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25 YEARS
OF ACHIEVEMENTS



Expert Meeting: Electromagnetic Field Level and 5G Roll-out

2-3 November 2017

Viale America 201, Eur Roma, Rome, Italy

*This meeting is organized by the Telecommunication Development Bureau (BDT) of the International Telecommunication Union (ITU) in cooperation with the Ministry of Economic Development of Italy, within the framework of the **ITU Regional Initiative for Europe on Development of Broadband Access and Adoption of Broadband**, adopted by the World Telecommunication Development Conference 2014 (WTDC-14), Dubai, and in follow up to the Regional Seminar on Spectrum Management and Broadcasting held on 29-30 May 2017 in Rome where one of the outcomes was to collect case studies of countries and assist them in the adoption of policies and legislations that do not negatively affect the rollout of mobile broadband networks, in particular 5G networks..*

The expert meeting aims at generating an exchange of views and experiences to identify current practices and proposed future collaborative actions in addressing Electromagnetic Field (EMF) levels without slowing down 5G deployment. The meeting will bring together stakeholders to present country cases as well as specialized actors to present perspectives such as the health, environmental and technological issues.

Thursday 2 November

14:00 – 15:30 Welcome

- Dr Eva Spina, Director General for Planning and Management of Spectrum at the Ministry of Economic Development, Italy
- Mr Jaroslaw Ponder, Head of ITU Office for Europe

Problem Definition & Discussions

- Studies on Electromagnetic field measurements to assess human exposure by Mr Philippe Aubineau, Counsellor, ITU-R Study Groups
- ITU-T Study Group 5 work by Mr Fryderyk Lewicki, WP1/5 Chairman
- Relevant WTDC-17 outcomes by Mr Istvan Bozsoki, Head of Telecommunication Networks and Spectrum Management Division, BDT, ITU

15:30 – 16:00 Coffee Break

16:00 – 18:00 Case Analysis & Discussions

- Country Case Study I – Italy by Dr Mario Frullone, Fondazione Ugo Bordoni
- Country Case Study II – Switzerland by Mr Dirk-Oliver Von Der Emden, Advisor,





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- Country Case Study III – Poland by Mr Aleksander Sołtysik, Chief Policy Expert, Ministry of Digital Affairs
- Country Case Study IV – Hungary by Mr József Krausz, Technology Engineer, National Media and Infocommunications Authority
- Country Case Study V – Croatia by Ms Ivančica Sakal, head of Radio Communications Department, HAKOM
- Open discussion facilitated by ITU Expert

Friday 3 November

09:00 – 11:00 Case Analysis & Discussions

- Country Case Study VI – Serbia by Mr Aleksandar Borić, Regulatory Agency for Electronic Communications and Postal Services (RATEL)
- Country Case Study VII – Georgia by Mr Sergo Shavgulidze, Georgia National Communications Commission
- Country Case Study VIII – Montenegro by Ms Vesna Popović, Agency for Electronic Communications and Postal Services (EKIP)
- Industry perspective – by Mr Alon Zhelktov, ATDI
- Open discussion facilitated by ITU Expert

11:00 – 11:30 Coffee Break

11:30 – 12:00 Impact of 5G on mobile network topologies & Discussions

- 5G technology by Dr Jack Rowley, Senior Director Research & Sustainability GSMA
- Open discussion facilitated by ITU Expert

12:00 – 13:00 Analysis of replies obtained to questionnaire

- Mr Dirk-Oliver Von Der Emden, Advisor, Office Fédéral de la Communication, OFCOM
- Open discussion facilitated by ITU Expert

13:00 – 14:00 Lunch Break

14:00 – 15:30 Structuring Practices and Challenges

- Mr Dirk-Oliver Von Der Emden, Advisor, Office Fédéral de la Communication, OFCOM
- Mr Istvan Bozsoki, Head of Telecommunication Networks and Spectrum Management Division, BDT, ITU
- Open discussion facilitated by ITU Expert

15:30 – 16:00 Coffee Break

16:00 - 17:30 The Way Forward

- Open discussion facilitated by Ms Rosheen Awotar-Mauree, Programme Officer, ITU Office for Europe





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