

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 share experiences, present ideas, exchange views, and achieve consensus on appropriate strategies to address telecommunication/ICT priorities.

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

- ❑ **Knowledge platform**: 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.
 - ❑ **Information exchange**: Sharing and exchanging information on topics of common interest and dedicated topics of interest (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.
- **Key deliverables**: Reports, Guidelines, Best Practices and Recommendations based on input gathered through contributions, case studies and surveys, which are made available to the membership through content management systems and web publication tools.

ITU-D Study Groups: Scope of work

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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)



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- **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)



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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

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

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

Working Party 1/2 deals with cross-cutting issues for Questions 5/2, 6/2, 7/2, and 8/2

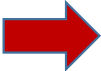
Overview of where the ITU-D Study Groups fit in



ITU-D: Development Sector

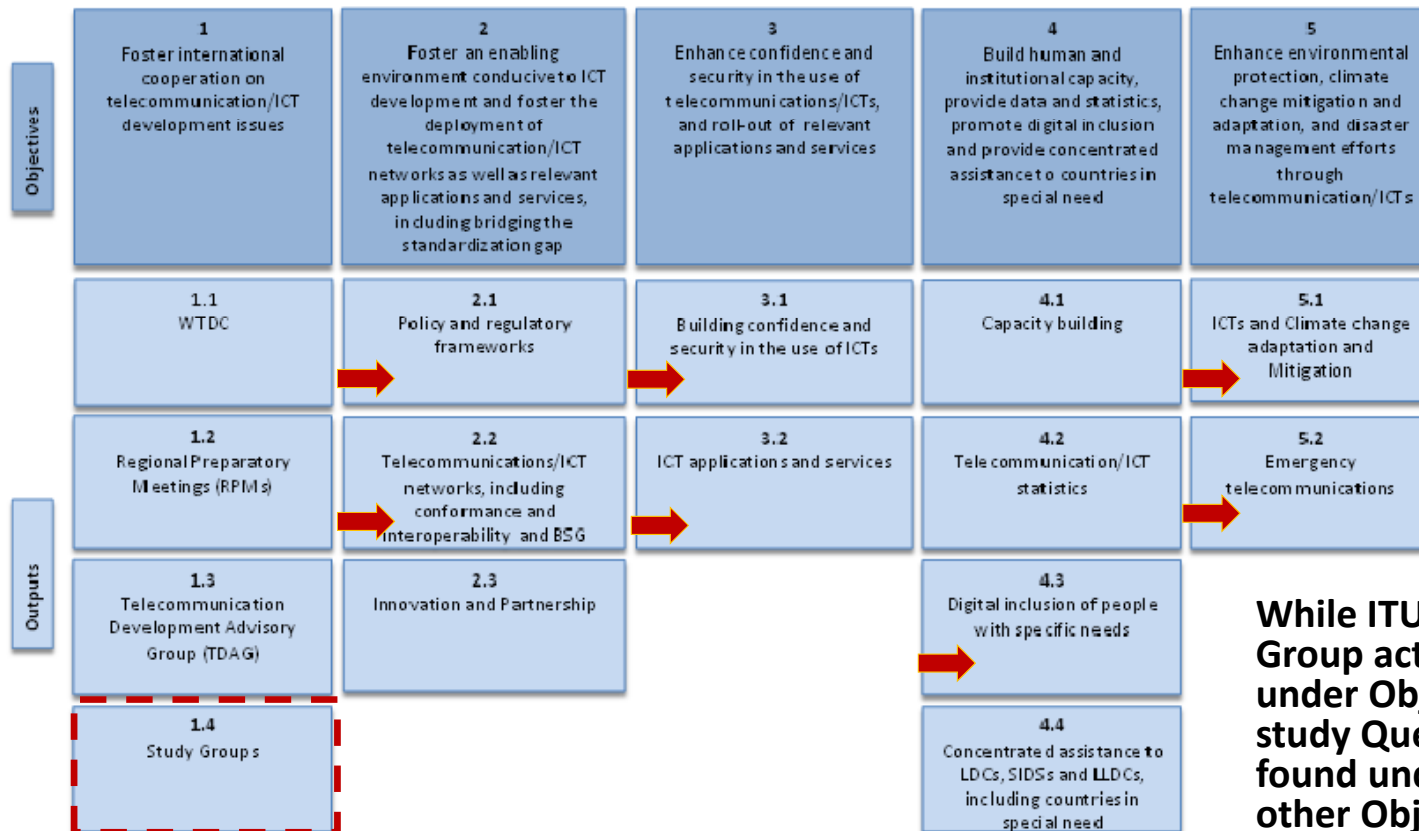
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ITU-D strategic objectives:

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- A red arrow pointing to the right, highlighting the first bullet point.
- 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



While ITU-D Study Group activities come under Objective 1, the study Questions can be found under all the other Objectives.

