ITU-D Study Groups

Update on activities of ITU-D Study Group 1 and 2 for the 2014-2017 study period

About ITU-D Study Groups

ITU-D Study Groups: Overview

ITU-D Study Groups provide an opportunity for the Membership to <u>share experiences</u>, <u>present ideas</u>, <u>exchange views</u>, and <u>achieve consensus</u> on appropriate strategies to address telecommunication/ICT priorities.

ITU-D Study Groups focus specifically on those issues which are of <u>priority</u> to developing countries to support them in achieving their development goals.

❑ **<u>Knowledge platform</u>**: Study Group outputs serve as guidance for the implementation of policies, strategies, projects and specific telecommunication/ ICT initiatives in Member States and assist in strengthening the shared knowledge base.

❑ **<u>Information exchange</u>**: Sharing and exchanging information on topics of common interest and dedicated study Questions through face-to-face meetings, multilingual remote participation, online collaborative sites, etc. among members with the leadership of appointed Chairmen, Vice-Chairmen, Rapporteurs and Vice-Rapporteurs.

❑ **<u>Key deliverables</u>**: Reports, Guidelines, Best Practices and Recommendation based on input gathered through surveys, contributions and case studies, which are available to the membership through content management systems and web publication tools.

www.itu.int/ITU-D/study-groups/

ITU-D Study Groups: Scope of work

Study Group 1: Enabling environment for the development of telecommunications/ ICTs

- National telecommunication/ICT policy, regulatory, technical and strategy development, including **broadband**, as an engine for sustainable growth.
- Economic policies and methods of determining **costs** of telecoms/ICT services.
- Access to **cloud computing** services.
- Access to ICTs for rural/remote areas and to ICT services by **persons with disabilities & specific needs**.
- Consumer protection.
- Spectrum management, including the ongoing **transition from analogue to digital** terrestrial television broadcasting, and use of the **digital dividend**.

Study Group 2: ICT applications, cybersecurity, emergency telecommunications and climate change adaptation

- Telecommunications/ICT **services and applications**.
- Building confidence and **security** in the use of ICTs
- The use of telecommunications/ICTs in mitigating the impact of **climate change** on developing countries, and for natural **disaster preparedness**, mitigation and relief.
- **Conformance and interoperability** testing.
- **Human exposure to electromagnetic fields** and safe disposal of **electronic waste**.
- The implementation of telecommunications/ICTs, taking into account work by ITU-T and ITU-R, and the priorities of developing countries.

Detailed information on each of the study topics is available at:
www.itu.int/net4/ITU-D/CDS/sg/questions.asp?lg=1&sp=2014

ITU-D Study Group 1: Enabling environment for the development of telecommunications / ICTs – Questions (2014-17)

- **Question 1/1:** Policy, regulatory and technical aspects of the migration from existing networks to broadband networks in developing countries, including next-generation networks, m-services, OTT services and the implementation of IPv6

- **Question 2/1:** Broadband access technologies, including IMT, for developing countries

- **Question 3/1:** Access to cloud computing: Challenges and opportunities for developing countries

- **Question 4/1:** Economic policies and methods of determining the costs of services related to national telecommunication/ICT networks, including next-generation networks

- **Question 5/1:** Telecommunications/ICTs for rural and remote areas

- **Question 6/1:** Consumer information, protection and rights – Laws, regulation, economic bases, consumer networks

- **Question 7/1:** Access to telecommunication/ICT services by persons with disabilities and with specific needs

- **Question 8/1:** Examination of strategies and methods of migration from analogue to digital terrestrial broadcasting and implementation of new services

- **Resolution 9:** Participation of countries, particularly developing countries, in spectrum management

ITU-D Study Group 2: ICT applications, cybersecurity, emergency telecommunications and climate change adaptation – Questions (2014-17)

Questions related to ICT applications and cybersecurity:

- ☐ **Question 1/2:** Creating the smart society: Social and economic development through ICT applications

