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|  | **Telecommunication DevelopmentAdvisory Group (TDAG)****32nd Meeting, Geneva, Switzerland, 12-16 May 2025** | A close up of a sign  Description automatically generated |
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|  | **Document TDAG-2****5/7-E** |
|  | **28 March 2025** |
|  | **Original: English** |
| Chair, ITU-D Study Group 2 |
| ITU-D Study Group 2 activities for the eighth study period  |
|  |
| **Summary:**This report summarizes the activities carried out by Study Group 2 for the eighth study period.**Action required:**TDAG is invited to take note of this document and provide any guidance as deemed appropriate.**References:**[TDAG-23/6](https://www.itu.int/md/D22-TDAG30-C-0006) (2023), [TDAG-24/6](https://www.itu.int/md/D22-TDAG31-C-0006) (2024), [2/REP/8](https://www.itu.int/md/D22-SG02-R-0008) (2022), [2/REP/9](https://www.itu.int/md/D22-SG02-R-0009) (2023), [2/REP/17](https://www.itu.int/md/D22-SG02-R-0017) (2024) |

# Introduction

The report covers the eighth study period for ITU-D Study Group 2. The study period 2022-2025 for SG2 concluded to-date with:

* 2 interim deliverables[[1]](#footnote-2):
	+ Cybersecurity assurance practices (by Question 3/2), published in 2024
	+ 5G cybersecurity (by Question 3/2) published in 2025
* 3 annual Study Group meetings from 2022 to 2024
* 2 annual Rapporteur Group Question (RGQ) level meetings in 2023 and 2024
* Video interviews by 2 (co-)rapporteurs of interim deliverables[[2]](#footnote-3)
* 17 workshops and other events[[3]](#footnote-4) held in conjunction with the rapporteur group meetings
* A Regional Workshop[[4]](#footnote-5) on Increasing Consumer Awareness held on 18-20 June 2024 in Brasilia and hosted by ANATEL, in collaboration with ITU-D SG1 and ITU Regional Office for Americas
* 120 incoming liaison statements (SG2 and Rapporteur Group Question level) to date
* 29 outgoing liaison statements (SG2 and RGQ level) to date
* 498 unique contributions (membership, SG2 management and ITU) received to date
* 268 participants at most for a SG2 plenary level meeting (first meeting in 2022)
* 45% female participation at most for a SG2 plenary level meeting (second meeting in 2023)
* 221 participants at most for Rapporteur Group Question level meeting (second meeting in 2024)
* 38% female participation at most for Rapporteur Group Question level meeting (second meeting in 2024)
* SG2 Management team contributed in ITU work including representations in various events.

## Mandate and outcomes

Study Group 2 (SG2) was established in accordance with WTDC Resolution 2 (Rev. Kigali, 2022) to study Questions and issues relating to digital transformation. The Group is responsible for seven substantive topics to study the use and impact of ICTs in the areas of: 1) smart cities and communities, 2) e-services and applications, 3) cybersecurity, 4) conformance and interoperability, counterfeit of ICT equipment and theft of mobile devices, 5) adoption of telecommunications/ICTs and improving digital skills, 6) environment, and 7) human exposure to electromagnetic fields. SG2 takes also into account the work of other ITU Sectors and relevant organizations, and the priorities of developing countries in fulfilling its mandate.

The formal titles of the Study Group 2 Questions are as follows:

* **Question 1/2**: Smart sustainable cities and communities
* **Question 2/2**: Enabling technologies for e-services and applications, including e-health and e‑education
* **Question 3/2**: Securing information and communication networks: Best practices for developing a culture of cybersecurity
* **Question 4/2**: Telecommunication/ICT equipment: Conformance and interoperability, combating counterfeiting and theft of mobile devices
* **Question 5/2**: Adoption of telecommunications/ICTs and improving digital skills
* **Question 6/2**: ICTs for the environment
* **Question 7/2**: Strategies and policies concerning human exposure to electromagnetic fields​

The definitions of the Questions, which include, *inter alia*, the statement of the problem, the description of the expected output, the initial work plan with the required timing for the output, etc., are available on the Study Group 2 website in Document [2/2](https://www.itu.int/md/D22-SG02-C-0002).

## Study Group 2 management

WTDC-22 designated the SG2 leadership for the eighth study period (2022-2025): Mr Fadel Digham (Egypt) served as Chair; he was ably assisted by the following Vice-Chairs:

* Mr Abdelaziz Alzarooni (United Arab Emirates) (ARB)
* Ms Zainab Ardo (Nigeria) (AFR)
* Mr Javokhir Aripov (Uzbekistan) (CIS)
* Ms Carmen Madalina Clapon (Romania) (EUR)
* Mr Mushfig Guluyev (Azerbaijan) (CIS)
* Mr Hideo Imanaka (Japan) (ASP)
* Ms Mina Seonmin Jun (Republic of Korea) (ASP)
* Mr Mohamed Lamine Minthe (Guinea) (AFR)
* Mr Víctor Antonio Martínez Sánchez (Paraguay) (AMS)
* Mr Tongning Wu (China) (ASP)
* Mr Dominique Würges (France) (EUR)

Resigned during this study period:

* Ms Alina Modan (Romania) (EUR)
* Mr Diyor Rajabov (Uzbekistan) (CIS)

The list of appointed Chair, Vice-Chairs, Rapporteurs and Vice-Rapporteurs of ITU-D Study Group 2 Questions can be found in **Annex 1**.

## Participation and written contributions (2022-2025)

To be included after ITU-D Study Group 2 meeting ends on 9 May.

# Meetings

## Management team meetings

During this study period, four annual Study Group 2 management team meetings with the Chair, Vice-Chairs, (Co-)Rapporteurs, Vice-Rapporteurs and BDT Focal Points were held on the day before each annual Study Group 2 meeting, in order to prepare for the meeting, approve the time-management plan, review the progress of each Question under study, discuss planned and on-going activities and come up with proposals on further improvements to the functioning of the study groups.

In addition, 17 additional meetings (two of which jointly with SG1) between the SG2 Chair and management team members concerned were held to prepare for workshops and information sessions, review the progress of interim and final deliverables, and coordinate on other topics of interest in preparation for the next WTDC (e.g. future study Questions).

Coordinators were appointed to facilitate the coordination on key topics. A list of these topics and names of the coordinators can be found in **Annex 2** to this report.

Finally, the seven Rapporteur Groups held management team meetings at their own level to ensure coordination and fulfil their Question mandates.

## Study Group 2 meetings

During the course of the study period, Study Group 2 met five times. Three annual meetings were held in December 2022, October-November 2023 and November 2024. The Rapporteur Groups met in total five times during this study period, both during each annual Study Group meeting and separately in May-June 2023 and April-May 2024.

**Annex 3** presents the dates of the Study Group and Rapporteur Group meetings held during this study period. A substantial amount of the work was also carried out electronically and by correspondence in between the physical meetings.

### First annual SG2 meeting

The meeting was held in Geneva from 5 to 9 December 2022. The meeting took the following main actions and decisions:

* Reviewed the main outcomes from the previous 2018-2021 study period, SG2 work plan and expectations for the 2022-2025 study period;
* Appointed new (Co-)Rapporteurs and Vice-Rapporteurs to lead the Questions under study;
* Assigned coordinators (mostly Vice-Chairs) for specific topics of interest;
* Developed draft work plans and tables of contents for each Question to start the work;
* Organized an onboarding session which provided an overview of the study groups and information to help them getting involved in the activities of the study groups ([presentation](https://www.itu.int/md/D22-SG02-ADM-0004/en));
* Explored several topics for future collaboration, including with other ITU Sectors, WTDC Resolution 9 (Rev. Kigali, 2022), as well as synergies on statistics activities and BDT projects.

