

# 11th International SES Workshop Towards Space Sustainability

Hybrid event



Thursday 20 October 2022  
10h00 – 18h00 CET



SES – Head Office  
Château de Betzdorf  
L-6815 Betzdorf  
Luxembourg



Registration

<https://bit.ly/3RGkNan>

## Abstract

Few contest that sustainability is the challenge of our times. In order for future generations to continue to benefit from space activities we need dedicated rules to ensure their sustainable conduct. In 2019, the United Nations Committee on the Peaceful Uses of Outer Space enacted the “Long Term Sustainability Guidelines for Outer Space Affairs”, a foundational document guiding the development and implementation of sustainable practices for space activities. During this 11th International SES Workshop, we shall discuss the Life Cycle Assessments (LCA), the Space Situational Awareness (SSA), and Space Traffic Management (STM) under the aspect of their regulatory implications.

## Programme

### 10.00 – 10.25 Opening remarks

**Thai Rubin**, Chief Legal Officer, SES

**Katalin Ligeti**, Dean of the Faculty of Law, Economics and Finance, University of Luxembourg

**Dovile Matuleviciute**, Responsible for Legal Affairs, Luxembourg Space Agency

### 10.25 – 10.30

**Mahulena Hofmann**, SES Chair in Space, SatCom and Media Law, University of Luxembourg,  
Presentation of the book “Luxembourg Space Legislation: A Commentary”

### 10:30 – 12:00 Panel I: Life Cycle Assessment: Regulatory Aspects

Introduction: **Sabrina Alam**, Senior Specialist, Social and Environmental Impact, SES

### Panel discussion

Moderator: **Sabrina Alam**, Senior Specialist, Social and Environmental Impact, SES

#### Panelists:

- **Violetta Kuvaeva**, Director, Technology, SES
- **Petra Vorwig**, Vice President, Legal & Regulatory Affairs, SES
- **Andrew Wolahan**, Spacecraft Systems Engineer, Cleanspace (ESA)
- **Charles-Aime Nzeussi Mbouendeu**, Master of Space Studies, International Space University
- **Vinicius Aloia**, Legal Officer, ispace inc.

### Q&A

### 12:00 – 12:30 Keynote Speech

**ESG and the UN Guidelines for the Long-term Sustainability for Outer Space Activities: Are we forgetting that “S” stands for Social?**

A case study of a clash between the Sustainable Development Goals and cutting-edge space science in the Karoo Central Astronomy Advantage Areas

**Justine Limpitlaw**, Visiting Adjunct Professor, LINK Centre, University of the Witwatersrand

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# Programme

12.30-13.30 Lunch break

## 13.30 - 15.00 Panel II: Space Traffic Management: Legal Challenges

Introduction: **Dorota Englender**, Legal Officer, Public International Law Division

### Panel discussion

Moderator: **Tanja Masson-Zwaan**, Space Policy Officer, Security & Defence Policy Directorate, European External Action Service

#### Panelists

- **Muriel Hooghe**, Senior Project Manager (STM), Luxembourg Space Agency
- **Regina Peldszus**, Space Policy Officer, Security & Defence Policy Directorate, European External Action Service
- **Charles Law**, Senior Manager, Flight Dynamics, SES
- **Frederic Pelletier**, Chief Scientist, Space Situational Awareness, NorthStar Earth & Space

### Q&A

15:00 - 15:30 Coffee Break

## 15.30 - 17:00 Panel III: Space Situational Awareness

Introduction: **Almudena Azcárate Ortega**, Associate Researcher in the Space Security and WMD Programmes, UNIDIR

### Panel discussion

Moderator: **Almudena Azcárate Ortega**, Associate Researcher in the Space Security and WMD Programmes, UNIDIR

#### Panelists

- **Charity Weeden**, Vice President, Global Space Policy and Government Relations, Astroscale
- **Charles Law**, Senior Manager, Flight Dynamics, SES
- **Antonino Salmeri**, PhD, University of Luxembourg

### Q&A

17.00 - 17:30 Closing remarks



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