- ☐ **Question 2/2:** Information and telecommunications/ICTs for e-health

- ☐ **Question 3/2:** Securing information and communication networks: Best practices for developing a culture of cybersecurity

- ☐ **Question 4/2:** Assistance to developing countries for implementing conformance and interoperability programmes

Questions related to climate change, environment, emergency telecommunications:

- ☐ **Question 5/2:** Utilization of telecommunications/ICTs for disaster preparedness, mitigation and response

- ☐ **Question 6/2:** ICT and climate change

- ☐ **Question 7/2:** Strategies and policies concerning human exposure to electromagnetic fields

- ☐ **Question 8/2:** Strategies and policies for the proper disposal or reuse of telecommunication/ICT waste material

Question 9/2: Identification of study topics in the ITU-T and ITU-R study groups which are of particular interest to developing countries

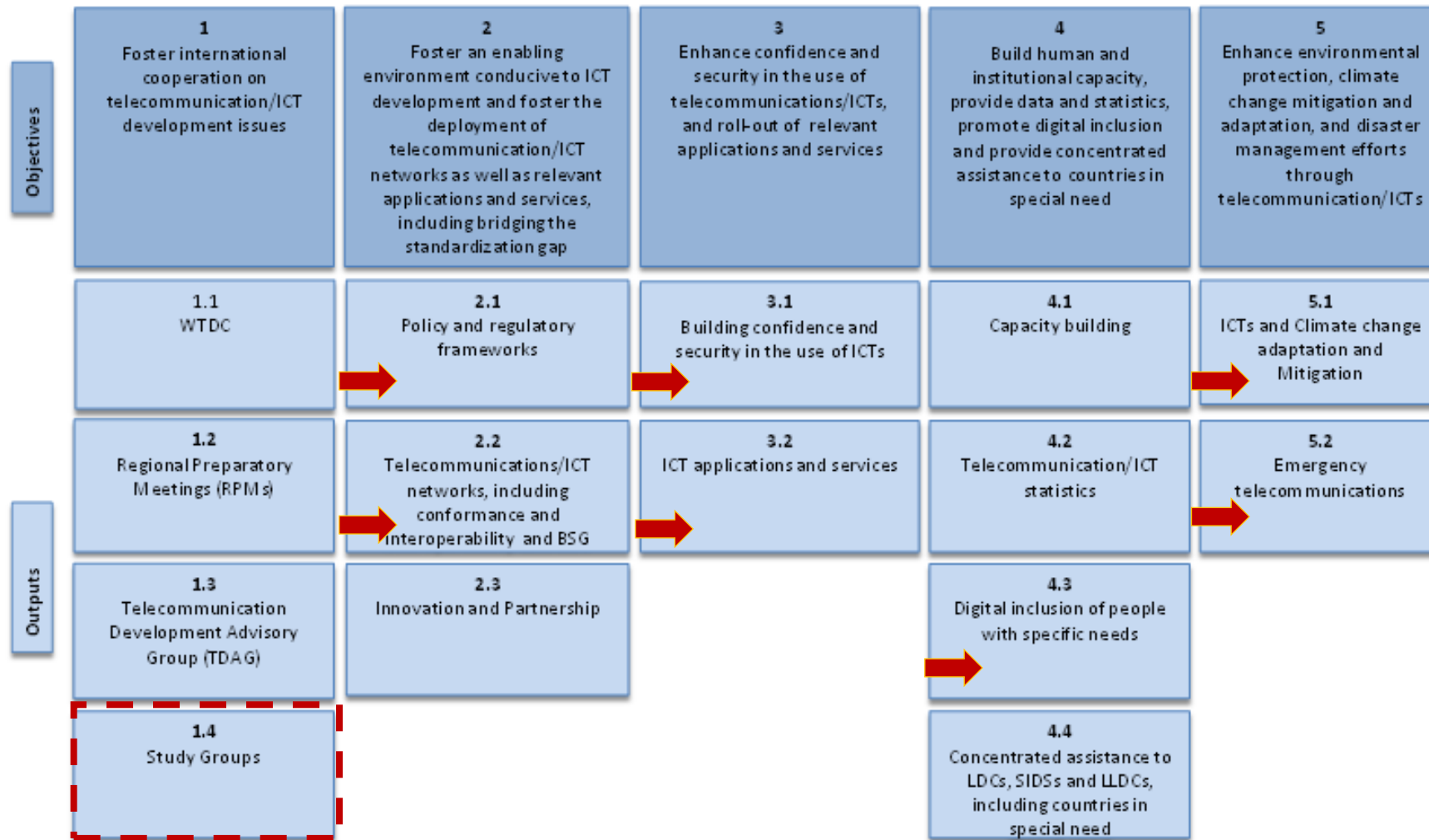# Overview of where the ITU-D Study Groups fit in