The report of this meeting is available in Document [2/REP/8](https://www.itu.int/md/D22-SG02-R-0008).

### Second annual SG2 meeting

The meeting was held in Geneva from 30 October to 3 November 2023, and took the following main actions:

* Appointed 1 Vice-Chair (Europe region), 3 Co-Rapporteurs and 1 Vice-Rapporteur to reinforce the management teams, after the previous role bearers stepped down due to career movements;
* Approved an interim deliverable from Question 3/2 (“*Cybersecurity assurance practices*”). This interim deliverable examines the global landscape of cybersecurity assurance across various domains (IoT, telecoms, etc.) by presenting a diverse range of ongoing practices and perspectives from around the world;
* Developed and stabilized mappings between ITU-D Questions and with other ITU Sectors;
* Held two information sessions: the first one to showcase the new interim deliverable on cybersecurity assurance practices ([programme](https://www.itu.int/en/ITU-D/Study-Groups/2022-2025/Pages/TIES_Protected/session-cybersecurity-oct23.aspx), [report](https://www.itu.int/md/D22-SG02-R-0009) (see Annex 5)), and the second one to present selected ITU projects related to digital transformation and their impacts in the field ([programme](https://www.itu.int/en/ITU-D/Study-Groups/2022-2025/Pages/TIES_Protected/session-BDT-projects-oct23.aspx), [report](https://www.itu.int/md/D22-SG02-R-0009) (see Annex 6)).
* Held an informal discussion on youth engagement was also held between some youth members and the SG2 management teams, in order to explore how young participants could become more involved in the work of study groups.
* Continued to explore several topics for future collaboration, in particular with the TSAG rapporteur group on sustainable digital transformation (RG-DT), to which a response liaison statement was sent to inform about the activities of SG2.

The report of this meeting is available in Document [2/REP/9](https://www.itu.int/md/D22-SG02-R-0009).

### Third annual SG2 meeting

The meeting was held in Geneva from 11 to 15 November 2024. The meeting took the following main actions and decisions:

* Appointed 1 Vice-Chair (CIS region), 1 Co-Rapporteur and 6 Vice-Rapporteurs to reinforce the management teams, after the previous role bearers stepped down due to career movements;
* Approved an interim deliverable from Question 3/2 (“*5G cybersecurity*”). This interim deliverable aims to share reflections and good practices on securing 5G networks to assist ITU membership in implementing cybersecurity measures in their national contexts;
* Reviewed in detail the draft output reports from the seven rapporteur groups, with comments to assist in their finalization and submission for approval;
* Continued to explore several topics for future collaboration, in particular with the Industry Advisory Group on Development Issues and Private Sector Chief Regulatory Officers (IAGDI-CRO), with which SG2 agreed to collaborate in order to organize a tech talk on the theme of digital transformation;
* Reviewed the proposed questions of the end-of-cycle survey (joint with SG1), traditionally done in accordance with WTDC Resolution 1.

The report of this meeting is available in Document [2/REP/17](https://www.itu.int/md/D22-SG02-R-0017/).

# Summary of the key results achieved

## Question 1/2 – Smart sustainable cities and communities

The Output Report on Question 1/2 can be found in Document [2/358](https://www.itu.int/md/D22-SG02-C-0358).

The Rapporteur Group on Question 1/2 also organized the following workshops:

* Workshop on digital public infrastructure and shared services for smart sustainable government, cities and communities, held on 25 May 2023 ([programme](https://www.itu.int/en/ITU-D/Study-Groups/2022-2025/Pages/meetings/session-Q1-2-may23.aspx), [report](https://www.itu.int/md/D22-SG02.RGQ-R-0001) (Annex 4));
* Workshop on digital smart city/community policies and business models to ensure stakeholder involvement and yield sustainable development, held on 30 April 2024 ([programme](https://www.itu.int/en/ITU-D/Study-Groups/2022-2025/Pages/meetings/workshop-Q1-2_april24.aspx), [report](https://www.itu.int/md/D22-SG02.RGQ-R-0008) (Annex 3)).

## Question 2/2 – Enabling technologies for e-services and applications, including e-health and e-education

The Output Report on Question 2/2 can be found in Document [2/359](https://www.itu.int/md/D22-SG02-C-0359).

The Rapporteur Group on Question 2/2 also organized the following workshops:

* Workshop on adoption of new digital technology for e-health, e-learning and other e-services, held on 30 May 2023 ([programme](https://www.itu.int/en/ITU-D/Study-Groups/2022-2025/Pages/meetings/session-Q2-2-may23.aspx), [report](https://www.itu.int/md/D22-SG02.RGQ-R-0002) (Annex 5));
* Workshop on best practice models and enabling technology for digital transformation in e-health, e-education, and other e-applications, held on29 April 2024 ([programme](https://www.itu.int/en/ITU-D/Study-Groups/2022-2025/Pages/meetings/workshop-Q2-2_april24.aspx), [report](https://www.itu.int/md/D22-SG02.RGQ-R-0009) (Annex 4));

Topics for the next study period were proposed, for example impact of artificial intelligence (AI) technologies in support of e-services and applications. An updated draft terms of reference for Question 2/2 is available in Document [TDAG-WG-futureSGQ/22](https://www.itu.int/md/D22-TDAG.WG.SGQ-C-0022).

## Question 3/2 – Securing information and communication networks: Best practices for developing a culture of cybersecurity

The Output Report on Question 3/2 can be found in Document [2/360](https://www.itu.int/md/D22-SG02-C-0360).

The following interim deliverables on Question 3/2 were approved for release[[5]](#footnote-6):

* *Cybersecurity assurance practices* (interim deliverable 2023, [link](https://www.itu.int/hub/publication/d-stg-sg02-03-2-2023/)). A dedicated panel session presented the key findings of this deliverable ([programme](https://www.itu.int/en/ITU-D/Study-Groups/2022-2025/Pages/TIES_Protected/session-cybersecurity-oct23.aspx), [report](https://www.itu.int/md/D22-SG02-R-0009) (Annex 5)).
* *5G cybersecurity* (interim deliverable 2024, [link](https://www.itu.int/en/ITU-D/Study-Groups/2022-2025/Pages/reference/Ongoing-Work.aspx)).

The Rapporteur Group on Question 3/2 also organized the following workshops:

* Workshop on cybersecurity assurance practices, held on 23 May 2023 ([programme](https://www.itu.int/en/ITU-D/Study-Groups/2022-2025/Pages/meetings/session-Q3-2-may23.aspx), [report](https://www.itu.int/md/D22-SG02.RGQ-R-0003) (Annex 4));
* Workshop on 5G cybersecurity, held on 2 May 2024 ([programme](https://www.itu.int/en/ITU-D/Study-Groups/2022-2025/Pages/meetings/workshop-Q3-2_may24.aspx), [report](https://www.itu.int/md/D22-SG02.RGQ-R-0010) (Annex 4)).

## Question 4/2 – Telecommunication/ICT equipment: Conformance and interoperability, combating counterfeiting and theft of mobile devices

The Output Report on Question 4/2 can be found in Document [2/361](https://www.itu.int/md/D22-SG02-C-0361).

