

ITU Regional Development Forum for Europe (RDF-EUR)

Information and Communication Technologies for Attaining SDGs

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www.itu.int/en/ITU-D/Regional-Presence/Europe/Pages/Events/2018/RDF/

CONTRIBUTION BY Ministry of Economic Development, Italy

TITLE: 5G regional actions and twinning possibility

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Europe Regional Initiative: EUR1: Broadband infrastructure, broadcasting

and spectrum management

Year(s) of implementation: 2018, 2019, 2020, 2021

Background

A pilot project on 5G roll out is ongoing in the following cities: Milano, Prato, L'Aquila, Bari and Matera with assignment of frequency for the period of 2017-2021 in band 3700-3800 MHz (with blocks of 100 MHz) assigned by 3 consortium comprising mobile operators, university, research centre, PMI etc, with pilot tests. Relevant document are at www.mise.gov.it/index.php/it/normativa/notifiche-e-avvisi/2036226-5g-avviso-pubblico-per-progetti-sperimentali

Before end of September 2018, 5G frequency assignment will be done through a public tender in the band 3600-3800 MHz, 26 GHz (1GHz) and for the band 700 MHz. The first two will be available by 1 December 2018 while the 700MHz will be available on 1 July 2022 since there is a need to release the actual television service operating in this band. The tender documents are being finalised.







The Ministry collaborated with on two highly beneficial and successful in 2017 namely

- Regional Seminar for Europe and CIS on "Spectrum Management and Broadcasting" held in May and attended by 70 participants representing 17 countries
- Expert meeting on Electromagnetic Field Level and 5G Roll-out held in November by 38 participants representing 15 countries

Proposal

• The Ministry looks forward to collaborating with ITU to host similar event possibly in 2019.



