

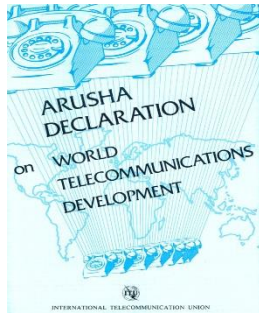


WTDC-17

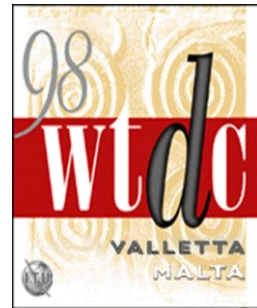
Fabio Bigi
TDAG Vice Chairman



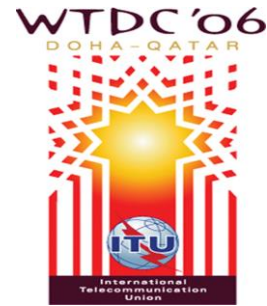
Journey of World Telecommunication Development Conference



1985



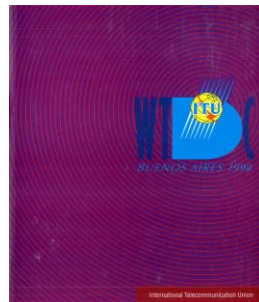
1998



2006



2014



1994



2002



2010



2017



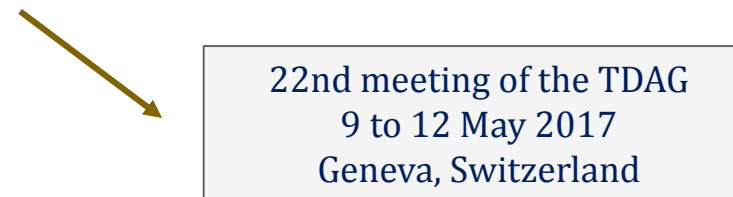
1. Regional Preparatory Meetings for WTDC-17 (RPMs)



2. ITU-D Study Groups Meetings



3. Telecommunication Development Advisory Group (TDAG)





ITU-D Strategic Plan for 2016-2019 objectives



D.1 Foster international cooperation on telecommunication/ICT development issues

D.2 Foster an enabling environment for ICT development and foster the development of telecommunication/ICT networks as well as relevant applications and services, including bridging the standardization gap

- **D.2-5: Enhanced awareness and capability of countries in the fields of frequency planning and assignment, spectrum management and radio monitoring, in efficient utilization of tools for managing the spectrum and in measurement and regulation related to human exposure to electromagnetic fields (EMF), and roll-out of relevant applications and services**

D.4 Build human and institutional capacity, provide data and statistics, promote digital inclusion and provide concentrated assistance to countries in special need

D.5 Enhance environmental protection, climate-change adaptation and mitigation, and disaster-management efforts through telecommunications/ICTs





Dubai Action Plan 2014



BDT works to strengthen national regulatory bodies in frequency planning and assignment, management and monitoring. It provides assistance in various aspects of spectrum management, including specialized tools for this purpose.

This will involve, in particular:

- continuing to maintain, update and expand the Spectrum Management System for Developing Countries (SMS4DC) software, providing technical assistance and conducting training activities for its deployment and use;
- providing spectrum-management assessments and recommended action plans for the further development of spectrum-management structures, procedures and tools, including new spectrum-sharing approaches, such as dynamic spectrum access;
- providing assistance on spectrum fee regimes, including identifying best practices and comparative data, as well as direct assistance in the establishment of such regimes; in the harmonization of regional spectrum allocations, including coordination procedures in border areas; and in the optimization and cost-effective use of spectrum-monitoring systems and networks.





Regional Initiatives 2014-2017

- EUR RI 1: **Spectrum management and transition to digital broadcasting**
- EUR RI 2: Development of broadband access and adoption of broadband
- EUR RI 3: Ensuring access to telecommunications/ICTs, in particular for persons with disabilities
- EUR RI 4: Building confidence and security in the use of telecommunication/ICTs
- EUR RI 5: Entrepreneurship, innovation and youth



EUR RI 1: Spectrum management and transition to digital broadcasting 2014-2017

Objective: To foster regional cooperation, mainly supplemented by direct assistance to the administrations in the process of analogue TV switch-off, and management of the frequencies in the digital dividend bands, which are to be utilized bearing in mind the most effective use of radio spectrum.



WTDC - 17



- **Theme:** ICT for Sustainable Development Goals" - ICT④SDGs.
- **What is discussed:** WTDCs set the **strategies** and **objectives** for the development of telecommunication/ICT, providing future direction and guidance to the ITU Telecommunication Development Sector (ITU-D).
- **Draft Agenda**
 - Report on the implementation of the **Dubai Action Plan**
 - **ICT Policies and strategies** for achieving **Sustainable Development Goals**
 - ITU-D workplan for 2018-2021
- **Expected outcomes**
 - Declaration reinforcing the political support for the mission and strategic objectives of ITU-D;
 - ITU-D Contribution to the ITU Strategic Plan for 2020-2023;
 - ITU-D Action Plan comprising regional initiatives;
 - New and revised resolutions, recommendations and questions to be studied for the ITU-D study groups.





