

Towards 5G Enabled Gigabit Society

11-12 October 2018 | Athens, Greece

ITU Forum Organized within the Framework of the ITU Regional Initiative for Europe on Broadband Infrastructure, Broadcasting and Spectrum Management and hosted by

Ministry of Digital Policy, Telecommunications & Media of Greece

DRAFT AGENDA

Thursday, 11 October 2018

8:30 – 9:00	Registration and Networking Coffee
9:00 – 9:45	Opening Ceremony Moderation: Mr Jaroslaw Ponder, Head of ITU Office for Europe, ITU Opening Addresses <ul style="list-style-type: none"> • H.E. Nikos Pappas, Minister of Digital Policy, Telecommunications and Media, Greece • Dr. Chaesub Lee, Director, Telecommunication Standardization Bureau, International Telecommunication Union • Dr. Vassilis Maglaras, Secretary General for Telecommunication and Post, Ministry of Digital Policy, Telecommunications and Media, Greece • Ms. Mariya Gabriel, Commissioner for Digital Economy and Society, European Commission (Special Message)
9:45 - 10:00	Setting the Context <ul style="list-style-type: none"> • Dr. Chaesub Lee, Director, Telecommunication Standardization Bureau, International Telecommunication Union
10:00 – 10:30	Group Photo & Coffee Break



10:30 – 11:45 Session 1: National Policies and Strategies for 5G**Moderation:** Jaroslaw Ponder, Head of ITU Office for Europe, ITU**Panelists**

- **Dr. Georgios Pantos**, Head of Directorate of Broadband and Telecommunication Networks, Ministry of Digital Policy, Telecommunications and Media, Greece | *"The Evolution of the National Broadband Plan for 5G Deployment"*
- **Mr. Dimitar Dimitrov**, Acting Director of Communications Directorate, Ministry of Transport, Information Technology and Communication, Bulgaria
"Bulgarian policy and strategy for 5G"
- **Ms. Franziska Schill**, Policy advisor, Division DG 12 - Spectrum policy, Federal Ministry for Transport and Digital Infrastructure (BMVI), Germany | *"Making 5G a success in Germany"*
- **Dr. Irini Reljin**, Acting Assistant Minister for Electronic Communications and Postal Services Ministry of Trade, Tourism and Telecommunications, Republic of Serbia | *"Plans for 5G Implementation in Serbia"*
- **Mr. Franz Ziegelwanger**, Head of Telecommunications Technical Unit, Ministry for Transport, Innovation and Technology Section III, Austria | *"5G Strategy - Austria's way to become a 5G pioneer in Europe (Accelerating the rollout of 5G mobile technology with optimised framework conditions - Seizing opportunities for citizens, the economy, industry and science)"*
- **Mr. Akos Bona**, Digital Champion of Hungary to the European Union | *"5G coalition"*
- **Dr Ioannis Neokosmidis**, InCities, Luxembourg | *"Devising Luxembourg's national 5G strategy"*
- **Mr. George Stefanopoulos**, General Director, Association of Mobile Telecom Operators, Greece | *« Greece towards a "mobile first" digital strategy: Prospects & Requirement»*

Technical Break**11:45 – 12:00 Special Address from BEREC:**

- **Dr. Konstantinos Masselos**, President of EETT, Greece

12:00 – 13:15 Session 2: Evolving Regulatory Frameworks Fostering 5G Implementation**Moderation:** Dr. Aggeliki Sgorra, Vice-President, EETT, Greece**Panelists**

- **Dr. Konstantinos Masselos**, President of EETT, Greece



- **Mr. João Miguel Coelho**, Vice-Chairman of the Board of ANACOM, Portugal
- **Mr. Donald Stockdale**, Chief of the Wireless Telecommunications Bureau at the Federal Communications Commission (FCC), USA
- **Mr. Martin Fenton**, Policy Projects Director, OFCOM, UK
- **Mr. Branko Mirkovic**, Head of Networks, Services & Electronic Equipment Division, RATEL, Serbia
- **Mr. Mauro Martino**, Head of Telecommunications Spectrum Office, AGCOM, Italy | *"Regulation and award of 5G pioneer bands in Italy"*
- **Ms. Marta Capelo Gaspar**, Director of Public Policy, European Telecommunication Network Operators Association (ETNO)

13:15 – 14:00 Lunch

14:00 – 16:00 Session 3: Future Networks and 5G

This session focuses on Standardisation and Technology issues of the 5G networks of the future, new infrastructure models

Moderation: Mr Vladimir Daigle, Programme Officer, Information and Communication Infrastructure and Technology Development Division, ITU

Panelists:

- **Dr. Luca Pesando**, ITU-T WP1/13 Co-chairman and Former Chair of Focus Group IMT 2020, Telecom Italia
- **Dr. Panagiotis Demestichas**, Professor University of Piraeus School of Information and Communication Technology Department of Digital Systems Telecommunication Networks and integrated Services (TNS) Laboratory | *“Future Networks for Transforming Utilities, Transportation and Smart City Ecosystems”*
- **Dr. Christos Raptis**, Head of EMF Control & Measurements Section, COSMOTE, OTE GROUP
- **Ms. Maria Guta**, Senior Telecommunication Systems Engineer, European Space Agency Senior 5G SatCom Solutions Architect | *“Satellite for 5G - Tomorrow's connected world”*
- **Dr. Maziar Nekovee**, Professor of Telecommunication and 5G Mobile Technology, Head of Department of Engineering and Product Design, at University of Sussex, UK, 5G-IA/5G PPP
- **Mr. Ulrich Rehfuess**, Head of Spectrum Policy, Nokia | *“5G and Industry 4.0”*
- **Dr. Evangelia Tzifa**, Director, Networks, Ericsson | *“5G: A Game Changer”*
- **Mr. Aris Kikis**, Wireless Solution Sales Manager, Huawei Technologies S.A. | *“Digital Society in 5G Era”*
- **Dr Sergios Soursos**, Senior R&D Engineer at Intracom Telecom, Greece | *“Towards the roll-out of highly customizable Future 5G Networks”*



16:00 – 16:30 Coffee Break**16:30 – 17:30 Session 4: Implementation of 5G Pilot Projects**

This session will focus on presentation of 5G pilot projects

Moderation: Mr. Vladimir Diagele, Programme Officer, Information and Communication Infrastructure and Technology Development Division, ITU

Panelists:

- **Dr. Panagiotis Demestichas**, Professor University of Piraeus School of Information and Communication Technology Department of Digital Systems Telecommunication Networks and integrated Services (TNS) Laboratory
5G-EVE: <https://www.5g-eve.eu/> and <https://5g-ppp.eu/5g-eve/>
- **Dr. Tasos Kourtis**, Research Director, Acting Vice Director, Institute of Informatics and Telecommunications of NCSR “Demokritos”
5GENESIS: <http://5genesis.eu/> και <https://5g-ppp.eu/5genesis/>
- **Dr. Alexandros Stavdas**, Full Professor in optical systems and networking, Department of Informatics and Telecommunications, University of Peloponnese
METRO-HAUL: <https://metro-haul.eu/>
- **Dr. Anastasios Zafeiropoulos**, Senior R&D Architect, UBITECH Ltd
MATILDA: <http://www.matilda-5g.eu/>
- **Dr. Spyros Denazis**, Assoc. Professor, Electrical and Computer Engineering Department, University of Patras | 5G – VINNI: A Pan European 5G End-to- End E2E Facility for Supporting Verticals
5G-VINNI: <http://www.5g-vinni.eu>

17:30 – 18:00 Summary of Discussions and Main Take-Aways

Friday, 12 October 2018

8:30 – 9:00 Welcome**9:00 – 11:00 Session 5: Spectrum Issues Related to 5G**

This session will focus on spectrum related issues as well as preparatory process towards WRC-19 and 5G, broadcasting issues and 5G, 5G spectrum

Setting the Context and Moderation: Mr David Botha, Counsellor for ITU-R Study Group 3 (SGD/SG3), Radiocommunication Bureau, ITU

Panelists:

- **Mr. Branimir Stantchev**, Head of Sector, Spectrum for Wireless Broadband, European Commission | *"Spectrum for 5G: EU-level Developments"*
- **Dr. Vassilis Milas**, Vice Chairman ECC PT1, CEPT / Spectrum Management Department EETT | *"Spectrum Bands for 5G: Current status of technical work in ECC PT1 and EETT"*
- **Mr. Didier Chauveau**, Deputy Director, National Agency for Frequency Management, France | *"Making spectrum available for 5G : feedback from France"*
- **Ms. Aarti Holla**, Secretary General, ESOA (remote intervention)
- **Mr. Mike Nugent**, Head of TV Department at ERT, Representative of EBU
- **Mr. Laurent Bodusseau**, Senior Director, GSMA
- **Mr. Ulrich Rehfuess**, Chair of Spectrum Working Group, DIGITALEUROPE | *"5G Spectrum Policy Recommendations"*
- **Mr. Pavel Mamchenkov**, Megafon, Russia
- **Mr. Thomas Krenz**, Product Manager, Responsible for Spectrum Monitoring Systems, Rohde-Schwarz, Germany

