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| **Telecommunication DevelopmentAdvisory Group (TDAG)****31st Meeting, Geneva, Switzerland, 20-23 May 2024** | A close up of a sign  Description automatically generated |
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|  | **Document** **TDAG-24/****6(Rev.1)-E** |
|  | **17 May 2024** |
|  | **Original: English** |
| Chair, ITU-D Study Group 2 |
| ITU-D Study Group 2 – Activities and progress |
|  |
| **Summary:**This report presents to TDAG the current status of ITU-D Study Group 2 (SG2). It provides some highlights from the second meeting of SG2 for the 2022-2025 study period which was held from 30 October to 3 November 2023, as well as the rapporteur group meetings of SG2 held from 29 April to 10 May 2024, and reviews the work plan. It can be noted that the rapporteur groups for all seven SG2 Questions are progressing well towards WTDC’s expected outputs.**Action required:**TDAG is invited to note this document and provide guidance as deemed appropriate.**References:**WTDC Resolution 2 (Rev. Kigali, 2022), Resolution 1 (Rev. Kigali, 2022) |

# Highlights

Highlights from the second SG2 meeting for the 2022-2025 study period include:

* 195 participants and 54 Member States;
* 120[[1]](#footnote-2) documents to continue the work for the 2022-2025 study period;
* 3 outgoing liaison statements were agreed upon and dispatched;
* Five new appointments (1 vice-chair, 3 co-rapporteurs and 1 vice-rapporteur) were made to reinforce the management teams, after the previous role bearers stepped down due to career movements;
* One new interim deliverable was approved (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.
* Several topics and proposals for collaboration were explored, including engagement on youth and women, statistics and related indicators, synergies with BDT projects and WSIS, as well as on topics handled by the assigned SG2 coordinators.
* Two information sessions were held: the first one to showcase the new interim deliverable on cybersecurity assurance practices, the second one presented selected ITU projects related to digital transformation and their impacts in the field. Both events were successfully held with good engagement.

Highlights from the second block of SG2 rapporteur group meetings held from 29 April to 10 May 2024 include:

* 221 participants and 52 Member States;
* 123[[2]](#footnote-3) documents to progress the work;
* 2 outgoing liaison statements were agreed and dispatched;
* 7 workshops were held in conjunction of the rapporteur group meetings on specific topics related to the terms of reference of study Questions;
* The meetings reviewed draft chapters of final reports, updated their draft work plans and tables of contents of final reports as appropriate, based on progresses made;
* Activities of the TDAG Working Group on future Study Group Questions (TDAG-WG-futureSGQ) were shared to encourage collaboration and contributions from members in preparation for the next WTDC.

# WTDC-22 decisions with impact on ITU-D study groups

# Scope of work

ITU-D Study Group 2 (SG2) was established in accordance with WTDC Resolution 2 (Rev. Kigali, 2022) to study Questions and issues relating to digital transformation. As described in Annex 1 to this Resolution, SG2 is responsible for substantive topics in the following areas:

* Telecommunications/ICTs for e-services, including e-health and e-education
* Building confidence and security in the use of ICTs
* Using telecommunications/ICTs for monitoring and mitigating the impact of climate change, and consideration of the circular economy and safe disposal of electronic waste
* Combating counterfeit telecommunication/ICT devices and theft of mobile telecommunication devices
* Implementation of conformance and interoperability testing for telecommunication/ICT devices and equipment
* Human exposure to electromagnetic fields
* Challenges and prospects for developing countries in access to emerging technologies, platforms, applications and use cases
* Using telecommunications/ICTs to create smart cities and the information society
* Adoption of telecommunications/ICTs and improving digital skills.

# Study Group 2 Questions

As described in Annex 2 to Resolution 2, the formal titles of the SG2 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 Question or issue for study, the expected output and the required timing for the output, can be found in Part V (ITU-D Study Questions and their terms of reference) of the Final Report of the World Telecommunication Development Conference 2022 (WTDC-22)[[3]](#footnote-4).