Draft ITU-D contribution to the ITU Strategic Plan for 2020-2023: objectives



D.1 Coordination: Foster international cooperation and agreement on telecommunication/ICT development issues

D.2 Modern and secure telecommunication/ICT Infrastructure: Foster the development of infrastructure and services, including building confidence and security in the use of telecommunication/ICTs

- D.2-1 **Enhanced capacity of ITU Membership to make available resilient telecommunication/ICT infrastructure and services, including broadband and broadcasting, bridging the digital standardization gap, conformance and interoperability and spectrum management**

D.3 Enabling Environment: Foster an enabling policy and regulatory environment conducive to sustainable telecommunication/ICT development

D.4 Inclusive Digital Society: Foster the development and use of telecommunications/ICTs and applications to empower people and societies for socio-economic development and environmental protection





Buenos Aires Draft Action Plan 2017



Objective 2 – Modern and secure telecommunication/ICT Infrastructure: Foster the development of infrastructure and services, including building confidence and security in the use of telecommunications/ICTs

Outcomes	Performance Indicators	Outputs (Product and services)
Enhanced capacity of ITU Membership to make available resilient telecommunication / ICT infrastructure and services, including broadband and broadcasting, bridging the digital standardization gap, conformance and interoperability and spectrum management.	<ul style="list-style-type: none">- Number of Guidelines, Handbooks, assessment studies and publications finalized for the relevant subjects- Number of users/subscribers accessing the tools for the relevant subjects- Number of experts participating in trainings, Seminars, Workshops for the relevant subjects and their satisfaction	2.1 - Telecommunication/ICT infrastructure and services, including broadband and broadcasting, bridging the digital standardization gap, conformance and interoperability and spectrum management





Draft regional Initiatives for 2018 onwards

- RI-EUR 1: Broadband infrastructure, broadcasting and spectrum management
- RI-EUR 2: A citizen-centric approach to building services for national administrations
- RI-EUR-3: Accessibility, affordability, and skills development for all to ensure digital inclusion and sustainable social and economic development
- RI-EUR-4: Enhancing trust and confidence in the use of ICTs
- RI-EUR-5: ICT-centric innovation ecosystems



WTDC 2017 Draft Declaration

- Prepared using language that reflects a broader perspective that will be easily captured by people outside of ITU, in addition to Member States and Sector Members
- Focuses on the essential role that telecommunications/ICTs will have on the achievement of the Sustainable Development Goals, Targets and their transformative role in fostering sustainable development

Sustainable Development Goals

17 Goals to Transform our World





Draft regional Initiatives for 2018 onwards



EUR1: BROADBAND INFRASTRUCTURE, BROADCASTING AND SPECTRUM MANAGEMENT

Objective

To facilitate deployment of high speed connectivity with resilient and synergistic infrastructure sharing while ensuring a trusted and quality user experience.

Country assistance for

- Embracing ultra high speed broadband connectivity
- 5G/IMT 2020 roll out
- Deploying digital radio systems
- Managing Spectrum

To accelerate sustainable development in middle and long term





Draft regional Initiatives for 2018 onwards



Assistance to the countries in need in the following:

- 1) Development of plans (national and regional) and feasibility studies for deployment of ubiquitous resilient high speed connectivity, 5G/IMT2020 and digital radio deployment with all relevant components including legislations, standards, organizational set up, capacity building and cooperation mechanisms, as needed.
- 2) Sharing of guidelines on collaborative regulation between telecommunication sector and other synergistic sector such as energy (mechanisms for collaboration, regulatory incentives, financing, security and reliability, etc.), railway, transportation.
- 3) Assessment of dynamics, challenges and opportunities of roll outs of diverse broadband technologies across Europe – including mobile (4G, LTE, 5G/IMT2020), fixed (xDSL, G.Fast, fiber, etc.), cable TV, digital radio, power – in context of creation of ubiquitous resilient high speed broadband infrastructure.
- 4) Sharing of best practices and case studies in Cable TV, digital radio, 5G experience, early use cases and trends and NGA (Next Generation Access) network roll-outs.
- 5) Mapping of the ubiquitous infrastructure and services fostering harmonization of approaches across the region and taking into account infrastructure sharing approaches applied by countries.
- 6) Establishment of the quality of services systems and consumer protection frameworks. Development of plans for ICT for sustainable energy covering different types of ICT applications and innovations such as demand side management, electric cars, energy storage, etc. and how these applications relate to energy sector objectives improving energy efficiency, access, sustainability, affordability, climate change, etc.





Call for Specific actions for 2018-2021

- Tell us concrete actions you wish to take with ITU

JOIN US IN



ITUWTDC
BUENOS AIRES 2017
9-20 October

