Committed to connecting the world…

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WORLD TELECOMMUNICATION DEVELOPMENT CONFERENCE 2014

WTDC 2014 — UNITED ARAB EMIRATES — DUBAI, 30 MARCH - 10 APRIL

BROADBAND FOR SUSTAINABLE DEVELOPMENT

Opening Ceremony

30 March 2014

Mr Brahima Sanou, Director at Closing Ceremony

10 April 2014

Agenda

1. **About ITU and ITU-D**
2. **Recent Trends in Telecommunications/ICT**
3. **Highlights of WTDC-14**
4. **Dubai Declaration**
5. **ITU-D Contribution to the Draft ITU Strategic Plan**
6. **Dubai Action Plan**
7. **Working Methods**
8. **Financial Implications**
9. **Summary and impacts**

1. About ITU and ITU-D

About ITU

❑ **ITU** (International Telecommunication Union) is the United Nations **specialized agency for information and communication technologies (ICTs)**

❑ ITU was founded in Paris in 1865 as the International Telegraph Union. It took its present name in 1934, and in 1947 became a specialized agency of the United Nations

❑ ITU membership includes 193 Members States, along with regulators, leading academic institutions and some 700 private-sector entities (Sector Members)
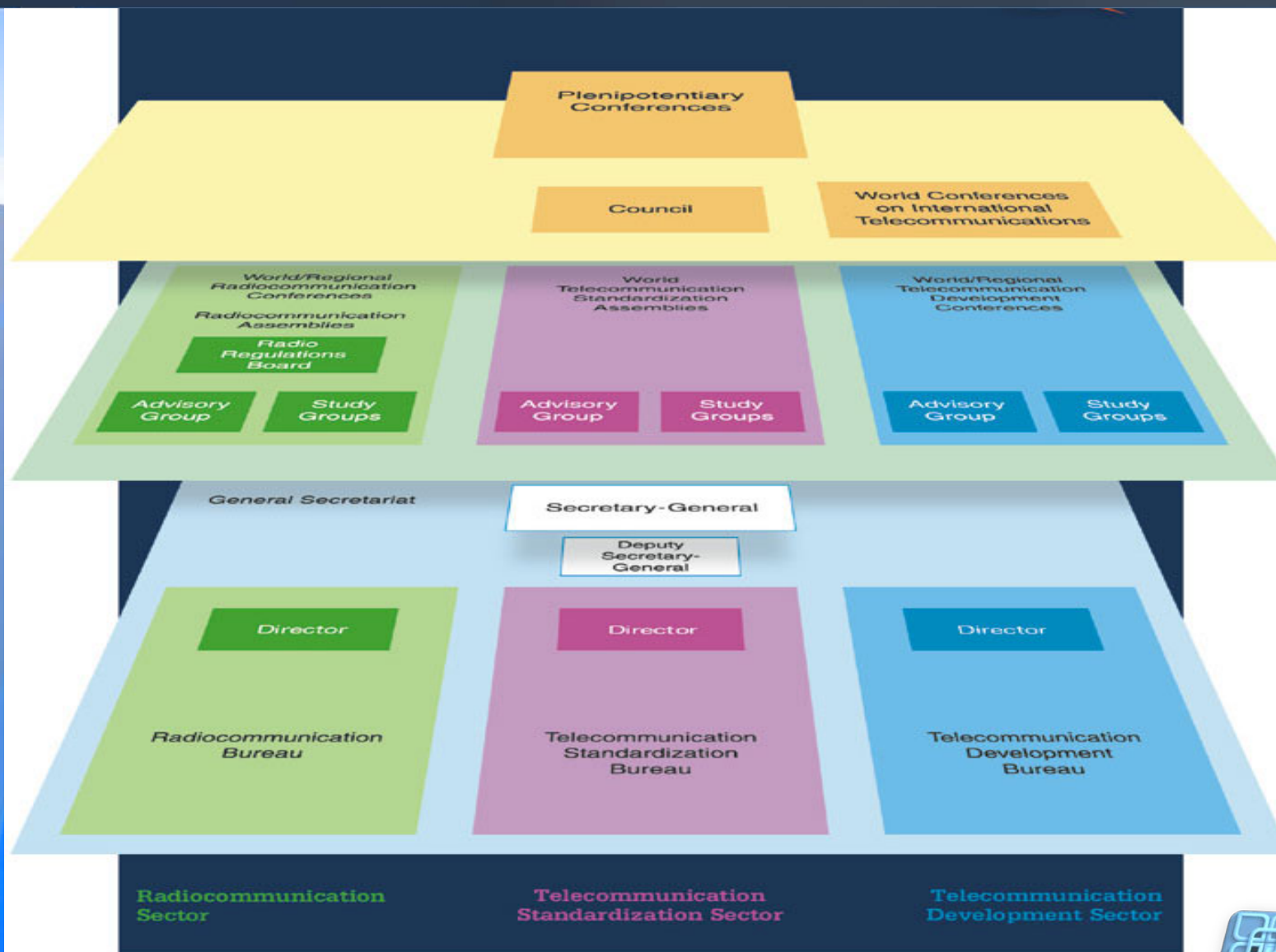
What Does ITU Do?

