

Questionnaire
on
Long-term vision for the upper 6 GHz band

Under the Work Programme 2024 and beyond, the Radio Spectrum Policy Group is engaged in building a long-term vision for the upper 6 GHz band (6425-7125 MHz) and in providing policy recommendations on how to best organise its future use to maximise its contribution to the achievement of digital connectivity targets for Europe, as laid down in the Digital Decade Policy Programme 2030 (DDPP)¹.

The following questionnaire will help RSPG to get the additional information needed for this task.

Please note that information provided in response to this questionnaire will be used by the RSPG subgroup on upper 6 GHz band to develop the draft Opinion.

Please note that for transparency reasons, the names of organisations replying to the questionnaire will be published; however, a stakeholder's reply will be published only if the stakeholder has not explicitly claimed confidentiality. All stakeholders are invited to produce non confidential versions.

Deadline for responses: 20 August 2024 at 12:00 (noon) CEST

Please respond to: cnect-RPSG@ec.europa.eu

¹ [Decision \(EU\) 2022/2481](#) of the European Parliament and of the Council of 14 December 2022 establishing the Digital Decade Policy Programme 2030

A. Questions directed to the MFCN and the WAS/RLAN stakeholders:

Please limit your answers to maximum 4-5 pages and favour responding through associations as far as possible.

The RSPG intends to build a long-term vision for the upper 6 GHz band by providing policy recommendations on how to best organise the future use of this band in Europe with the goal to maximise the contribution of this part of spectrum to the achievement of digital connectivity targets for Europe, as laid down in the Digital Decade Policy Programme 2030 (DDPP)⁵. The DDPP highlights the importance of connectivity infrastructure and accordingly sets political targets for 2030, including for the deployment of networks with gigabit speeds. All end users at a fixed location should be covered by a gigabit network up to the network termination point and all populated areas should be covered by a next-generation wireless high-speed network with performance at least equivalent to that of 5G. In this context, please answer the following questions:

- I) Explain the demand for MFCN or WAS/RLAN in the upper 6GHz band before and beyond 2030
- II) Provide information about the sustainability of the above explained demand, especially the:
 - 1) Environmental impact assessment
 - 2) Social economic impact
- III) Provide information about:
 - 1) the possible role of the upper 6GHz for MFCN or WAS/RLAN
 - 2) use cases, expected deployments (e.g. number of BS for MFCN) and timeframe
- IV) Provide information about standardization and technology impact

B. Questions directed to the stakeholders providing incumbent services in the upper 6 GHz band, such as:

- Fixed service
- Fixed satellite service
- Radio astronomy service
- SST (Sea Surface Temperature) sensors
- UWB

Please limit your answers to maximum 2-3 pages and favour responding through associations as far as possible.

- I) Explain impact of possible future usage of the upper 6GHz for MFCN and/or WAS/RLAN on existing services:
 - 1) What are your current and future spectrum needs (before and beyond 2030) in the upper 6GHz band?
 - 2) What impact on your service do you expect from the introduction of MFCN and/or WAS/RLAN in the upper 6GHz band?
 - 3) What measures could improve compatibility from your perspective?