# Study Group 2 management

WTDC-22 designated the SG2 leadership for the study period 2022-2025.

Mr Fadel Digham (Egypt) serves as Chair of ITU-D SG2; he has been ably assisted by the following vice-chairs:

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

The SG2 vice-chairs actively follow the work assigned by WTDC-22, providing sound and valuable advice to the chair on all issues related to the study group. Some vice-chairs are also co-rapporteurs and vice-rapporteurs of study group Questions.

The list of appointed chair and vice-chairs of SG2 can be found in **Annex 1** of this report. In conformance with provision 3.2.8 of WTDC Resolution 1 (Rev. Kigali, 2022), this annex includes also information on their attendance in the previous study group and rapporteur group meetings. It should also be noted that a new vice-chair from Europe was appointed during the second SG2 plenary meeting in October 2023 after a vice-chair from the same region stepped down, in accordance with Article 244 of the ITU Convention.

# Working methods

Specific coordination roles within SG2 were assigned to individuals. These roles were primarily filled by the vice-chairs of SG2, in accordance with provision 3.2.3 of WTDC Resolution 1, and assignments were made following an expression of interest from the SG2 vice-chairs. When a role could not be filled by any SG2 vice-chair, additional members, such as rapporteurs and vice-rapporteurs were invited to take on the role.

During and after the second meeting of SG2, two additional roles were assigned to ensure coordination with the TSAG Rapporteur Group on Digital Transformation (TSAG RG-DT) and the TDAG Working Group on the future of Study Group Questions (TDAG-WG-futureSGQ). The list of assigned individuals and their roles can be found in **Annex 2** of this report.

# Strategy and work plan for Study Group 2

Study Group 2 works in accordance with the scope of work defined in WTDC Resolution 2 (“Establishment of study groups”) to reach its expected results for the 2022-2025 study period. The second meeting in 2023 reviewed the SG2 work plan, presented in **Annex 3** of this report, and adopted it without changes.

In accordance with the work plan, the second annual meeting focused on reviewing annual progress reports and an interim deliverable, as well as continuing to compile case studies, discussions, and national experiences to enrich the work.

The success of workshops conducted during the first meeting was also emphasized, which resulted in more than 50 presentations. Members were encouraged to plan for the workshops at the next rapporteur meeting, continuing with the same momentum.

# Overview of the work of ITU-D Study Group 2

# Second Study Group 2 meeting for the study period (30 October – 3 November 2023)

The second meeting of ITU-D Study Group 2 following the 2022 World Telecommunication Development Conference (WTDC-22) was held from 30 October to 3 November 2023 with 195 participants and 54 Member States present[[4]](#footnote-5). 45% of participants were women expert delegates and 13 fellowships were granted. Participation by membership category is detailed below:



**Figure 1: Distribution of participants by membership category (October-November 2023)**

A detailed list of participants can be found in Document [2/ADM/43](https://www.itu.int/md/D22-SG02-ADM-0043). Preliminary statistics summarizing participation by region, contributions by Question, and other data may be found in Document [2/ADM/25 + annex](https://www.itu.int/md/D22-SG02-ADM-0025/en). Webcast as well as interactive, multilingual remote participation were provided; the full archives of the meetings are available [here](https://www.itu.int/net4/ITU-D/CDS/sg/webcast_archive.asp?lg=1&sp=2022&stg=&mtg=28157). All meeting documents can be downloaded from the [meeting website](https://www.itu.int/net4/ITU-D/CDS/sg/blkmeetings.asp?lg=1&sp=2022&blk=28246) (TIES access is required).

The BDT Director and the Chair of Study Group 2 were joined by the following appointed SG2 vice-chairs: Mr Abdelaziz Alzarooni (United Arab Emirates), Ms Zainab Ardo (Nigeria), Ms Carmen Madalina Clapon (Romania), Mr Mushfig Guluyev (Azerbaijan – participated remotely), Mr Hideo Imanaka (Japan), Ms Mina Seonmin Jun (Republic of Korea), Mr Mohamed Lamine Minthe (Guinea), Mr Víctor Antonio Martínez Sánchez (Paraguay), Mr Diyor Rajabov (Uzbekistan), Mr Tongning Wu (China), and Mr Dominique Würges (France). Together, the team guided SG2 through 120 documents submitted to advance the work.