Three main areas of activities organized in 'Sectors' which work through conferences and meetings.

1. Radio-frequency allocation, satellite orbit management and access technologies
2. Standardization
3. Development

Major initiatives focus on:

- Climate change
- Emergency telecommunications
- Cybersecurity
- Accessibility
- Broadband

ITU Organization chart

ITU-D

❑ ITU-D (ITU Telecommunication Development Sector)'s core mission is:

to **foster international cooperation** and solidarity
in the delivery of **technical assistance** and
in the creation, development and improvement
of **telecommunication /ICT equipment and networks**
in developing countries.

❑ ITU-D has a **rich programme of activities**, covering **all segments of ICT development**.

❑ Activities are conducted either
through **ITU's headquarters** or
ITU's Regional and Area Offices.

2. Recent Trends in Telecommunications/ICT

1. Broadband to achieve economic growth

With more than **6.8 billion** mobile subscriptions worldwide, the impact of broadband is significantly reinforced by the power of the mobile revolution

2. Smart phones, mobile and broadband

The broadband is evolving **incredibly quickly**, especially with the advent of **mobile broadband**

Recent Trends in Telecommunications/ICT (2)

3. Growth of the developing world

With **90 per cent of the mobile growth** and over **80 per cent** of the growth in Internet users coming from the developing world over the past four years

We still have the huge challenge of bridging the '**broadband divide**'

3. Highlights of WTDC-14

Highlights of WTDC-14 - Regional Preparatory Process

In preparation of WTDC-14, **six regional preparatory meetings (RPMs)** were held in 2013:

o RPM for CIS Countries (18-21 February 2013)

o RPM for Asia-Pacific (29 April - 2 May 2013)

o RPM for the Americas (19-22 August 2013)

o RPM for Africa (1-4 October 2013)

o RPM for the Arab Region (28-31 October 2013)

o RPM for Europe (25-28 November 2013)

Highlights of WTDC-14 - Key Figures

- **Venue:** Dubai, United Arab Emirates

- **Dates:** Sun 30 March – Thu 10 April 2014

- **Theme:** *"Broadband for Sustainable Development"*

- **Participants:** over **1300** from **137** countries, and **82** Sector Members and other entities

- **High-Level Segment: 62** speakers

Highlights of WTDC-14 - Output documents

- Study Group Questions

4. Dubai Declaration

5. Contribution to Draft Strategic Plan
- 5 Objectives, etc.

- WTDC Res and Recs

6. Dubai Action Plan
- 5 Objectives, Outcomes, 15 Outputs, KPIs

- Regional initiatives

4. Dubai Declaration

Dubai Declaration - Highlights

Dubai Declaration:

- Highlighted that Universal and affordable access to telecommunications and ICTs is essential for the **world's economic, social and cultural development**

- Committed to accelerate the expansion and use of telecommunication/ICT infrastructure, services and applications, in particular broadband, as these are powerful tools of **economic growth and innovation**

- Called to all stakeholders for contributions towards the **successful implementation** of the **Dubai Action Plan**

Dubai Declaration (1)

- Promoting and making available, affordable and accessible broadband infrastructure

- Access to affordable, reliable and secure telecommunications/ICTs networks

- Increased participation of developing countries in ITU activities to bridge the standardization gap

- Effective and efficient spectrum management

- Transition from analogue to digital broadcasting

- Building widespread telecommunication/ICT literacy as well as human and institutional capacity

- Collection and dissemination of quality indicators and statistics

Dubai Declaration (2)

- ITU-D study groups should continue to contribute towards knowledge sharing and capacity building

- Building confidence, trust and security in the use of telecommunications/ICTs

- Disaster risk reduction, prediction, preparedness, mitigation and response

- Monitoring, predicting, mitigating and adapting to the adverse effects of climate change

- Assistance to the LDCs, LLDCs, SIDS and countries with economies in transition

- Strengthening of Public-private-partnerships (PPP)

5. ITU-D Contribution to the Draft ITU Strategic Plan

ITU-D Contribution to the Draft ITU Strategic Plan

- **WTDC-14 adopted the ITU-D contribution to the ITU Strategic Plan 2016-2019.**

- **Structure of the Strategic Plan**
  - Vision (ITU)
  - Mission (ITU)
  - Goals (ITU)
  - Situational Analysis (ITU-D)
  - 5 Objectives and 15 outputs (ITU-D)
  - Outcomes (ITU-D)

Input to the Draft Strategic Plan - Objective 1:

Foster international cooperation on telecommunication /ICT development issues

The purpose of **Objective 1** is to develop, agree and review the **work plan** for the **four-year development cycle**.