ITU-D: Development Sector

ITU-D strategic objectives:

- Foster international cooperation on telecommunication/ICT development issues.
- 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.
- 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 adaptation and mitigation, and disaster-management efforts through telecommunications/ICTs.

ITU-D outputs and the implementation framework are further detailed in the Dubai Action Plan, endorsed by the World Telecommunication Development Conference 2014

ITU-D: Study Groups

Objectives

1 Foster international cooperation on telecommunication/ICT development issues	2 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	3 Enhance confidence and security in the use of telecommunications/ICTs, and roll-out of relevant applications and services	4 Build human and institutional capacity, provide data and statistics, promote digital inclusion and provide concentrated assistance to countries in special need	5 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	

Study Group 1 and 2 management teams

ITU-D Study Groups: SG1/SG2 Management teams

Study Group 1 Chairman:

- Ms Roxanne MCELVANE (United States of America)

Vice-Chairmen:

- Ms Regina Fleur ASSOUMOU-BESSOU (Côte d'Ivoire)
- Mr Peter Ngwan MBENGIE (Cameroon)
- Mr Victor MARTINEZ (Paraguay)
- Ms Claymir Carozza RODRIGUEZ (Venezuela)
- Mr Wesam AL-RAMADEEN (Jordan)
- Mr Ahmed Abdel Aziz GAD (Egypt)
- Mr Nguyen Quy QUYEN (Viet Nam)
- Mr Yasuhiko KAWASUMI (Japan)
- Mr Vadym KAPTUR (Ukraine)
- Mr Almaz TILENBAEV (Kyrgyz Republic)
- Ms Blanca GONZÁLEZ (Spain)

Study Group 2 Chairman:

- Dr Ahmad Reza SHARAFAT (Islamic Republic of Iran)

Vice-Chairmen:

- Ms Aminata KABA-CAMARA (Guinea)
- Mr Christopher KEMEI (Kenya)
- Ms Celina DELGADO (Nicaragua)
- Mr Nasser AL MARZOUQI (United Arab Emirates)
- Mr Nadir Ahmed GAYLANI (Sudan)
- Ms Ke WANG (People's Republic of China)
- Mr Ananda Raj KHANAL (Nepal)
- Mr Evgeny BONDARENKO (Russian Federation)
- Mr Henadz ASIPOVICH (Belarus)
- Mr Petko KANTCHEV (Bulgaria)

Appointed by WTDC-14

SG1/SG2 Mgmt team: List of Rapporteurs

Study Group 1:

- **Q1/1:** Dr William Kyoungyong JEE from Korea (Rep. of) [ASP][*Co-Rapporteurship is being proposed*]
- **Q2/1:** Mr Luc MISSIDIMBAZI from Congo (Rep. of) [AFR]
- **Q3/1:** Mr Nasser KETTANI from Microsoft Corporation, USA [AMS]
- **Q4/1:** Mr Amah Vinyo CAPO from Togo [AFR]
- **Q5/1:** Mr Shuichi NISHIMOTO from Japan [ASP]
- **Q6/1:** Dr Jinqiao CHEN from China (People's Rep. of) [ASP] and Mr Romain Abilé HOUÉHOU from RéCATIC, Benin [AFR].
- **Q7/1:** Mr Abdoulaye DEMBELE from Mali [AFR] and Ms Miran CHOI from Korea (Rep. of) [ASP]
- **Q8/1:** Mr Roberto HIRAYAMA from Brazil [AMS]
- **Res.9:** ITU-D Co-Chair for Res.9 – Mr Fadel DIGHAM from Egypt [ARB] ITU-R Co-Chair for Res. 9 – Mr Sergey PASTUKH, ITU-R SG1 Chairman

Study Group 2:

- **Q1/2:** Dr James NJERU from Kenya [AFR]
- **Q2/2:** Dr Isao NAKAJIMA from Japan [ASP], Co-Rapporteur: Dr Done-Sik YOO from Korea (Rep. of) [ASP]
- **Q3/2:** Ms Rozalin AL-BALUSHI from Oman [ARB] and Mr Eliot LEAR from USA[AMS]
- **Q4/2:** Mr Cheikh OUDAA from Mauritania [ARB] and Mr Gordon GILLERMAN from USA [AMS]
- **Q5/2:** Ms Kelly O'KEEFE from USA [AMS]
- **Q6/2:** Mr Philip KELLEY from France [EUR]
- **Q7/2:** Ms LIU Dan from China (People's Republic of) [ASP]
- **Q8/2:** Ms Sandra ALVARADO BARRERO from Colombia [AMS]
- **Q9/2:** Mr Nasser AL MARZOUQI from UAE [ARB]

Appointed by the first SG1/SG2 meetings in September 2014

Main deliverables and timeline

ITU-D Study Groups: Deliverables (2010-14)

Reports, guidelines and Recommendations:

- **Work on 19 topics** reflecting the issues that the ITU Membership collectively determined would be discussed interactively and on a regular basis at ITU-D Study Group and Rapporteur Group meetings, and informally via electronic means.

- **19 final reports and guidelines** for the 2010-14 study period (available in six languages).

- **Two new Recommendations** were approved by WTDC-14.

- Study Group 1 welcomed **1073 participants** & received **394 contributions**.

- Study Group 2 welcomed **1516 participants** & received **575 contributions**.

- **6 surveys** were conducted to support the topics under study (some jointly with the other Sectors) and calls for experts in crosscutting areas of e-Health and e-Government were launched.

- **New tools launched**: Case Study Library, e-Forum, multilingual remote participation platform, etc.

- Correspondence Group dedicated to the elaboration of a **working definition of the term "ICT"** was established under Study Group 1 in 2012 on request by the 17th session of TDAG. The Group concluded its work.

- Activities to support **innovation in ITU-D Study Groups** and examine ways to enhance outputs and procedures took place (Innovation Challenge, brainstorming sessions, etc.).

ITU-D Study Groups: Main deliverables (2014-17)

- <u>Start</u>: First SG1 and SG2 meetings for the sixth study period in September 2014.
- <u>Finish</u>: Fourth and last SG1 and SG2 meetings for the sixth study period to report to WTDC in 2017.
- <u>Main deliverables</u> (*specific details available in the work plans for each Question*):

  – **Meeting reports** after each Study Group and Rapporteur Group meeting (total of 2 SG meeting reports and 36 RGQ meeting reports per year).
  – **Brief progress reports with highlights/challenges** from each RGQ to the annual study group meetings (with reference to the meeting reports for details).
  – **Deliverables that make up the final expected reports for the Questions** can be submitted to each annual study group meetings for approval and subsequent launch/distribution to the membership.