The second meetings considered the expected results agreed upon by the membership at WTDC-22, identified methods for conducting its work and developing draft work plans for each study Question. Draft initial outlines/tables of contents of the expected outputs for all Questions and detailed lists of responsibilities were also prepared.

This second meeting reviewed the work progress made by the SG2 rapporteur groups over the first year. Good progress was made overall, while some topics were identified where more contributions were needed. Members were encouraged to contribute further on these identified topics to fill the missing gaps.

Four new rapporteur/vice-rapporteur appointments (3 co-rapporteurs and 1 vice-rapporteur) were made after the previous role bearers stepped down as they underwent career movements. **Annex 1** to this report shares the updated list of appointed (co-)rapporteurs and vice-rapporteurs. In conformance with provisions 3.3.9 of WTDC Resolution 1, this annex includes also information on attendance of the management team members in previous study group and rapporteur group meetings. During this SG2 meeting, the management teams met several times in order to ensure effective communication and understanding between them in preparation for their respective meetings and to meet their objectives.

SG2 reviewed and approved one new interim deliverable from Question 3/2 on “Cybersecurity assurance practices”[[5]](#footnote-6). 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. It was developed based on contributions submitted by the membership and on the discussion of a dedicated Workshop on Cybersecurity Assurance Practices, which was held in May 2023. A related information session was also held during this SG2 meeting to better inform the membership about this interim deliverable[[6]](#footnote-7).

Several topics and proposals for collaboration were also explored, including engagement of youth and women, statistics and related indicators, synergies with BDT projects and WSIS, as well as topics handled by the assigned SG2 coordinators. More information can be found in **Section 3** of this report.

An information session on BDT projects for digital transformation[[7]](#footnote-8) took place on 30 October 2023 in conjunction with the opening plenary. This information session presented some selected ITU projects related to digital transformation and their impacts in the field. Information and experience shared during this session were helpful as inputs to complete the final reports of the study Questions concerned, and will serve as a good basis for exploring further coordination and collaboration opportunities with SG2 activities.

# Reports of rapporteur group meetings – October-November 2023

Reports of the individual rapporteur group meetings held in October-November 2023 can be found at the following links:

* Question 1/2 available here: ([November 2023](https://www.itu.int/md/D22-SG02-R-0010/en))
* Question 2/2 available here: ([October 2023](https://www.itu.int/md/D22-SG02-R-0011/en))
* Question 3/2 available here: ([October 2023](https://www.itu.int/md/D22-SG02-R-0012/en))
* Question 4/2 available here: ([November 2023](https://www.itu.int/md/D22-SG02-R-0013/en))
* Question 5/2 available here: ([November 2023](https://www.itu.int/md/D22-SG02-R-0014/en))
* Question 6/2 available here: ([November 2023](https://www.itu.int/md/D22-SG02-R-0015/en))
* Question 7/2 available here: ([November 2023](https://www.itu.int/md/D22-SG02-R-0016/en))

# 2024 Study Group 2 rapporteur group meetings and public workshops (29 April - 10 May 2024)

The 2024 Rapporteur Group meetings of ITU-D Study Group 2 following the 2022 World Telecommunication Development Conference (WTDC-22) was held from 29 April to 10 May 2024 with 221 participants and 52 Member States present[[8]](#footnote-9). 38% of participants were women expert delegates and 17 fellowships were granted. Participation by membership category is detailed below:



**Figure 2: Distribution of participants by membership category (April-May 2024)**

A detailed list of participants can be found in Document [SG2RGQ/ADM/48](https://www.itu.int/md/D22-SG02.RGQ-ADM-0048). Webcast as well as interactive, multilingual remote participation were provided; the full archives of the meetings are available [here.](https://www.itu.int/net4/ITU-D/CDS/sg/webcast_archive.asp?lg=1&sp=2022&stg=&mtg=28157) All meeting documents can be downloaded from the [meeting website](https://www.itu.int/net4/ITU-D/CDS/sg/blkmeetings.asp?lg=1&stg=&sp=2022&blk=28791) (TIES access is required).

