

AGENDA

BEREC External Workshop on the environmental footprint of satellite constellations

Location:	Hybrid meeting IRG Premises 14 Rue de la Science, Brussels
Date & Time:	September, 25 th , 2025 10.00 - 16.00 CEST
WebEx Link	TBD

25 September 2025

As part of its work programme 2025, BEREC organizes an external workshop to understand specifically the environmental footprint of satellite constellations, complementing its previous work on LEO satellites. This workshop will bring together key stakeholders, including regulators, industry representatives, environmental experts, and international bodies, to explore the ecological aspects of these satellite systems. The debate will summarise the existing studies on lifecycle environmental impact assessment of satellite constellations and related challenges (such as the impact of limited data availability, environmental damage mechanisms, etc.). It will also address challenges related to space debris, luminous pollution (in particular with regard to astronomical observations, weather forecasting and disruptions to natural nocturnal ecosystems) and planetary boundaries, including Earth and Outer Space/orbit resources, as well as the environmental impact of the construction and maintenance of ground infrastructure (e.g. satellite dish installations and data centres). Last but not least, advancements in sustainable satellite design will be presented. The workshop on September, 25th will be open to external stakeholders. A recording will be published on the BEREC public YouTube channel for a wider outreach.

From 09.30* Arrival of the participants // Getting connected to WebEx

10.00	Start of Workshop
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- 10.00-10.10 **Welcome by Incoming BEREC Chair 2026, Marko Mišmaš**
Director of AKOS, the Agency for Communication Networks and Services of the Republic of Slovenia
- 10.10-10.15 **Introduction by BEREC Co-chairs of BEREC Sustainability working group**
Maria Sarantopoulou (EETT) and Tom Nico (Arcep)

10.15-10.35 Presentation from the European Commission

Vera Pinto, Policy Coordinator at Directorate General for Defense Industry and Space, DG DEFIS

10.35-10.55 Presentation from the European Space Agency

Andrea Vena, Chief Sustainability Officer

10:55-11.10 Q/A session

10-minutes coffee break

11.20-13.00 Presentation of existing initiatives from academia and organisations

11:20 -11.50 Presentation from COPUOS & ITU

Ulpia-Elena Botezatu, PhD, Space Policy Officer, Delegate to UN COPUOS

Alexandre Vallet, Chief, Space Services Department, Radiocommunication Bureau, ITU

11:50 -12.10 Presentation from CNES

Laurence Monnoyer Smith, Chief Sustainability Officer

12:10 -12.40 Presentation from the academia

Andrew Ross Wilson, Lecturer in Environmental Management, Department of Civil Engineering and Environmental Management, Glasgow Caledonian University

Massimiliano Vasile, Professor of Space Systems Engineering, Director of the Aerospace Centre of Excellence, University of Strathclyde

12.40-13.00 Q&A session

1-hour lunch break

14.00-16.00 Roundtable: “Reducing the environmental footprint of satellite constellations: views from stakeholders”

- Moderation: Bianca Sofian (Cullen)
- Panellists:
 - Jordi Casanova, Public Policy Principal, Telecoms & Kuiper (Amazon)
 - James Matthews, CSR director (Eutelsat)
 - Julien Doche (Aero Decarbo)
 - Isabelle Mauro, Director General (GSOA)
 - Mario Neri, Spectrum Strategy, Innovation and Space Sustainability (Telesat)

15.50 – 16.00 Closing remarks

16.00 End of the Workshop

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