The Rapporteur Group on Question 4/2 also organized the following workshops:

* Workshop on conformance and interoperability challenges for digital transformation, held on 2 June 2023 ([programme](https://www.itu.int/en/ITU-D/Study-Groups/2022-2025/Pages/meetings/session-Q4-2-june23.aspx), [report](https://www.itu.int/md/D22-SG02.RGQ-R-0004) (Annex 4));
* Workshop on techniques designed to promote harmonization of conformance and interoperability (C&I) regimes, held on10 May 2024 ([programme](https://www.itu.int/en/ITU-D/Study-Groups/2022-2025/Pages/meetings/workshop-Q4-2_may24.aspx), [report](https://www.itu.int/md/D22-SG02.RGQ-R-0011) (Annex 3)).

Topics for the next study period were proposed, for example establishing collaborative platforms for C&I, establishing centralized databases to combat counterfeit of ICT equipment, and establishing harmonized legal frameworks to combat theft of mobile devices. More information can be found in Document [TDAG-WG-futureSGQ/22](https://www.itu.int/md/D22-TDAG.WG.SGQ-C-0022).

## Question 5/2 – Adoption of telecommunications/ICTs and improving digital skills

The Output Report on Question 5/2 can be found in Document [2/362](https://www.itu.int/md/D22-SG02-C-0362).

The Rapporteur Group on Question 5/2 also organized the following workshops:

* Workshop on adoption of ICTs and digital skills development, held on 1 June 2023 ([programme](https://www.itu.int/en/ITU-D/Study-Groups/2022-2025/Pages/meetings/session-Q5-2-may23.aspx), [report](https://www.itu.int/md/D22-SG02.RGQ-R-0005) (Annex 3));
* Workshop on digital skills development: policies, strategies, and national experiences for a better future, held on 8 May 2024 ([programme](https://www.itu.int/en/ITU-D/Study-Groups/2022-2025/Pages/meetings/workshop-Q5-2_may24.aspx), [report](https://www.itu.int/md/D22-SG02.RGQ-R-0012) (Annex 4));

Regarding future topics, and considering that this study area was introduced for the first time during this study period, it was considered that all items included in the current terms of reference of this Question were not fully explored and need further studies.

## Question 6/2 – ICTs for the environment

The Output Report on Question 6/2 can be found in Document [2/363](https://www.itu.int/md/D18-SG02-C-0363).

The Rapporteur Group on Question 6/2 also organized the following workshops:

* Workshop on green ICT and emerging technologies towards climate change mitigation, held on 29 May 2023 ([programme](https://www.itu.int/en/ITU-D/Study-Groups/2022-2025/Pages/meetings/session-Q6-2-may23.aspx), [report](https://www.itu.int/md/D22-SG02.RGQ-R-0006) (Annex 4));
* Workshop on circular economy considerations and new technologies for combatting climate change, held on 6 May 2024 ([programme](https://www.itu.int/en/ITU-D/Study-Groups/2022-2025/Pages/meetings/workshop-Q6-2_may24.aspx), [report](https://www.itu.int/md/D22-SG02.RGQ-R-0013) (Annex 4)).

Topics for the next study period were proposed, for example the role of ICTs and cutting-edge intelligent technologies like AI in reducing climate change-related disasters like flash floods and large-scale fires (in collaboration with Q3/1). An updated draft terms of reference for Question 6/2 is available in Document [TDAG-WG-futureSGQ/22](https://www.itu.int/md/D22-TDAG.WG.SGQ-C-0022).

## Question 7/2 – Strategies and policies concerning human exposure to electromagnetic fields

The Output Report on Question 7/2 can be found in Document [2/364](https://www.itu.int/md/D18-SG02-C-0364).

The Rapporteur Group on Question 7/2 also organized the following workshops:

* Workshop on international, regional and national policies concerning human exposure to electromagnetic fields (EMFs), held on 25 May 2023 ([programme](https://www.itu.int/en/ITU-D/Study-Groups/2022-2025/Pages/meetings/session-Q7-2-may23.aspx), [report](https://www.itu.int/md/D22-SG02.RGQ-R-0007) (Annex 4));
* Workshop on recent developments relevant to EMF policy formulation, held on 8 May 2024 ([programme](https://www.itu.int/en/ITU-D/Study-Groups/2022-2025/Pages/meetings/workshop-Q7-2_may24.aspx), [report](https://www.itu.int/md/D22-SG02.RGQ-R-0014) (Annex 5)).

The following topics for the next study period were proposed at this stage: 5G EMF, EMF in low-altitude airspace and drone, AI in EMF evaluation, EMF in smart wearable devices (see Document [TDAG-WG-futureSGQ/22](https://www.itu.int/md/D22-TDAG.WG.SGQ-C-0022)).

# Collaboration with other groups

## ITU-D study Questions and ITU-D study groups

Synergies between Question in SG2, and with SG1 were continuously sought.

A joint Q6/1 and Q3/2 workshop on Increasing Consumer Awareness[[6]](#footnote-7) was held from 18 to 20 June 2024 in Brasilia, hosted by ANATEL in collaboration with the ITU Regional Office for Americas.

Three joint SG1 and SG2 management team meetings were held to date on the Sunday before the start of SG2 annual meetings under the chairmanship of the BDT Director. These meetings ensured coordination and collaborative work between the two ITU-D study groups. Two guiding documents are under preparation on the following items that require a joint reflection to make study group work more efficient and effective:

* Addressing challenges that impact on the effective use of ITU-D study group products
* Guidelines for submitting candidatures for positions of rapporteurs and vice-rapporteurs and for evaluating the candidates.

## Collaboration with the TDAG Working Group on future Study Group Questions

An important collaboration in preparation for the next WTDC has been with the TDAG Working Group on future Study Group Questions (TDAG-WG-futureSGQ). For this purpose, SG2 assigned Vice-Chair Mr Abdelaziz Alzarooni (United Arab Emirates), succeeded by Vice-Chair Mr Victor Martinez (Paraguay) from 2025, to ensure coordination on future study Questions. Mr Ahmad Reza Sharafat, Chair of the TDAG-WG-futureSGQ, was also regularly invited in study group meetings to ensure that the study group receives regular updates and provides meaningful inputs to this TDAG WG.

Following coordination between the Coordinator and the SG2 (Co-)Rapporteurs, preliminary views on possible new items for future study Questions were submitted to the TDAG WG for consideration.

Documents for more information:

* Web page of the TDAG-WG-futureSGQ: [link](https://www.itu.int/en/ITU-D/Conferences/TDAG/Pages/2024/TDAG_WG_futureSGQ.aspx)
* Preliminary views on future SG2 Questions: [TDAG-WG-futureSGQ/22](https://www.itu.int/md/D22-TDAG.WG.SGQ-C-0022).

## Mapping of activities between ITU-D study Questions and with other ITU sectors

During this study period, mapping of activities with other ITU sectors were maintained in order to identify potential areas of common interest, facilitate coordination and further strengthen collaboration. SG2 assigned two management team members as coordinators to facilitate development and exchange of these mapping tables: Mr Arseny Plossky (Russian Federation), Rapporteur for Question 4/1, and Mr Haim Mazar (Israel), Co-Rapporteur for Question 7/2.

The inter-sector mapping tables were updated from the previous study period in order to take into account the evolution of activities in the three ITU Sectors. All documents related to inter-sector mappings continued to be maintained as living documents in a common repository, currently maintained by the Inter-Sector Coordination Group (ISCG) on issues of mutual interest. Further updates will be maintained through coordination between the ISCG and representatives of the three ITU Sectors.