11:00 – 11:30 Coffee Break

11:30 – 13:00 Session 6: Challenges and Opportunities in the Telecom Sector Implementing 5G

Moderation: Mr. Jaroslaw Ponder, Head of ITU Office for Europe, ITU

Panelists:

- **Mr. Luc Hindryckx**, Director General, ECTA - European Competitive Telecommunications Association
- **Mr. Antonio Amendola**, Executive Director, EMEA Regulatory Affairs AT&T | *"Fostering a Positive Policy Environment to Support Investment and Innovation"*
- **Mr George Onopas**, Access Network Director Fixed and Mobile, OTE GROUP
- **Mr. Nikolaos Plevris**, Head of Transmission & Transport Engineering , VODAFONE GROUP
- **Mr. Antonis Tzortzakakis**, Chief Strategy Officer, Wind

13:00 – 14:00 Lunch

14:00 – 15:15 Session 7: 5G for Smart Cities

Moderation: Mr Vladimir Daigle, Programme Officer, Information and Communication Infrastructure and Technology Development Division, ITU

Panelists:



- **Mr. Ioannis Ch. Saridakis**, Head of Chemical Department, National Standardization Organization, Greece | «*Performance indicators of sustainable and smart cities - National Framework for Reporting*»
- **Mr. Paolo Gemma**, Chairman of WP2/5 Chairman, ITU-T Study Group 5 and Senior Specialist Energy & Infrastructure, Huawei
- **Mr. Leonidas Anthopoulos**, Smart City of Tricala, Greece
- **Mr. Risto Jurva**, Center for Wireless Communications (CWC), University of Oulu & City of Oulou, Finland
- **Mr. Mariano Lamarca i Lorente**, Smart Cities, Standardization and Infrastructures Manager, Knowledge Information and Digital Transformation Area, Information Technology Council Institute, Barcelona City Council, Spain
- **Mr. Jannis Nassoulis**, Director, Toll and Highway Operations, IBI Group

15:15 – 15:30 Coffee Break

15:30 - 16:30 Session 8: 5G for Connected and Automated Vehicles

Moderation: Dr. Angelos Amditis, Research Director of i-Sense Group, ICCS, NTUA, and ERTICO-ITS Europe Chairman, Greece

Panelists:

- **Ms. Nadia Katsanou**, Senior Advisor to the General Secretary of Telecommunications and Post, Minister of Digital Policy, Telecommunications and Media, Greece | “5G Balkan Corridor (Bulgaria – Greece - Serbia)”
- **Mr. Maxime Flament**, Chief Technology Officer, 5GAA | “5G deployment for V2X and CAD: it starts today to be ready tomorrow!”
- **Mr. Jim Beveridge**, Advisor to the CEP on Connectivity, ERTICO – ITS Europe
- **Mr. Joost Vantomme**, Smart Mobility Director at ACEA (European Automobile Manufacturers Association) (Remote Intervention)
- **Dr. Evangelos Mitsakis**, Senior Transport Engineer, Centre for Research and Technology Hellas (CERTH) / Hellenic Institute of Transport (HIT) | “Expected impacts of 5G on connected, cooperative and automated transport systems”

Technical Break

16:30 – 17:45 Session 9: Fostering 5G Innovation Ecosystem

Moderation: Ms. Nadia Katsanou, Senior Advisor to the General Secretary of Telecommunications and Post, Minister of Digital Policy, Telecommunications and Media, Greece

Panelists:

- **Mr. Achilleas Kemos**, Programme Officer, Future Connectivity Systems, European Commission





- **Mr. Mostafa Essa**, Vodafone & Vice-Chair of the ITU-T Focus Group on Machine Learning for Future Networks including 5G
- **Dr. Angeliki Alexiou**, Associate Professor, Department of Digital Systems, ICT School, University of Piraeus, Greece, Member of Steering Board, World Wireless Research Forum | *"Trends and Challenges in Wireless Innovation for 5G and Beyond"*
- **Dr. Tasos Kourtis**, Research Director, Acting Vice Director, Institute of Informatics and Telecommunications of NCSR "Demokritos"
- **Dr. Christoforos Kachris**, ICCS-NTUA | *"Acceleration of emerging telecom applications using FPGAs in the cloud"*
- **Ms. Maria Boura**, Director, Government and Industry Relations and Innovation, Ericsson Hellas | *"5G as Innovation Catalyst"*

17:45 – 18:00 Summary of Discussions and Closing Ceremony

- Mr. Jaroslaw Ponder, Head of ITU Office for Europe, ITU
- Ministry of Digital Policy, Telecommunications and Media, Greece

