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Electronic Communications Networks and Services
Radio Spectrum Policy Group
RSPG Secretariat

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RSPG20-016 FINAL

RADIO SPECTRUM POLICY GROUP

Progress Report of the RSPG Sub-Group on Additional spectrum needs and guidance on the fast rollout of future wireless broadband networks

RSPG work item: update to Plenary	
Work item	Challenges Additional spectrum needs and guidance on the fast rollout of future wireless broadband networks
Rapporteur/s	Bo Andersson, PTS, Sweden, Tassos Lyratzis, EETT, Greece
Rationale	<p>5G is the most important evolution of wireless broadband in the near future. The RSPG has developed three Opinions as its strategic roadmap towards 5G for Europe, in which it has identified 5G pioneer bands and addressed implementation challenges for 5G:</p> <ul style="list-style-type: none"> • RSPG Opinion on spectrum related aspects for next-generation wireless systems (5G), 30 November 2016 • RSPG Second Opinion on 5G networks (Strategic Spectrum Road Map Towards 5G for Europe), 30 January 2018 • RSPG Opinion on 5G implementation challenges (RSPG 3rd opinion on 5G), 30 January 2019. <p>The commercial launch of 5G in Europe has started. Within this work item, the RSPG will further investigate additional spectrum and harmonisation needs (coverage, capacity and innovation) as well as authorisation regimes within the remits of the EECC for successful deployment, taking into account bands identified at WRC-19.</p>
Scope	<p>Regarding the pivotal role of wireless broadband, the RSPG will consider additional spectrum as well as the necessity to make a certain amount of harmonised spectrum available by 2025/2030.</p> <p>RSPG will carry on to engage in the sharing of information and experience in support of a successful roll-out of 5G in the EU, including questions related to the measurement of EMF-limits (i.e. transparency and acceptance), and provide targeted guidance on authorisation and implementation issues, if need is identified.</p>
Planned deliverables and timing	<p>RSPG Opinion(s) or Report(s) as appropriate.</p> <p>High-level workshops addressing the entire industry including verticals, could also be envisaged and used to facilitate these deliverables.</p> <p>Time schedule</p> <ul style="list-style-type: none"> • Draft Opinion: October 2020 • Final Opinion: January 2021
Analytical approach	<p>Identify the challenges from a European perspective regarding what is necessary in order to launch and implement future wireless broadband networks.</p> <p>Analyse both on a policy level as well as on a level covering different spectrum bands and technologies.</p>

	<p>Consider what applications and services European consumers will want to have to access to.</p> <p>Consider the use cases and future applications and services in demand from different vertical industries in Europe.</p> <p>Assess possible constraints on these developments depending on the availability of different spectrum bands.</p>
Project plan	<p>Phase 1 – Information gathering (including stakeholder engagement)</p> <p>Phase 2 – Analysis and assessment</p> <p>Phase 3 – Review conclusions (including stakeholder engagement)</p> <p>Phase 4 – Conclude and report</p>
Dependencies	<p>We plan to have regular discussions with the rapporteurs for the <i>Peer review and Member States cooperation on authorisations and awards</i> work item and possibly joint meetings / workshops to ensure we share information and align the work as appropriate.</p> <p>In the same manner, the work could also be related to the RSPG work items on <i>Good offices</i> and <i>New Radio Spectrum Programme (RSPP)</i>.</p>

Members, stakeholders and resources

Members	<p>Austria, RTR</p> <p>Croatia, HACOM</p> <p>Czech Republic, CTU</p> <p>Denmark, Danish Energy Agency</p> <p>EU, DG CNECT</p> <p>Finland, Ficora</p> <p>France, ANFR</p> <p>France, ARCEP</p> <p>France, Ministere des finances</p> <p>Germany, BNetzA</p> <p>Germany, BMVI BUND</p> <p>Greece, EETT</p> <p>Greece, Ministry of Digital Policy</p> <p>Hungary, NMHH</p> <p>Ireland, DCENR</p> <p>Ireland, COMREG</p> <p>Italy, AGCOM</p> <p>Luxembourg, SMC</p> <p>Malta, MCA</p> <p>Norway, NKOM</p> <p>Poland, Ministry of Digital Affairs</p> <p>Portugal, ANACOM</p> <p>Serbia, RATEL</p> <p>Slovenia, AKOS</p> <p>Spain, Minetur</p> <p>Sweden, PTS</p> <p>The Netherlands, Minez</p> <p>Turkey, BTK</p>
Key stakeholders	<p>Telecom operators</p> <p>Vertical industries</p> <p>Equipment suppliers</p>

Other resources	
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Work flow (internal and external milestones)

Date	Action / deliverable	Internal Sub-group only	External Plenary, Publication
Year 2020			
24 March (Webex)	First meeting of sub-group – discuss scope and plan following new <i>RSPG Work Programme</i> and new work item on <i>Additional spectrum needs and guidance on the fast rollout of future wireless broadband networks</i>	Sub-group	
12 May (Webex)	Second meeting of sub- group – discuss draft survey to member states on additional spectrum needs and experiences from rollout of wireless broadband networks. - discuss draft position paper on EMF.	Sub-group	
29 May (Webex)	Ad hoc meeting for the finalization of the RSPG position paper on EMF	Sub-group (short notice)	
9 June	Progress of work presented to Plenary	Rapporteur	Plenary
Future dates and actions to be decided in light of work plan			