

22 November 2018

EBU Response to RSPG Strategic Spectrum Roadmap towards 5G for Europe DRAFT RSPG Opinion on 5G implementation challenges (RSPG 3rd opinion on 5G)

The EBU¹ welcomes the opportunity to respond this consultation on the RSPG Opinion on 5G implementation challenges.

Broadly, the EBU supports RSPG's efforts to establish a clear framework for the future deployment of 5G networks. EBU members expect that 5G technologies will play a part in both production and distribution of their content and services in the future, and the EBU has been engaging with the ITU-R and 3GPP as well as in 5G-PPP research to ensure that the technologies are suitable for its members' needs.

Furthermore, the EBU members are of the view that, beyond the technical performance of the technology, wide adoption of 5G by vertical industries will depend on its ability to meet a number of other requirements, including operational, security, commercial and regulatory requirements pertinent to the concerned vertical sectors as well as adequate network coverage.

Whilst public 5G networks operated by mobile operators will provide connectivity to a range of vertical users, there might be a number of different use cases that are better served by other deployment models, such as private 5G networks (e.g. within a campus or a venue) possibly specialised for particular vertical sectors or use cases. Such private networks could be deployed by the third-party providers or by vertical users themselves, whether in the EU harmonised ECS bands or in dedicated spectrum for verticals.

Therefore, the EBU fully supports the RSPG recommendation that Member States consider spectrum solutions including dedicated or shared spectrum for the business/sectoral needs that may not be met by mobile operators.

¹ The European Broadcasting Union (EBU) is the world's leading alliance of public service media (PSM). We have 119 member organizations in 56 countries in Europe, and an additional 34 Associates in Asia, Africa, Australasia and the Americas. Our Members operate over 2,000 television, radio and online channels and services, and offer a wealth of content across other platforms. Together they reach an audience of more than one billion people around the world, broadcasting in more than 160 languages. The EBU operates Eurovision and Euroradio services.