**Telecommunication
Development Bureau (BDT)**

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Administrations of ITU Member States,
Regulators, ITU-D Sector Members and
Academia members in Europe

Subject: **ITU Centres of Excellence online training course on Technical, Business and Regulatory Aspects of 5G network, 30 September – 7 October 2019**

Dear Sir/Madam,

I am pleased to invite your organization to participate in the online training course on **"Technical, Business and Regulatory Aspects of 5G network"** to be conducted **from 30 September to 7 October 2019**. This course is organized jointly by the International Telecommunication Union and the National Institute of Telecommunications of Poland as part of the Wireless & Fixed Broadband programme under the auspices of the ITU Centres of Excellence for Europe. The training will be delivered in English through the ITU Academy platform.

This online training course aims to discuss technical, business and regulatory aspects of the 5G mobile networks. It includes transition from 4G mobile technology towards the 5G, considering the access and core networks as well as end-user services. As the mobile broadband Internet will continue beyond 4G with the next generation, i.e. 5G, the course will also cover issues related to IPv6 and its impact on 5G mobile networks. Moreover, the course will address M2M (Machine-to-Machine) and mobile Internet of Things (IoT) services in the future 5G mobile environments, as well as mobile cloud computing implementations. It will include issues related to the spectrum management for IMT (International Mobile Telecommunications) including the 5G considerations. The QoS in mobile networks going from 3G/4G mobile world towards the 5G will continue to be important, hence this course will also focus on QoS and QoE in next generation mobile environments. Finally, the course will focus on emerging services and applications in 5G mobile networks in different verticals, including technology, as well as their business and regulation aspects.

Detailed information on this training course is described in the course outline which can be downloaded from the ITU Academy portal at the following link http://academy.itu.int/.

The course is targeted at managers, engineers and employees from regulators, government organisations, telecommunication companies and academia, who are interested in understanding, implementation and regulation of technical, business and regulatory aspects of 5G network, including technologies, standardization, regulation and content. Other institutions and individuals that are dedicated in building their capacity related to technical, business and regulatory aspects of 5G network are also welcome to participate.

Registration should be made online at the aforementioned link no later than **30 September 2019**. Payment details are specified in the training course outline.

Mr. Jaroslaw Ponder, Head of the ITU Office for Europe, is at your full disposal should you require any additional information.

We look forward to your active participation in this training course.

Yours faithfully,

[Original signed]

Doreen Bogdan-Martin
Director