Related outputs:

1. World Telecommunication Development Conference (WTDC)
2. Regional preparatory meetings (RPMs)
3. Telecommunication Development Advisory Group (TDAG)
4. Study groups.

Input to the Draft Strategic Plan - Objective 2:

Foster an enabling environment conducive to ICT development and foster the development of telecommunication / ICT networks as well as relevant applications and services, including bridging the standardization gap

The main purpose of **Objective 2** is to assist the ITU membership in creating and maintaining an **enabling** telecommunication/ICT policy and regulatory **environment**.

Related outputs:

5. Policy and regulatory frameworks

6. Telecommunication/ICT broadband networks, including conformance and interoperability and bridging the standardization gap

7. Innovation and partnership.

Input to the Draft Strategic Plan - Objective 3:

Enhance confidence and security in the telecommunication/ICTs, and roll-out of relevant ICT applications and services

The purpose of **Objective 3** is to support the ITU membership in facilitating the development and improving access to **ICT-based applications and services**.

Related outputs:

8. Building confidence and security in the use of ICTs

9. ICT applications and services.

Input to the Draft Strategic Plan - Objective 4:

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

The purpose of **Objective 4** is to assist the ITU membership in **building human and institutional capacity** in the field of telecommunications/ICTs.

Related outputs:

10. Capacity building

11. Telecommunication/ICT statistics

12. Digital inclusion of people with specific needs

13. Concentrated assistance to least developed countries

Input to the Draft Strategic Plan - Objective 5:

Enhance environmental protection, climate change adaption and mitigation, and disaster management efforts through telecommunications / ICTs

The purpose of **Objective 5** is to assist the ITU membership by providing **assistance to developing countries** in **disaster risk reduction and prevention**

Related outputs:

14.   ICTs and climate-change adaptation and mitigation

15.   Emergency telecommunications

Input to the Draft Strategic Plan - Objectives and Outputs

Objectives

1	2	3	4	5
Foster international cooperation on telecommunication/ICT development issues	Foster an enabling environment conducive to ICT development and foster the deployment of telecommunication/ICT networks as well as relevant applications and services, including bridging the standardization gap	Enhance confidence and security in the use of telecommunications/ICTs, and roll-out of relevant applications and services	Build human and institutional capacity, provide data and statistics, promote digital inclusion and provide concentrated assistance to countries in special need	Enhance environmental protection, climate change mitigation and adaptation, and disaster management efforts through telecommunication/ICTs

Outputs

1.1 WTDC	2.1 Policy and regulatory frameworks	3.1 Building confidence and security in the use of ICTs	4.1 Capacity building	5.1 ICTs and Climate change adaptation and Mitigation
1.2 Regional Preparatory Meetings (RPMs)	2.2 Telecommunications/ICT networks, including conformance and interoperability and BSG	3.2 ICT applications and services	4.2 Telecommunication/ICT statistics	5.2 Emergency telecommunications
1.3 Telecommunication Development Advisory Group (TDAG)	2.3 Innovation and Partnership		4.3 Digital inclusion of people with specific needs	
1.4 Study Groups			4.4 Concentrated assistance to LDCs, SIDSs and LLDCs, including countries in special need	

6. Dubai Action Plan

Dubai Action Plan (1)

- The **Dubai Action Plan** is a comprehensive package that promotes the equitable, affordable, inclusive and sustainable development of telecommunication/ICT networks, applications and services.

Dubai Action Plan (2)

The Dubai Action Plan follows a **results-based management structure** based on the objectives of the ITU-D contribution to the ITU strategic plan.

The Dubai Action Plan (3)

ITU-D will develop **products and services** through its:

1. Programmes
2. Regional initiatives
3. Study Group Questions
4. WSIS action line facilitation
5. WTDC Resolutions and Recommendations

Implementation framework guidelines will apply to all elements of the implementation framework.

Programmes

Provide a coordination mechanism among all elements of the implementation framework

The Dubai Action Plan
2. Regional initiatives

Regional initiatives

Intended to address specific telecommunication / information and communication technology (ICT) priority areas, through partnerships and resource mobilization.