Documents for more information:

* Mapping of ITU-D SG1 and SG2 Questions to ITU-R Working Parties: [link](https://www.itu.int/en/general-secretariat/ties/ISCGDocumentLibrary/Liaisons%20Statements%20on%20Inter-Sectoral%20Coordination%20Activities/Table%201.pdf)
* Mapping of ITU-D SG1 and SG2 Questions to ITU-T Questions: [link](https://www.itu.int/en/general-secretariat/ties/ISCGDocumentLibrary/Liaisons%20Statements%20on%20Inter-Sectoral%20Coordination%20Activities/Table%203.pdf)

## WTDC Resolution 9 (Rev. Kigali, 2022)

In an effort to implement WTDC Resolution 9 (Rev. Kigali, 2022), and in particular to fulfil the needs of the developing countries stated therein, SG2 adopted the following approach:

* SG2 assigned two coordinators to ensure continuous update on this topic: Mr Hideo Imanaka (Japan), Vice-Chair of ITU-D SG2, and Mr Haim Mazar (Israel), Co-Rapporteur for Question 7/2;
* Since not all Questions necessarily have linkages with Resolution 9, rapporteur group management teams were requested to review the relevance of their mandates with this Resolution;
* Rapporteur groups were invited to analyse their contributions received and leverage regular information provided by ITU-R (presentations in plenaries, incoming liaison statements) to identify items of relevance for further collaboration.

Documents for more information:

* Report from the Chair of SG2 to TDAG (2020): Section 3.2 of [TDAG-23/6](https://www.itu.int/md/D22-TDAG30-C-0006);
* Proposed actions from the Coordinators: [2/161](https://www.itu.int/md/D22-SG02-C-0161).

## ITU Coordination Committee for Terminology (ITU CCT)

Resolution 154 (Rev. Bucharest, 2022) of the Plenipotentiary Conference on the use of the six official languages of the Union on an equal footing, notes the importance of the work of ITU Coordination Committee for Terminology (CCT), which agrees on and adopts terms and definitions in the field of telecommunications/ICTs across the three ITU Sectors. In accordance with provision 12.3 of WTDC Resolution 1, SG2 assigned Vice-Chair Mr Tongning Wu (China) as an ITU-D representative to the ITU-CCT.

During the 2022-2025 study period, ITU CCT met nine times. The meeting considered liaison statements and contributions with matters concerning terminology and agreed on the updates to the ITU terminology database, especially what is called Part 3 with the Terms, acronyms and definitions.

While no additional term was proposed by SG2 during this study period, some potential candidate terms (e.g. digital security) for possible future proposal were discussed. Several terms and definitions proposed by ITU-R and ITU-T study groups included also general terms that could be used in the context of ITU-D study Questions, such as “AI application/service”, “blockchain”, “digital financial services” and “smartphone”, among others.

All rapporteur groups were invited to discuss any new terms and follow-up through liaison statements with ITU-CCT as appropriate. SG2 participants were regularly invited to stay updated on meeting progress and encouraged them to participate in the ITU‑CCT's work to achieve better harmonization of vocabulary across the ITU.

Documents for more information:

* Summary records of ITU-CCT meetings (period 2022-2025): [R19-CCV/51](https://www.itu.int/md/R19-CCV-C-0051) (10 Nov. 2022), [CCT/1](https://extranet.itu.int/rsg-meetings/ccv/Share/CCT%20meeting%202023-07-21/Input%20contributions/001e.docx) (18 April 2023), [CCT/37](https://extranet.itu.int/rsg-meetings/ccv/Share/CCT%20meeting%202023-09-26/Input%20contributions/037e.docx) (26 Sep. 2023), [CCT/60](https://extranet.itu.int/rsg-meetings/ccv/Share/CCT%20meeting%202024-06-25/Input%20contributions/060e.docx) (16 April 2024), [CCT/73](https://extranet.itu.int/rsg-meetings/ccv/Share/CCT%20meeting%202024-09-17/073e.docx) (25 June 2024), [CCT/87](https://extranet.itu.int/rsg-meetings/ccv/Share/CCT%20meeting%202024-12-10/Input%20contributions/087e.docx) (17 Sep. 2024), [CCT/97](https://extranet.itu.int/rsg-meetings/ccv/Share/CCT%20meeting%202025-01-30/Input%20contributions/097e.docx) (10 Dec. 2024), [CCT/110](https://extranet.itu.int/rsg-meetings/ccv/Share/CCT%20meeting%202025-03-11/Input%20contributions/110e.docx) (30 Jan. 2025).[[7]](#footnote-8)
* Reports from the coordinator: [2/159](https://www.itu.int/md/D22-SG02-C-0159) (2023), [2/286](https://www.itu.int/md/D22-SG02-C-0286) (2024).

## Expert Group on ICT Household Indicators (EGH) and Expert Group on Telecommunication/ICT Indicators (EGTI)

In order to implement Resolution 131 (Rev. Bucharest, 2018) of the Plenipotentiary Conference (PP) on Measuring information and communication technologies to build an integrating and inclusive information society, and WTDC Resolution 8 (Rev. Kigali, 2022) on “Collection and dissemination of information and statistics”, SG2 assigned Vice-Chair Ms Mina Seonmin Jun (Rep. of Korea) as Coordinator to explore possible synergies with ITU-D statistics activities in ITU-D, namely the Expert Group on ICT Household Indicators (EGH) and the Expert Group on Telecommunication/ICT Indicators (EGTI).

SG2 received regular updates from the Coordinator on related activities and progress. It noted several topics of interest to its study Questions, such as measurement of ICT skills, OTT and e‑waste, as well as the creation of a new subgroup on measuring the use of AI through household surveys. SG2 received also regular complementary updates from BDT on its ongoing project and publications for further consideration and incorporation in the current studies as appropriate.

Documents for more information:

* Reports from the Coordinator: [2/174](https://www.itu.int/md/D22-SG02-C-0174) (2023), [2/323](https://www.itu.int/md/D22-SG02-C-0323) (2024).
* Contributions from BDT: [2/57](https://www.itu.int/md/D22-SG02-C-0057) (2022), [2/168](https://www.itu.int/md/D22-SG02-C-0168) (2023), [2/292](https://www.itu.int/md/D22-SG02-C-0292) (2024).

## Synergies with BDT projects

With the aim to strengthen synergies between the study groups and BDT initiatives, SG2 assigned Vice-Chairs Ms Zainab Ardo (Nigeria) and Mr Mushfig Guluyev (Azerbaijan) as Coordinators on Synergies of study Questions with ITU actions, such as BDT projects.

To facilitate such synergies, the following activities were held:

* SG2 received regular updates from BDT on its ongoing projects and the introduction of a project dashboard. The contributions presented also a mapping of these projects with the current study Questions, which facilitated the identification of relevant projects for inclusion in current studies.
* SG2 organized an “Information session on BDT projects for digital transformation”, chaired by the two SG2 Coordinators, and which presented some selected ITU projects related to digital transformation and their impacts in the field in more detail.

These initiatives were widely appreciated by the membership, and rapporteur group management teams took these projects and their linkages to study Questions into account for inclusion in their studies.

Documents for more information:

* Contributions from BDT: [2/61](https://www.itu.int/md/D22-SG02-C-0061) (2022), [2/170](https://www.itu.int/md/D22-SG02-C-0170) (2023), [2/305](https://www.itu.int/md/D22-SG02-C-0305) (2024)
* Information session on BDT projects for digital transformation: [programme](https://www.itu.int/en/ITU-D/Study-Groups/2022-2025/Pages/TIES_Protected/session-BDT-projects-oct23.aspx), [report](https://www.itu.int/md/D22-SG02-R-0009) (Annex 6).