The Rapporteur Group meetings continued reviewing contributions with case studies and lessons learned from members, as well as refining the work plans and outlines of SG2 Question deliverables. The meetings received 123 documents (including 19 liaison statements) to progress the work, and 2 outgoing liaison statements were dispatched following the meetings.

Several chapters of final reports were also reviewed based on contributions received during this study period. The Question management teams will need to focus their efforts on completing the remaining parts of their final reports during this year, considering the shortened time available compared to previous study periods. More contributions from members would be also beneficial to complement their studies in some topics.

The groups also reviewed their draft work plans and tables of contents of final reports. Some tables of contents were updated, for example to better reflect specific areas within the scope of their Question or to avoid potential overlaps with other Questions.

In order to start preparations for the next WTDC, discussions and results of the first meeting of the TDAG Working Group on future Study Group Questions (TDAG-WG-futureSGQ) were shared during these meetings. Participants were particularly drawn to the attention that, in accordance with its proposed terms of reference, this TDAG WG will serve as a single platform for focused discussions on future study Questions. Members were therefore encouraged to submit their contributions related to this topic directly to this TDAG WG.

Simlarly to last year, several public workshops were organized in conjunction with these meetings in order to deepen knowledge in specific areas of study. Experts of various communities were invited for this purpose, including from outside the ITU membership in accordance with the relevant provision of WTDC Resolution 1 (Rev. Kigali, 2022). In total seven workshops were held with 54 experts invited as moderators or speakers in total, on the following topics:

* Question 1/2: Workshop on digital smart city/community policies and business models to ensure stakeholder involvement and yield sustainable development (1 May 2024, [programme](https://www.itu.int/en/ITU-D/Study-Groups/2022-2025/Pages/meetings/workshop-Q1-2_april24.aspx));
* Question 2/2: Workshop on best practice models and enabling technology for digital transformation in e-health, e-education, and other e-applications (29 April 2024, [programme](https://www.itu.int/en/ITU-D/Study-Groups/2022-2025/Pages/meetings/workshop-Q2-2_april24.aspx));
* Question 3/2: Workshop on 5G cybersecurity (2 May 2024, [programme](https://www.itu.int/en/ITU-D/Study-Groups/2022-2025/Pages/meetings/workshop-Q3-2_may24.aspx));
* Question 4/2: Workshop on techniques designed to promote harmonization of C&I regimes (10 May 2024, [programme](https://www.itu.int/en/ITU-D/Study-Groups/2022-2025/Pages/meetings/workshop-Q4-2_may24.aspx));
* Question 5/2: Workshop on digital skills development: policies, strategies, and national experiences for a better future (8 May 2024, [programme](https://www.itu.int/en/ITU-D/Study-Groups/2022-2025/Pages/meetings/workshop-Q5-2_may24.aspx));
* Question 6/2: Workshop on circular economy considerations and new technologies for combatting climate change (6 May 2024, [programme](https://www.itu.int/en/ITU-D/Study-Groups/2022-2025/Pages/meetings/workshop-Q6-2_may24.aspx));
* Question 7/2: Workshop on recent developments relevant to EMF policy formulation (8 May 2024, [programme](https://www.itu.int/en/ITU-D/Study-Groups/2022-2025/Pages/meetings/workshop-Q7-2_may24.aspx)).

Main summaries and outcomes of these workshops are described in the annexes of the rapporteur group meeting reports (see section 2.3). Insightful and useful information gathered during the sessions will contribute towards the development of interim deliverables, final reports, and any other outputs as appropriate.