- **Africa**
- **Americas**
- **Arab States**
- **Asia-Pacific**
- **CIS**
- **Europe**

Asia-Pacific Regional initiatives

1. Special Consideration for Least Developed Countries (LDCs), Small Island Developing States (SIDS), including Pacific Islands Countries and Landlocked Developing Countries

2. Emergency Telecommunications

3. Harnessing the Benefits of New Technologies

4. Development of Broadband Access and Adoption of Broadband

5. Policy and Regulation

ITU-D study groups are responsible for developing **reports, guidelines and recommendations**

- **Study Group 1:**

   Enabling environment for the development of telecommunications/ICTs

- **Study Group 2:**

   ICT applications, cybersecurity, emergency telecommunications and climate-change adaptation

7. Working Methods

ITU-D working methods (1)

TDAG

- Revised Resolution 24 was adopted, authorizing the TDAG to act between WTDCs on specific matters assigned to it.

Study Groups

- Two ITU-D study groups were maintained, however with significantly revised terms of reference, working methods and scope of work.

- Terms of reference for each of the study group questions were updated.

ITU-D working methods (2)

Chairmen and Vice-chairmen TDAG

Chairman: Prof. Vladimir Minkin (Russian Federation)
Vice-Chairmen:
Mr Elie Djerambete (Republic of Chad)
Mr Ahmadou Traoré (Republic of Mali)
Mr Nicolás Karavaski (Argentine Republic)
Mr Héctor Edmundo Valdés Moreno (Mexico)
Mr Mohamed Saeed Ali Al Muathen Al Mazrooei (United Arab Emirates)
Mr Al-Ansari Al-Mashagbah (Hashemite Kingdom of Jordan)
Dr Bohyun Seo (Republic of Korea)
Mr Kishore Babu (Republic of India)
Mr Rufat Taghizadeh (Republic of Azerbaijan)
Ms Nurzat Bolzhobekova (Kyrgyz Repubic)
Mr Fabio Bigi (Italy)
Mr Dominique Würges (France)

ITU-D working methods (3)

Chairmen and Vice-chairmen Study Group 1

Chairman: Ms Roxanne McElvane (United States of America)
Vice-Chairmen:
Ms Regina Fleur Assoumou-Bessou (Republic of Côte d'Ivoire)
Mr Peter Ngwan Mbengie (Republic of Cameroon)
Mr Victor Martinez (Republic of Paraguay)
Ms Claymir Carozza Rodriguez (Bolivarian Republic of Venezuela)
Mr Wesam Al-Ramadeen (Hashemite Kingdom of Jordan)
Mr Ahmed Abdel Aziz Gad (Arab Republic of Egypt)
Mr Nguyen Quy Quyen (Socialist Republic of Viet Nam)
Mr Yasuhiko Kawasumi (Japan)
Mr Vadym Kaptur (Ukraine)
Mr Almaz Tilenbaev (Kyrgyz Republic)
Ms Blanca González (Spain)

Chairmen and Vice-chairmen Study Group 2

Chairman: **Dr Ahmad Reza Sharafat (Islamic Republic of Iran)**
Vice-Chairmen:
Ms Aminata Kaba-Camara (Republic of Guinea)
Mr Christopher Kemei (Republic of Kenya)
Ms Celina Delgado (Nicaragua)
Mr Nasser Al Marzouqi (United Arab Emirates)
Mr Nadir Ahmed Gaylani (Republic of the Sudan)
Ms Wang Ke (People's Republic of China)
Mr Ananda Raj Khanal (Federal Democratic Republic of Nepal)
Mr Evgeny Bondarenko (Russian Federation)
Mr Henadz Asipovich (Republic of Belarus)
Mr Petko Kantchev (Republic of Bulgaria)

8. Financial Implications

Financial Implications of the Decisions taken at WTDC-14

- **Estimated financial implications** of the decisions, resolutions or any other conclusions of the conference was considered.

- The financial implications were estimated to **CHF 7.9 millions** for the 2015-2019 timeframe.

- It was reminded that the actions called for in the resolutions with financial implications could be undertaken **subject to the availability of financial resources**.