## Engagement of youth and women in the work of ITU-D study groups

In line with WTDC Resolutions 55 and 76 (Rev. Kigali, 2022), and with the aim to organize inclusive and gender-responsive study group meetings, the membership was regularly invited to support and encourage the participation of women and young people in their delegation.

To facilitate their engagement, SG2 assigned Vice-Chair Ms Alina Modan (Romania), succeeded by Vice-Chair Ms Madaline Clapon (Romania) from 2023, as Coordinator. The following actions were namely performed:

* During the first annual meeting of SG2 (2022), several Generation Connect Youth Envoys participated as part of the delegations of their respective countries in the meeting to follow discussions and ongoing issues. They also organized a side-event (intergenerational dialogue) during the meeting week and were provided the opportunity to share their overall impression, along with a few ideas for consideration by the rapporteur groups.
* An informal discussion on youth engagement was organized during the second annual meeting of SG2 (2023) between some youth members and the SG2 management teams, and led by the Coordinator, in order to explore how young participants could become more involved in the work of study groups, while respecting the existing rules and procedures. Several practical ideas were discussed, which the management teams considered for further exploration.
* As a follow-up to this informal discussion, the Coordinator worked with the BDT Digital Inclusion Division and interested rapporteur group management teams to engage three young people either as moderator or speaker during the workshops organized in conjunction with the rapporteur group meetings in April-May 2024.
* BDT and the membership submitted regularly contributions with actions and proposals to promote the engagement of youth and women, and which received support from the meeting participants.

Each of these engagements above provided fresh perspectives that contributed to the work of study Questions.

Documents for more information:

* Report from the Coordinator: [2/288](https://www.itu.int/md/D22-SG02-C-0288)
* Contributions from BDT: [2/60](https://www.itu.int/md/D22-SG02-C-0060) (2022), [2/160](https://www.itu.int/md/D22-SG02-C-0160) (2023), [2/178](https://www.itu.int/md/D22-SG02-C-0178) (2023)
* Contributions from the membership to SG2 plenaries[[8]](#footnote-9): [2/250](https://www.itu.int/md/D22-SG02-C-0250) (2024), [2/256](https://www.itu.int/md/D22-SG02-C-0256) (2024)

## Collaboration with WSIS

In order to seek a close alignment between WSIS Process and 2030 Agenda for Sustainable Development as called by the United Nations General Assembly Overall Review on WSIS[[9]](#footnote-10), and as encouraged by the Council Working Group on WSIS&SDG (CWG-WSIS&SDG) to closely work between ITU study groups and WSIS Secretariat for contribution to the WSIS and SDG Process, the WSIS secretariat was regularly invited to provide updates on the latest activities on the WSIS events and other activities, including the WSIS process, Forum, Stocktaking, Prizes, emphasizing ITU-D study groups' engagement and potential for future collaboration. It highlighted the WSIS process's coordination with UN agencies to implement action lines and advance the Sustainable Development Goals. It also included outcomes from the WSIS Forums, in particular regarding the WSIS+20 review process.

As all study Questions have linkages with WSIS Action Lines, SG2 will continue to seek opportunities for synergies with WSIS by leveraging the collaborations explored and achieved during this study period.

Documents for more information:

* Contributions from the WSIS Secretariat: [2/62](https://www.itu.int/md/D22-SG02-C-0062) (2022), [2/63](https://www.itu.int/md/D22-SG02-C-0063) (2022), [2/64](https://www.itu.int/md/D22-SG02-C-0064) (2022), [2/65](https://www.itu.int/md/D22-SG02-C-0065) (2022), [2/66](https://www.itu.int/md/D22-SG02-C-0066) (2022), [2/176](https://www.itu.int/md/D22-SG02-C-0176) (2023), [2/308](https://www.itu.int/md/D22-SG02-C-0308) (2024)

# Collaborative tools

[Collaborative tools](https://www.itu.int/en/ITU-D/Study-Groups/2022-2025/Pages/reference/Collaborative-Tools.aspx) to facilitate electronic participation in the work of the ITU-D study groups is evolving. In addition to remote participation services and the webcast in the languages of the respective meeting, mailing lists are made available to participants and management team members.

Microsoft Team channels have been created for use by each Question management team as per their convenience. The automatic captioning and translation in various languages was highly appreciated by the Question management team members, considering that some participants were not able to speak fluently in English.

A contributions repository and dashboard[[10]](#footnote-11), which facilitates the search of previous contributions and their abstracts, has been introduced and is updated on a regular basis. Automatic document (machine) translation named “ITUTranslate”[[11]](#footnote-12) is available on the TIES protected document management repository whereby contributions, reports and other meeting documents can be translated from one UN official language into another UN official language. All ITU-D study group web pages can also be translated in all UN official languages with the ITUTranslate widget.

Study group participants were encouraged to explore the tools and to provide any feedback to the secretariat to assist in their improvement.

# Results of the survey on the work of ITU-D Study Groups (8th study period, 2022-2025)

In keeping with Section 3.10.5.4 of Resolution 1 (Rev. Kigali, 2022), the ITU-D Study Groups issued a joint survey to help ascertain the extent to which the ITU-D membership, and in particular developing countries, benefit from the outputs of studies.

A draft questionnaire was submitted for comments at the November 2024 meetings of ITU-D Study Groups 1 and 2. The final version of the questionnaire was issued as an online survey to the ITU-D membership (see Document [BDT/PPS/CSTG-7](https://www.itu.int/md/D22-CA-CIR-0007)) on 8 January 2025 with closing date of 7th February 2025. The deadline was extended to 14th February 2025. The results of the joint survey will be analysed and submitted to the fourth and final meetings of the study groups.

The findings of the surveys can be useful for the ITU membership as part of preparations for WTDC-25 particularly the sections relevant to discussions on future of Questions and on working methods of study groups.

# Conclusion

Study Group 2 has successfully carried out its mandate because of the hard work, dedication, perseverance, flexibility, and expertise of all the parties concerned: the SG2 Management Team, Vice Chairs, (Co-)Rapporteurs, Vice-Rapporteurs, Focal Points, Secretariat, active contributors, meeting participants, interpreters and translators and all other persons working behind the scene. With strong support from the BDT Director and his staff, the Group has fulfilled its mission.