The Question management teams communicated regularly and met online as appropriate to maintain continued work progress. A SG2-level management team meeting was held on 13 March 2024 to review the status of preparations in order to provide an opportunity to share preparation methods with each other and to ensure alignment across the Questions where needed. The SG2 Chair held a physical meeting on 1 May with Questions (co-)rapporteurs while some of them participated online. The purpose of the meeting was to check the progress of the final reports, potential interim deliverables, and the role of different vice-rapporteurs.

# Reports of rapporteur group meetings – April-May 2024

Reports of the individual rapporteur group meetings held in April-May 2024 can be found at the following links:

* Question 1/2 available here: ([May 2024](https://www.itu.int/md/D22-SG02.RGQ-R-0008))
* Question 2/2 available here: ([April 2024](https://www.itu.int/md/D22-SG02.RGQ-R-0009))
* Question 3/2 available here: ([May 2024](https://www.itu.int/md/D22-SG02.RGQ-R-0010))
* Question 4/2 available here: ([May 2024](https://www.itu.int/md/D22-SG02.RGQ-R-0011))
* Question 5/2 available here: ([May 2024](https://www.itu.int/md/D22-SG02.RGQ-R-0012))
* Question 6/2 available here: ([May 2024](https://www.itu.int/md/D22-SG02.RGQ-R-0013))
* Question 7/2 available here: ([May 2024](https://www.itu.int/md/D22-SG02.RGQ-R-0014))

# Collaboration topics

# Youth and women engagement in the work of ITU-D study groups

Two contributions were reviewed during the second annual meeting of SG2. The first contribution highlighted the importance of incorporating a youth-centric perspective in ITU-D's efforts to foster an inclusive digital society, economy, and environment. The second contribution highlighted the activities and programs delivered by BDT to promote gender equality and women's inclusion in the digital sector. Both contributions were appreciated by the participants.

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 while respecting the existing rules and procedures. Several practical ideas were discussed, which the management teams considered for further exploration.

# ITU Coordination Committee for Terminology (ITU CCT)

In accordance with provision 12.3 of WTDC Resolution 1, a vice-chair of SG2 was appointed as an ITU-D representative to the 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 CCT, which agrees on and adopts terms and definitions in the field of telecommunications/ICTs.

Since the last TDAG meeting, ITU CCT met twice, on 21 July 2023 and 26 September 2023. The meetings focused on discussing new terms and definitions, reviewing input documents, and following up on the ITU terminology database. Members were encouraged to stay updated and participate actively in the ITU‑CCT's work. Some comments raised questions whether new terms related to SG2 activities such as digital security should be raised for discussion in ITU-CCT. While no decision was made during the SG2 meeting, all rapporteur groups were invited to discuss any new terms as they develop their final reports, and follow-up through liaison statements with ITU-CCT through the SG2 coordinator as appropriate.

# Collaboration with WSIS

A document was presented to SG2 and which outlined the WSIS process, Forum, and 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 Forum 2023 as well as information on WSIS Forum 2024, 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 the previous study period.

# Synergies with statistics and related indicators

SG2 reviewed an overview of ITU-D’s statistical products and activities in 2023. It highlighted ongoing work in covering the full data life cycle, including defining standards for ICT indicators, collecting data, building capacity for partners and countries, disseminating data, and analysing it.

SG2 also discussed the outcomes of the 14th Meeting of the ITU Expert Group on Telecommunication/ICT Indicators (EGTI) and of the 11th Meeting of the ITU Expert Group on ICT Household Indicators (EGH), including discussions about their future work.

Considering the ongoing work of EGTI and EGH on topics that are of interest to the SG2 Questions, such as indicators on 5G/IMT-2020, OTT services, e-waste, and ICT skills, SG2 will continue to collaborate with these expert groups in order to explore new synergies through the assigned SG2 coordinator.

# Synergies with BDT projects and initiatives

SG2 reviewed an updated overview of the implementation of the project function in ITU, with special focus in presenting linkages between ITU projects implemented by BDT and ITU-D study Questions. ITU projects continue to be a significant part of the activities implemented by BDT in terms of the direct assistance they provide to developing countries.

