperation for Space Traffic Management (STM).

Questions & Answers

Dr. Regina Peldszus, Space Policy Officer, European External Action Service (EEAS)

Dr. Holger Krag, Head of the Space Safety Programme Office, European Space Agency (ESA)

Philippe Rosius, Head of the Galileo Security Monitoring Center (GSMC), EU Agency for the Space Programme (EUSPA)





Dr. Damrongrit Niammuad, Deputy Executive Director, Geo-Informatics and Space Technology Development Agency (GISTDA)

Dr. Robertus Heru Triharjanto, Head of Research Organization for Aeronautics and Space, National Research and Innovation Agency of Indonesia (BRIN/LAPAN)

Closing remarks

Patrick Chatard Moulin, Deputy Head of Space Division (SECDEFPOL.5), European External Action Service (EEAS)