**Annexes**

##### Annex 1: Appointed chair, vice-chairs, rapporteurs and vice-rapporteurs of ITU-D Study Group 2 Questions for the 2022-2025 study period

**Table 1A: List of chair and vice-chairs** (also available at this [web page](https://www.itu.int/en/ITU-D/Conferences/WTDC/WTDC21/Pages/SG_TDAG_appointed-chairs-and-vice-chairs.aspx)) and their attendance (O: physical, OR: remote)

|  |  |  |
| --- | --- | --- |
|  | ITU-D STUDY GROUP 2 | Attendance |
| 2022 SG2 | 2023 RGQ2 | 2023 SG2 | 2024 RGQ2 | 2024 SG2 |
| Chair | Mr Fadel Digham (Egypt) | O | O | O | O | O |
| Vice-chairs | Mr Hideo Imanaka (Japan)  | O | O | O | O | O |
| Ms Mina Seonmin Jun (Republic of Korea)  | O | O | O | OR | O |
| Mr Tongning Wu (China)  | OR | O | O | O | O |
| Ms Zainab Ardo (Nigeria)  | O | O | O | OR | OR |
| Mr Mohamed Lamine Minthe (Guinea)  | O | O | O | O | OR |
| Mr Víctor Antonio Martínez Sánchez (Paraguay)  | OR | O | O | O | O |
| Mr Dominique Würges (France)  | O | O | O | OR | OR |
| Ms Alina Modan (Romania) | OR |  | (Stepped down inJune 2023) |
| Ms Carmen Madalina Clapon (Romania) | (Not appointed yet) | O | O | O |
| Mr Javokhir Aripov (Uzbekistan) | (Not appointed yet) |  |
| Mr Diyor Rajabov (Uzbekistan)  | O | OR | O | OR | (Stepped down in September 2024) |
| Mr Mushfig Guluyev (Azerbaijan)  | OR | OR | OR | OR |  |
| Mr Abdelaziz Alzarooni (United Arab Emirates) |  |  | O | OR | O |

**Table 2A: List of (co-)rapporteurs and vice-rapporteurs** (also available at this [web page](https://www.itu.int/net4/ITU-D/CDS/sg/rapporteurs.asp?lg=1&sp=2022)) and their attendance (O: physical, OR: remote)