As described in Section 2.1, and considering the close linkages of many BDT projects with ITU study Questions, an information session was held to present a number of selected BDT projects linked with SG2 activities. This session was led by the assigned SG2 coordinators on this topic and has been very helpful in complementing the final reports under SG2 and for exploring more areas of synergies between SG2 and the BDT project activities.

# Collaborative tools

Similarly to the previous study period, usage of [collaborative tools](https://www.itu.int/en/ITU-D/Study-Groups/2022-2025/Pages/reference/Collaborative-Tools.aspx) to facilitate collaborators’ electronic participation in the work of the ITU-D study groups, will continue. In addition to remote participation services and the webcast in the languages of the respective meeting, mailing lists and collaborative SharePoint sites were made available to participants and management team members. The contributions repository & dashboard[[9]](#footnote-10), which facilitates the search of previous contributions and their abstracts, was maintained on a regular basis.

A new feature introduced since the last TDAG now gives management team members the possibility to speak and see captions in their preferred language during their management team meetings. This feature has been greatly appreciated, particularly by the members who were not fluent in English and had difficulties in following the discussions.

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

# Conclusion and way forward

To continue its work, the next Study Group 2 meetings will take place in Geneva from 11 to 15 November 2024[[10]](#footnote-11). The rapporteur group meetings organized within the same week will allow rapporteurs, vice-rapporteurs and active participants to continue discussions related to their respective study Questions, with the main objective of stabilizing their final reports before submission for final approval. Efforts will continue to build synergies between study group topics, workshops through close coordination and collaboration with other ITU Sectors and the General Secretariat.