Resolutions with Financial Implications (1)

- ❑ Resolution 1: Revision of deadlines for documentation, remote participation and study group website

- ❑ Resolution 17: Annual regional meeting on regional initiatives and projects in conjunction with regional development forum (RDF)

- ❑ Resolution 59: Establishment of an Inter-sectoral Coordination Team on issues of mutual interest

- ❑ Resolution 66: Organization of workshops and seminars for developing countries on environment and climate change issues

- ❑ Resolution 68: Assistance to indigenous peoples within the activities of the BDT in its related programmes - Development of best practices guidelines and related training

Resolutions with Financial Implications (2)

❑ New Resolution: Chairmen and Vice Chairmen of ITU-T Study Groups from developing countries to promote standardization activities and mobilize members at sub-regional groups through workshops, seminars and fora

❑ New Resolution: Electronic Working Methods (EWM) - First and second level of the website as well as all statutory related pages in 6 languages

❑ New Resolution: Organization of seminars and workshops to raise awareness of the health and environmental risks of using counterfeit devices and ways of limiting them, particularly in developing countries

9. Summary and Implications

Cooperation to Regional Initiatives

ICT for Development in the Asia-Pacific Region (ICTD-ASP):

❑ **Key Components of the Platform**

- Project Development & Implementation
- Partnership Resource Mobilisation
- Information & Knowledge Sharing Network

❑ **Key Subject Areas Identified**

- Universal Broad Connectivity and Rural Development
- E-Government and ICT Applications for Sustainable Development

❑ **Active Participation is Sought**

Summary and Implications

Summary:

❑ Dubai Declaration

❑ ITU-D Contribution to the Draft ITU Strategic Plan

❑ Dubai Action Plan

- **5** Objectives and **15** related Outputs
- Regional Initiatives
- WTDC Resolutions and Recommendations
- Study Group Questions

Implications:

❑ Dubai Declaration shows our commitment to **accelerate** the expansion of and **use of ICT**, in particular in **broadband**, to achieve **economic growth**

❑ Dubai Action Plan will give us **direction**, a **shared vision** and a **clear plan of action**

WTDC-14 Team

10 April 2014

WORLD TELECOMMUNICATION DEVELOPMENT CONFERENCE 2014

BROADBAND FOR SUSTAINABLE DEVELOPMENT

Yushi Torigoe
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International Telecommunication Union

Thank you !

Supplementary Slides

Highlights of WTDC-14 - Pre-events and Side events

➢ **Pre-events on Sat 29 Mar:**

- Executive Strategic Dialogue on Broadband for Sustainable Development

- Information Session on Strategic Planning and Results-Based Management

➢ **BDT Side events:**

In conjunction with WTDC-14, a series of side events are organized to address various ICT development themes

Highlights of WTDC - Conference Structure

- **Meeting of Heads of Delegation**
- **5 Committees and 1 Working Group**
  - **Committee 1**: Steering Committee
  - **Committee 2**: Budget Control
  - **Committee 3**: Objectives
  - **Committee 4**: ITU-D Working Methods
  - **Committee 5**: Editorial Committee
  - **Working Group**: ITU-D Strategic Plan and Declaration

Study Group questions Study Group 1 (1)

- New Question COM3/DD: Policy, regulatory and technical aspects of the migration from existing networks to broadband networks in developing countries

- Former Question 25/2: Broadband access technologies, including IMT, for developing countries

- New Question COM3/CC: Access to cloud computing: challenges and opportunities for developing countries

- Former Question 12-3/1: Economic policies and methods of determining the costs of services related to national telecommunication/ICT networks, including next-generation networks

Study Group questions
Study Group 1 (2)

o Former Question 10-3/2: Telecommunications/ICTs for rural and remote areas

o Former Question 18-2/1: Consumer information, protection and rights: Laws, regulation, economic bases, consumer networks

o Former Question 20-1/1: Access to telecommunication/ICT services by persons with disabilities and with specific needs

o Former Question 11-3/2: Examination of strategies and methods of migration from analogue to digital terrestrial broadcasting and implementation of new services in the digital dividend bands

Study Group questions
Study Group 2 (1)

Questions related to ICT applications and cybersecurity

o New Question COM3/AA: Creating the smart society: Social and economic development through ICT applications

o Former Question 14-3/2: Information and telecommunications/ICTs for e-health

o Former Question 22-1/1: Securing information and communication networks: Best practices for developing a culture of cybersecurity

o New Question COM3/BB: Assistance to developing countries for implementing conformance and interoperability programmes

Study Group questions
Study Group 2 (2)

Questions related to climate change, environment, and emergency telecommunications

- Former Question 22-1/2: Utilization of telecommunications/ICTs for disaster preparedness, mitigation and response
- Former Question 24/2: ICT and climate change
- Former Question 23/1: Strategies and policies concerning human exposure to electromagnetic fields
- Former Question 24/1: Strategies and policies for the proper disposal or reuse of telecommunication/ICT waste material
- Former Question 9-3/2: Identification of study topics in the ITU T and ITU R study groups which are of particular interest to developing countries