| **Question**  | **Role**  | **Name of candidate** | **Organisation**  | **Country** | **Region** | **Attendance** |
| --- | --- | --- | --- | --- | --- | --- |
| 2022SG2 | 2023RGQ2 | 2023 SG2 | 2024 RGQ2 | 2024SG2 |
| Question 1/2 | Co-Rapporteur | Mr Yétondji HOUEYETONGNON | Administration | Benin | Africa | (Not appointed yet) | O | O | O |
| Question 1/2 | Co-Rapporteur | Mr Javokhir ARIPOV | Administration | Uzbekistan | CIS countries | (Not appointed yet) |  |
| Question 1/2 | Co-Rapporteur | Mr Diyor RAJABOV | Administration | Uzbekistan | CIS countries | (Not appointed yet) | O | OR | (Stepped down in Sep 2024) |
| Question 1/2 | Rapporteur | Ms Fifatin Carrelle Lucrèce TOHO | Administration | Benin | Africa |  | (Stepped down in April 2023) |
| Question 1/2 | Vice-Rapporteur | Mr Mory KOUROUMA | Administration | Guinea | Africa |  |  |  |  |  |
| Question 1/2 | Vice-Rapporteur | Mr Seydou DIARRA | Administration | Mali (Republic of) | Africa | O | O | O |  |  |
| Question 1/2 | Vice-Rapporteur | Ms Mariéme Thiam NDOUR | Administration | Senegal | Africa | OR |  |  |  |  |
| Question 1/2 | Vice-Rapporteur | Ms Paulette HERNANDEZ | Administration | United States of America | Americas | OR | O | O | O | O |
| Question 1/2 | Vice-Rapporteur | Mr Cai CHEN | Administration | China (People's Republic of) | Asia & Pacific |  |  |  | (Stepped down in March 2024) |
| Question 1/2 | Vice-Rapporteur | Ms Ying CUI | Administration | China (People's Republic of) | Asia & Pacific | (Not appointed yet) |  |
| Question 1/2 | Vice-Rapporteur | Mr Zhen ZHANG | Administration | China (People's Republic of) | Asia & Pacific |  |  | O |  | O |
| Question 1/2 | Vice-Rapporteur | Mr Hemendra K SHARMA | Administration | India | Asia & Pacific |  | OR | O | OR | O |
| Question 1/2 | Vice-Rapporteur | Mr Yoshihiro NAKAYAMA | Administration | Japan | Asia & Pacific | O | O | O | O | O |
| Question 1/2 | Vice-Rapporteur | Mr Álvaro NEIRA | Axon Partners Group | Spain | Europe |  |  |  |  |  |
| Question 2/2 | Co-Rapporteur | Mr Isao NAKAJIMA | Administration | Japan | Asia & Pacific | O | O | O | O | O |
| Question 2/2 | Co-Rapporteur | Mr Done-Sik YOO | Administration | Korea (Republic of) | Asia & Pacific | O | O | O | OR | OR |
| Question 2/2 | Vice-Rapporteur | Mr Osther Rock BADOU | Administration | Benin | Africa | O | O |  |  |  |
| Question 2/2 | Vice-Rapporteur | Ms Allomo Francine Tania LOGBO | Administration | Côte d'Ivoire | Africa | OR | O | OR | OR | O |
| Question 2/2 | Vice-Rapporteur | Mr Ibrahima SYLLA | Administration | Guinea | Africa |  |  | OR |  |  |
| Question 2/2 | Vice-Rapporteur | Mr Robert Kwambai CHIRCHIR | Administration | Kenya (Republic of) | Africa | OR | O | O | O | O |
| Question 2/2 | Vice-Rapporteur | Mr Gregory DOMOND | Administration | Haiti (Republic of) | Americas |  | O | O |  | (Stepped down in July 2024) |
| Question 2/2 | Vice-Rapporteur | Ms Alicia TAMBE | Administration | United States of America | Americas | O | O | O | O |  |
| Question 2/2 | Vice-Rapporteur | Mr Geraldo NETO | Telecommunications Management Group, Inc | United States of America | Americas | OR | OR | OR |  | OR |
| Question 2/2 | Vice-Rapporteur | Ms Shan XU | Administration | China (People's Republic of) | Asia & Pacific | OR | O |  |  |  |
| Question 2/2 | Vice-Rapporteur | Mr Sandeep Kumar GUPTA | Administration | India | Asia & Pacific | (Not appointed yet) | OR |
| Question 2/2 | Vice-Rapporteur | Mr Mayank MRINAL | Administration | India | Asia & Pacific |  |  |  |  | (Stepped down in May 2024) |
| Question 2/2 | Vice-Rapporteur | Mr Arseny PLOSSKY | Administration | Russian Federation | CIS countries | O | O | O | O | O |
| Question 2/2 | Vice-Rapporteur | Ms Kübra DIRI | Administration | Türkiye | Europe | OR |  |  |  |  |
| Question 3/2 | Co- Rapporteur | Ms Vanessa Copetti CRAVO | Administration | Brazil (Federative Republic of) | Americas | O | O | O | O | O |
| Question 3/2 | Co-Rapporteur | Ms Nicole DARABIAN | Administration | United Kingdom of Great Britain and Northern Ireland | Europe | O(as Vice-Rapporteur) | O(as Vice-Rapporteur) | O | O | O |
| Question 3/2 | Co-Rapporteur | Ms Jabin VAHORA | Administration | United States of America | Americas | O | O | (Stepped down in October 2023) |
| Question 3/2 | Vice-Rapporteur | Mr Idrissa DIALLO | Administration | Guinea | Africa | OR |  |  |  |  |
| Question 3/2 | Vice-Rapporteur | Mr Rodgers MUMELO | Administration | Kenya (Republic of) | Africa | OR | O | O | O | O |
| Question 3/2 | Vice-Rapporteur | Mr Sidy Mouhamed FALL | Administration | Senegal (Republic of) | Africa | O | O | O | O |  |
| Question 3/2 | Vice-Rapporteur | Mr Damnam K. BAGOLIBE | Administration | Togolese Republic | Africa | OR | OR | O |  |  |
| Question 3/2 | Vice-Rapporteur | Ms Kacie YEAROUT | Administration | United States of America | Americas | (Not appointed yet) | O | O |  |
| Question 3/2 | Vice-Rapporteur | Ms Xinxin WAN | Administration | China (People's Republic of) | Asia & Pacific |  | OR |  | OR |  |
| Question 3/2 | Vice-Rapporteur | Mr Prachish KHANNA | Administration | India | Asia & Pacific |  |  |  | O |  |
| Question 3/2 | Vice-Rapporteur | Mr Jaesuk YUN | Administration | Korea (Republic of) | Asia & Pacific | OR | O | OR | OR |  |
| Question 3/2 | Vice-Rapporteur | Mr Teng MA | China International Telecommunication Construction Corporation | China (People’s Republic of) | Asia & Pacific |  | O | OR | O | O |
| Question 3/2 | Vice-Rapporteur | Ms Maria BOLSHAKOVA | Administration | Russian Federation | CIS countries | O | O | O | (Stepped down in April 2024) |
| Question 3/2 | Vice-Rapporteur | Ms Uliana STOLIAROVA | Administration | Russian Federation | CIS countries | (Not appointed yet) | OR |
| Question 3/2 | Vice-Rapporteur | Mr Doğukan Ömer GÜR | Administration  | Türkiye | Europe | OR | OR |  | O |  |
| Question 3/2 | Vice-Rapporteur | Mr Alvaro GARCIA | Axon Partners Group  | Spain | Europe | (Not appointed yet) |  |
| Question 3/2 | Vice-Rapporteur | Mr Samuel TEW | Axon Partners Group  | Spain | Europe | OR | O | OR | (Stepped down in April 2024) |
| Question 3/2 | Vice-Rapporteur | Mr Daniel BATTY | Access Partnership Ltd | United Kingdom of Great Britain and Northern Ireland | Europe | OR | OR |  | (Stepped down in April 2024) |
| Question 3/2 | Vice-Rapporteur | Mr Tommaso DE ZAN | Access Partnership Ltd | United Kingdom of Great Britain and Northern Ireland | Europe | (Not appointed yet) | OR |
| Question 4/2 | Rapporteur | Mr Ibrahima SYLLA | Administration | Guinea | Africa | OR | OR | OR | O | OR |
| Question 4/2 | Vice-Rapporteur | Ms Awa Koko Valéry Nadège TRAORE Epouse GOUE | Administration | Côte d'Ivoire (Republic of) | Africa | OR | O | O | OR | O |
| Question 4/2 | Vice-Rapporteur | Mr Diao TOURE | Administration | Guinea | Africa |  |  |  |  |  |
| Question 4/2 | Vice-Rapporteur | Mr Serigne Abdou Lahatt SYLLA | Administration | Senegal (Republic of) | Africa | OR | OR | OR | O | OR |
| Question 4/2 | Vice-Rapporteur | Mr Junzhi YAN | Administration | China (People’s Republic of) | Asia & Pacific | OR |  | OR |  |  |
| Question 4/2 | Vice-Rapporteur | Mr Jiawei ZANG | Administration | China (People’s Republic of) | Asia & Pacific | OR |  |  | OR |  |
| Question 4/2 | Vice-Rapporteur | Mr Kishik PARK | Administration | Korea (Republic of) | Asia & Pacific | OR |  | (Stepped down in October 2024) |
| Question 4/2 | Vice-Rapporteur | Ms Tharalika LIVERA | Administration | Sri Lanka (Democratic Socialist Republic of) | Asia & Pacific | O |  | O |  |  |
| Question 4/2 | Vice-Rapporteur | Mr Sergei MELNIK | International Telecommunication Academy | Russian Federation | CIS countries | OR | O | O | O | O |
| Question 4/2 | Vice-Rapporteur | Ms Helen KYEYUNE | Access Partnership Ltd | United Kingdom of Great Britain and Northern Ireland | Europe | OR |  |  |  | (Stepped down in Sep 2024) |
| Question 5/2 | Co-Rapporteur | Mr Abdulkarim OLOYEDE | Administration | Nigeria | Africa | O | O | O | O | O |
| Question 5/2 | Co-Rapporteur | Ms Sha WEI | Administration | China (People’s Republic of) | Asia & Pacific | OR | O | O | OR | OR |
| Question 5/2 | Vice-Rapporteur | Mr Ahmadou Dit Adi CISSE | Administration | Mali (Republic of) | Africa | O | O | O | O | O |
| Question 5/2 | Vice-Rapporteur | Mr Babou SARR | Administration | Senegal (Republic of) | Africa | OR | O |  |  |  |
| Question 5/2 | Vice-Rapporteur | Ms Armelle MANKO | RIFEN |  | Africa | OR |  |  | OR | O |
| Question 5/2 | Vice-Rapporteur | Mr Turhan MULUK | Intel Corporation | United States of America | Americas | OR | OR | O | OR | OR |
| Question 5/2 | Vice-Rapporteur | Mr Guoqing LI | Administration | China (People’s Republic of) | Asia & Pacific | OR | O |  | O |  |
| Question 5/2 | Vice-Rapporteur | Mr Labh SINGH | Administration | India | Asia & Pacific |  |  |  |  |  |
| Question 5/2 | Vice-Rapporteur | Mr N Kishor NARANG | Administration | India | Asia & Pacific |  |  |  |  |  |
| Question 5/2 | Vice-Rapporteur | Ms Niver Bengü KARABACAK | Administration | Türkiye | Europe | OR | OR |  | O | OR |
| Question 6/2 | Rapporteur | Ms Aprajita SHARRMA | Administration | India | Asia & Pacific | OR | OR | OR | OR | OR |
| Question 6/2 | Vice-Rapporteur | Mr Apollinaire BIGIRIMANA | Administration | Burundi | Africa | O | O |  | O | OR |
| Question 6/2 | Vice-Rapporteur | Ms Gnakri Isabelle Sonia GNABRO Epouse KAKOU | Administration | Côte d'Ivoire (Republic of) | Africa |  | O |  | OR | OR |
| Question 6/2 | Vice-Rapporteur | Mr Thomas Wambua LUTI | Administration | Kenya (Republic of) | Africa | OR | O | O | OR | OR |
| Question 6/2 | Vice-Rapporteur | Mr Issa CAMARA | Administration | Mali (Republic of) | Africa | O | O |  | O | O |
| Question 6/2 | Vice-Rapporteur | Mr Gregory DOMOND | Administration | Haiti (Republic of) | Americas | O | O | O |  | (Stepped down in July 2024) |
| Question 6/2 | Vice-Rapporteur | Mr Shang LI | Administration | China (People’s Republic of) | Asia & Pacific | OR | OR | OR | OR | OR |
| Question 6/2 | Vice-Rapporteur | Mr Yasumitsu TOMIOKA | Administration | Japan | Asia & Pacific | O |  |  |  |  |
| Question 6/2 | Vice-Rapporteur | Mr Sang-hun LEE | Administration | Korea (Republic of) | Asia & Pacific | OR | OR | OR | OR | OR |
| Question 6/2 | Vice-Rapporteur | Mr Jean-Manuel CANET | Administration | France | Europe | (Not appointed yet) |  |
| Question 6/2 | Vice-Rapporteur | Ms Julia NIETSCH | Administration | France | Europe | OR | OR | OR | (Stepped down in May 2024) |
| Question 6/2 | Vice-Rapporteur | Mr Ethan MUDAVANHU | Access Partnership Ltd | United Kingdom of Great Britain and Northern Ireland | Europe | OR |  | OR | OR |  |
| Question 7/2 | Co-Rapporteur | Mr Tongning WU | Administration | China (People's Republic of) | Asia & Pacific | O | O | O | O | O |
| Question 7/2 | Co-Rapporteur | Mr Haim MAZAR | Administration | Israel | Europe | OR | O | OR | O | OR |
| Question 7/2 | Vice-Rapporteur | Ms Keamogetswe MATOMELA | Administration | Botswana (Republic of) | Africa |  |  |  |  |  |
| Question 7/2 | Vice-Rapporteur | Mr Diarrassouba BAKARY | Administration | Côte d'Ivoire (Republic of) | Africa |  | O |  |  |  |
| Question 7/2 | Vice-Rapporteur | Mr Diao TOURE | Administration | Guinea | Africa |  |  |  |  |  |
| Question 7/2 | Vice-Rapporteur | Ms Aminata Niang DIAGNE | Administration | Senegal (Republic of) | Africa | O | OR | OR | OR |  |
| Question 7/2 | Vice-Rapporteur | Mr Gregory DOMOND | Administration | Haiti (Republic of) | Americas | O | O | O |  | (Stepped down in July 2024) |
| Question 7/2 | Vice-Rapporteur | Mr Wenhua MA | China Institute of Communications | China (People's Republic of) | Asia & Pacific | OR | OR | O | O | OR |
| Question 7/2 | Vice-Rapporteur | Mr Hüseyin Avni YAVUZARSLAN | Administration | Türkiye | Europe | OR | OR |  |  |  |

