

ITU Webinar on Non-GSO Satellite Systems

Virtual event

07 October 2020

Welcome and Opening Remarks

Mario Maniewicz
Director, Radiocommunication Bureau

Good morning, good afternoon, and good evening to our distinguished speakers, as well as to all the participants who are joining this ITU-R webinar from around the world.

It is my pleasure to welcome you to this second Episode in the series of ITU Satellite Webinars. A few weeks ago we hosted the first one – dedicated to preventing interference to satellite systems - where we counted with distinguished speakers from the space sector and an impressive audience of 1500 participants, who connected over different media platforms from 121 countries.

Today's webinar is dedicated to non-GSO Satellite Constellations that are already operating providing broadband communications, or are about to do so. Almost one year after WRC-19, during which intensive deliberations on the regulatory framework for such systems took place, I am glad to see that the work of the conference will assist in providing more legal certainty for the operations of these projects.

As you well know, the conference took a number of decisions in order to create a stable regulatory framework for the deployment of Large non-GSO Constellations, not only in the traditional Ku and Ka bands, but also in higher frequency bands around 40 and 50 GHz, taking benefit of the latest advances in satellite technologies.

An exhaustive technical-regulatory mechanism was also put in place to protect other terrestrial and satellite systems sharing the same frequency bands and to ensure the compatibility between them, making an efficient use of the spectrum with the global frequency harmonization required by these non-GSO Constellations, while benefiting of the consequent economies of scale that are gradually growing in this field as well.

The Radiocommunication Bureau is aware not only of the long term efforts required in the coordination and deployment of satellite systems, but also on their benefit for the society and key role they are playing to achieve the UN Sustainable Developments Goals. This is why it is very appropriate that we organise this webinar during the World Space Week, which theme this year is “Satellites improve life”. You will discover many examples today!

In this context and counting with more than 50 years of experience in Space Regulations, the Radiocommunication Bureau reiterates its commitment to provide all necessary technical-regulatory assistance to the ITU Members through its Space Services Department, led by Mr. Alexandre Vallet, who will moderate the webinar today.

Dear friends,

We are proud to count on distinguished experts and organizations supporting these webinars, and on you as a valuable audience.

Once again, I invite you to enjoy the webinar, participate actively in it, and more importantly, to apply the concepts that you will learn to enable the development of this fascinating field of satellite communications.

Together we can make reality our dream of bringing broadband connectivity to every corner of the world.

Have a nice webinar!