  – **Guidelines and Recommendations** can be submitted to any annual study group meeting for approval when ready. (There is no need to wait until 2017 if the deliverables are 100% ready to share!)
  – **Collection of final output reports, guidelines, Recommendations for all Questions** for approval at the final study group meetings in 2017.
  – **Reports from SG1 and 2 Chairmen to TDAG** every year.
  – **Reports from SG1 and 2 Chairmen to WTDC** at the end of the cycle.

ITU-D Study Groups: Timeline (2014-17)

- <u>Major milestones:</u>

Main meetings		Main deliverables and progress reports
First SG1 and SG2 meetings	September 2014	Appoint management team members, identify experts, distribute tasks, agree on work plans and methods of action, review initial contributions, reply to liaison statements received.
Rapporteur Group meetings	April/May 2015	Review tables of content for Question deliverables, call for experts, call for and review of detailed contributions, draft surveys.
Second SG1 and SG2 meetings	September 2015	Present progress reports, approve tables of content, first outline of report, approve and launch of surveys (if applicable).
Rapporteur Group meetings	April/May 2016	Review contributions and input received through surveys, etc., chapter specific drafting/brainstorming groups.
Third SG1 and SG2 meetings	September 2016	Present progress reports, review draft reports, guidelines, Recommendations, identify/ discuss next steps to complete work on time and how to overcome challenges encountered.
Rapporteur Group meetings	[January 2017] (TBC)	Finalize last parts of reports, finalize draft guidelines and Recommendations.
Fourth SG1 and SG2 meetings	[April 2017] (TBC)	Fine-tune and approve reports, guidelines and Recommendations.
WTDC	Q4 2017	Study Group 1 and 2 Chairmen present results and deliverables to WTDC.

Ongoing and planned activities

ITU-D Study Groups: Results of 2014 meetings

- **2014 annual meetings:**
  - Study Group 1: 15-19 September 2014 and Study Group 2: 22-26 September 2014
- **Participation:**
  - Close to **160 participants for each meeting**, incl. remote participants.
  - **57 full and partial fellowships** to LDCs and LICs granted.
- **Contributions received:**
  - SG1 received **74 contributions** for consideration and SG2 received **96 contributions** for consideration.
  - In addition to the significant number of contributions from the membership, the meetings also reviewed a large number of **incoming liaison statements** (30 in total)
- **Results achieved and progress made:**
  - **Over 90 Rapporteurs and Vice-Rapporteurs** were appointed (some with management responsibilities within multiple Questions).
  - The Rapporteur Groups decided on **work plans and specific methods of work** to ensure that expected results for each Question, and for the Study Groups overall, will be achieved.
  - **Initial tables of content** and overviews of the specific deliverables to be worked on over the coming years were prepared and agreed on.
  - To continue the good collaboration and exchange of information on topics of common interest, the Study Groups dispatched close to **30 outgoing liaison statements** to relevant internal ITU and external groups.

ITU-D Study Groups: Activities in 2015

- **2015 Rapporteur Group meetings:**
  - SG1 Rapporteur Group meetings: **13 to 24 April** in Geneva, Switzerland
  - SG2 Rapporteur Group meetings: **27 April to 8 May** in Geneva, Switzerland

  Details on how to **participate** in (in person and remotely) and **submit contributions** to the meetings are available on the meeting specific pages and in the invitation letter.

- **2015 annual Study Group meetings:**
  - Study Group 1: **14 to 18 September 2015** in Geneva, Switzerland
  - Study Group 2: **7 to 11 September 2015** in Geneva, Switzerland

  The invitation letter for the September meetings will be sent out in June.

- **Online collaborative tools, discussion platforms, repositories:**
  - ITU-D Study Groups portal – collaborative site
  - ITU-D Study Groups case study library
  - E-Forum
  - Mailing lists

- Visit the website for more information about upcoming activities, resources and tools available to the membership!

ITU-D Study Groups: Contact details

More information on the ITU-D Study Groups can be found at:
www.itu.int/ITU-D/study-groups/

You can contact us at:

E-mail: devsg@itu.int
Tel.:+41 22 730 5999

We look forward to hearing from you!