**Annex 2: List of ITU-D Study Group coordinators on key topics of interest**

**Table 3A: List of appointed coordinators**

|  |  |
| --- | --- |
| **Topic** | **Responsible person(s)** |
| 1. Backup to the SG chair | Mr Dominique WÜRGES (France) |
| 2. Plenary liaison statements | Mr Mohamed Lamine MINTHE (Guinea) |
| 3. Joint activities (annual deliverables, workshops, webinars) | Mr Diyor RAJABOV (Uzbekistan) (until September 2024) |
| 4. Council working groups | Mr Abdelaziz ALZAROONI (UAE) |
| 5. Youth and women engagement | Ms Alina MODAN (Romania) (until June 2023)Ms Madalina CLAPON (Romania) (from October 2023) |
| 6. Delegate on-boarding (e.g. induction) | Mr Victor Antonio MARTÍNEZ SÁNCHEZ (Paraguay) |
| 7. WTDC Resolution 9 | Mr Hideo IMANAKA (Japan)Mr Haim MAZAR (ATDI, France) |
| 8. Statistics (EGTI, EGH) | Ms Mina Seonmin JUN (Rep. of Korea) |
| 9. ITU-CCT (Vocabulary) | Mr Tongning WU (China) |
| 10. Inter-sectoral mappings | Mr Haim MAZAR (ATDI, France)Mr Arseny PLOSSKY (Russian Federation) |
| 11. Synergies of study Questions with ITU actions (e.g. projects) | Ms Zainab ARDO (Nigeria)Mr Mushfig GULUYEV (Azerbaijan) |
| 12. Dashboard for monitoring Question progress | Q1/2, Q2/2: Mr Diyor RAJABOV (Uzbekistan) (until September 2024)Q3/2, Q5/2, Q6/2: Mr Dominique WÜRGES (France)Q4/2, Q7/2: Mr Tongning WU (China) |
| 13. Coordination with TSAG Rapporteur Group on sustainable Digital Transformation (RG-DT) | Mr Mohamed Lamine MINTHE (Guinea) |
| 14. Future study Questions | Mr Abdelaziz ALZAROONI (UAE) (until December 2024)Mr Victor Antonio MARTÍNEZ SÁNCHEZ (Paraguay) (from January 2025) |

**Annex 3: ITU-D Study Group 2 meetings and Rapporteur Group meetings (2022-2025)**

**Table 4A: List of ITU-D Study Group 2 and Rapporteur Group meetings**

| **Study Group / Rapporteur Group meeting** | **Date and location** |
| --- | --- |
| **Study Group 2 meetings** |  |
| [Fourth meeting of ITU-D Study Group 2](https://www.itu.int/net4/ITU-D/CDS/sg/blkmeetings.asp?lg=1&stg=&sp=2022&blk=29015) | 5-9 May 2025, Switzerland [Geneva] |
| [Third meeting of ITU-D Study Group 2](https://www.itu.int/net4/ITU-D/CDS/sg/blkmeetings.asp?lg=1&stg=&sp=2022&blk=28817) | 11-15 November 2024, Switzerland [Geneva] |
| [Second meeting of ITU-D Study Group 2](https://www.itu.int/net4/ITU-D/CDS/sg/blkmeetings.asp?lg=1&sp=2022&blk=28246) | 30 Oct – 3 Nov 2023, Switzerland [Geneva] |
| [First meeting of ITU-D Study Group 2](https://www.itu.int/net4/ITU-D/CDS/sg/blkmeetings.asp?lg=1&sp=2022&blk=28157) | 5-9 December 2022, Switzerland [Geneva] |
| **Rapporteur Group meetings** |  |
| [Rapporteur Group meetings](https://www.itu.int/net4/ITU-D/CDS/sg/blkmeetings.asp?lg=1&stg=&sp=2022&blk=28791) | 29 April – 10 May 2024, Switzerland [Geneva] |
| [Rapporteur Group meetings](https://www.itu.int/net4/ITU-D/CDS/sg/blkmeetings.asp?lg=1&stg=&sp=2022&blk=28225) | 22 May – 2 June 2023, Switzerland [Geneva] |

All associated workshops and webinars are detailed in the ITU-D study groups website on the page dedicated to workshops and other events (see <https://www.itu.int/en/ITU-D/Study-Groups/2022-2025/Pages/events_workshops.aspx>).

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1. See <https://www.itu.int/en/ITU-D/Study-Groups/2022-2025/Pages/reference/Ongoing-Work.aspx> [↑](#footnote-ref-2)
2. *Ibid.* [↑](#footnote-ref-3)
3. See the full list in <https://www.itu.int/en/ITU-D/Study-Groups/2022-2025/Pages/events_workshops.aspx>. [↑](#footnote-ref-4)
4. <https://www.itu.int/en/ITU-D/Regional-Presence/Americas/Pages/EVENTS/2024/cons-awa-2024.aspx> [↑](#footnote-ref-5)
5. See <https://www.itu.int/en/ITU-D/Study-Groups/2022-2025/Pages/reference/Ongoing-Work.aspx> [↑](#footnote-ref-6)
6. <https://www.itu.int/en/ITU-D/Regional-Presence/Americas/Pages/EVENTS/2024/cons-awa-2024.aspx> [↑](#footnote-ref-7)
7. The summary records of the ITU-CCT meeting held on 11 March 2025 was not available at the time of writing. [↑](#footnote-ref-8)
8. While several other contributions on youth on women were submitted to various study Questions, they are omitted here for simplicity. [↑](#footnote-ref-9)
9. See “*Outcome document of the high-level meeting of the General Assembly on the overall review of the implementation of the outcomes of the World Summit on the Information Society*”, [Res. A/70/125](https://unctad.org/en/PublicationsLibrary/ares70d125_en.pdf). [↑](#footnote-ref-10)
10. The contributions repository & dashboard can be found [here](https://www.itu.int/en/ITU-D/Study-Groups/2022-2025/Pages/TIES_Protected/contributions_dashboard_2022_2025.aspx). [↑](#footnote-ref-11)
11. <https://translate.itu.int/documents>. [↑](#footnote-ref-12)