Study Group 1 and 2 management teams



ITU-D Study Groups: SG1/SG2 Management teams



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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:** Mr Yahya Nasser Mohammed Al Hajri from Oman [ARB] and Mr Vadym Kaptur (ONAT, Ukraine)
- **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 and updated in September 2015

Main deliverables and timeline



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



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- Start: First SG1 and SG2 meetings for the sixth study period in September 2014.
- Finish: Fourth and last SG1 and SG2 meetings in March/April 2017 for the sixth study period to report to **WTDC in 2017**.
- Main deliverables (*specific details available in the work plans for each Question*):
 - **Meeting reports** after each Study Group, Working Party and Rapporteur Group meeting (total of 2 SG meeting reports, 2 Working Party 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)

- Major milestones:

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 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	Finalize last parts of reports, finalize draft guidelines and Recommendations, propose/discuss possible study topics for the next period.
Fourth SG1 and SG2 meetings	April 2017	Fine-tune and approve reports, guidelines and Recommendations. Propose/discuss possible study topics for the next period.
WTDC	Q4 2017	Study Group 1 and 2 Chairmen present results and deliverables to WTDC.

Results achieved, ongoing and planned activities



ITU-D Study Groups: Results of 2015 annual meetings

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- **Participation and contributions received:**
 - **SG1: 220 participants from 65 Member States.** SG1 received **136 contributions**
 - **SG2: 190 participants from 52 Member States.** SG2 received **121 contributions**
 - **33 fellowships** to LDCs and LICs granted.
 - **25 remote participants** for SG1 and SG2.
 - **30 incoming liaison statements** for SG1 and SG2.
- **Results achieved and progress made:**
 - **4 new Vice-Rapporteurs** appointed.
 - **3 Study Group Questions had compiled initial draft reports.** All groups have Tables of Content to progress their work. 7 Questions have developed specific surveys to gather data.
- **Three associated events were held during the SG1/SG2 meetings:**
 - 1st meeting of the ITU-D Academia Network
 - Joint ITU-T SG17 and ITU-D SG2 Question 3/2 Cybersecurity Workshop
 - ITU Global Dialogue on International Mobile Roaming “Let’s roam the world”.
- **Area for innovative ICT applications linked to work of topics under study provided**



ITU-D Study Groups: Key achievements in 2016

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- **2016 Rapporteur Group meetings:**
 - [SG1 Rapporteur Group meetings](#): **4-15 April** in Geneva, Switzerland
 - [SG2 Rapporteur Group meetings](#): **18-29 April** in Geneva, Switzerland
- **Participation in meetings and contributions received:**
 - **SG1 RGQs**: 161 participants from 47 Member States. SG1 Rapporteur Group meetings received 126 contributions
 - **SG2 RGQs**: 103 participants from 36 Member States. SG2 Rapporteur Group meetings received 86 contributions
- Good progress made on the final deliverables thanks to good preparation by the teams, quality contributions and survey input received, the February 2016 Q8/1 and Res.9 expert group meetings and workshops held, as well as increased involvement of Academia and research institutes.
- Q3/2 related cybersecurity workshop dedicated to cyberdrills and national cybersecurity strategies held on 18/19 April 2016.

Visit the website for information about activities and resources available to the membership!

ITU-D Study Groups: Upcoming activities in 2016



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- **2016 annual meetings:**
 - Study Group 1 meeting: **19-23 September** in Geneva, Switzerland
 - Study Group 2 meeting: **26-30 September** in Geneva, Switzerland
- **Associated expert meetings**
 - Expert meeting for Q6/1 together with an ITU workshop on “**Consumer protection in a digital collaborative economy**”: **11 – 13 July 2016** in **Chongqing, People’s Republic of China**
 - Other topical expert meetings are also planned for 2016.
- **Online collaborative tools, discussion platforms, repositories are useful means to progress the work of the Questions:** [ITU-D Study Groups portal – collaborative site](#); [Mailing lists](#); [ITU-D Study Groups case study library](#), etc..

Visit the website for information about activities and resources available to the membership!



ITU-D Study Groups: Contact details

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

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We look forward to hearing from you!