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

**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 |
| Question 1/2 | Co-Rapporteur | Mr Yétondji HOUEYETONGNON | Administration | Benin | Africa | (Not appointed yet) | O | O |
| Question 1/2 | Co-Rapporteur | Mr Diyor RAJABOV | Administration | Uzbekistan | CIS countries | (Not appointed yet) | O | OR |
| 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 |
| Question 1/2 | Vice-Rapporteur | Mr Cai CHEN | Administration | China (People's Republic of) | Asia & Pacific |  |  |  |  |
| Question 1/2 | Vice-Rapporteur | Mr Zhen ZHANG | Administration | China (People's Republic of) | Asia & Pacific |  |  | O |  |
| Question 1/2 | Vice-Rapporteur | Mr Hemendra K SHARMA | Administration | India | Asia & Pacific |  | OR | O | OR |
| Question 1/2 | Vice-Rapporteur | Mr Yoshihiro NAKAYAMA | Administration | Japan | Asia & Pacific | 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 |
| Question 2/2 | Co-Rapporteur | Mr Done-Sik YOO | Administration | Korea (Republic of) | Asia & Pacific | O | O | O | 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 |
| 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 |
| Question 2/2 | Vice-Rapporteur | Mr Gregory DOMOND | Administration | Haiti (Republic of) | Americas |  | O | O |  |
| 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 |  |
| Question 2/2 | Vice-Rapporteur | Ms Shan XU | Administration | China (People's Republic of) | Asia & Pacific | OR | O |  |  |
| Question 2/2 | Vice-Rapporteur | Mr Mayank MRINAL | Administration | India | Asia & Pacific |  |  |  |  |
| Question 2/2 | Vice-Rapporteur | Mr Arseny PLOSSKY | Administration | Russian Federation | CIS countries | 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 |
| 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 |
| Question 3/2 | Co-Rapporteur | Ms Jabin VAHORA | Administration | United States of America | Americas | O | O | (Stepped down in Oct 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 |
| 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 |
| Question 3/2 | Vice-Rapporteur | Ms Maria BOLSHAKOVA | Administration | Russian Federation | CIS countries | O | O | O | (Stepped down in Apr 2024) |
| Question 3/2 | Vice-Rapporteur | Mr Doğukan Ömer GÜR | Administration  | Türkiye | Europe | OR | OR |  | O |
| Question 3/2 | Vice-Rapporteur | Mr Samuel TEW | Axon Partners Group  | Spain | Europe | OR | O | OR | (Stepped down in Apr 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 Apr 2024) |
| Question 4/2 | Rapporteur | Mr Ibrahima SYLLA | Administration | Guinea | Africa | OR | OR | OR | O |
| Question 4/2 | Vice-Rapporteur | Ms Awa Koko Valéry Nadège TRAORE Epouse GOUE | Administration | Côte d'Ivoire (Republic of) | Africa | OR | O | O | OR |
| 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 |
| 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 |  |  |  |
| 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 |
| Question 4/2 | Vice-Rapporteur | Ms Helen KYEYUNE | Access Partnership Ltd | United Kingdom of Great Britain and Northern Ireland | Europe | OR |  |  |  |
| Question 5/2 | Co-Rapporteur | Mr Abdulkarim OLOYEDE | Administration | Nigeria | Africa | O | O | O | O |
| Question 5/2 | Co-Rapporteur | Ms Sha WEI | Administration | China (People’s Republic of) | Asia & Pacific | OR | O | O | OR |
| Question 5/2 | Vice-Rapporteur | Mr Ahmadou Dit Adi CISSE | Administration | Mali (Republic of) | Africa | 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 | Ecole Nationale Supérieure des Postes, Télécommunications et TIC | Cameroon | Africa | OR |  |  | OR |
| Question 5/2 | Vice-Rapporteur | Mr Turhan MULUK | Intel Corporation | United States of America | Americas | OR | OR | O | 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 |
| Question 6/2 | Rapporteur | Ms Aprajita SHARRMA | Administration | India | Asia & Pacific | OR | OR | OR | OR |
| Question 6/2 | Vice-Rapporteur | Mr Apollinaire BIGIRIMANA | Administration | Burundi | Africa | O | O |  | O |
| Question 6/2 | Vice-Rapporteur | Ms Gnakri Isabelle Sonia GNABRO Epouse KAKOU | Administration | Côte d'Ivoire (Republic of) | Africa |  | O |  | OR |
| Question 6/2 | Vice-Rapporteur | Mr Thomas Wambua LUTI | Administration | Kenya (Republic of) | Africa | OR | O | O | OR |
| Question 6/2 | Vice-Rapporteur | Mr Issa CAMARA | Administration | Mali (Republic of) | Africa | O | O |  | O |
| Question 6/2 | Vice-Rapporteur | Mr Gregory DOMOND | Administration | Haiti (Republic of) | Americas | O | O | O |  |
| Question 6/2 | Vice-Rapporteur | Mr Shang LI | Administration | China (People’s Republic of) | Asia & Pacific | 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 |
| 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 |
| Question 7/2 | Co-Rapporteur | Mr Haim MAZAR | ATDI | France | Europe | OR | O | OR | O |
| 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 |  |
| Question 7/2 | Vice-Rapporteur | Mr Wenhua MA | China Institute of Communications | China (People's Republic of) | Asia & Pacific | OR | OR | O | O |
| Question 7/2 | Vice-Rapporteur | Mr Hüseyin Avni YAVUZARSLAN | Administration | Türkiye | Europe | OR | OR |  |  |

Annex 2: List of assigned coordinators for ITU-D Study Group 2

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

|  |  |
| --- | --- |
| **Topic** | **Responsible person(s)** |
| 1. Backup to the SG chair | Mr Dominique WÜRGES (SG2 Vice-Chair, France) |
| 2. Plenary liaison statements | Mr Mohamed Lamine MINTHE (SG2 Vice-Chair, Guinea) |
| 3. Joint activities (annual deliverables, workshops, webinars) | Mr Diyor RAJABOV (SG2 Vice-Chair, Uzbekistan) |
| 4. Council working groups | Mr Abdelaziz ALZAROONI (SG2 Vice-Chair, UAE) |
| 5. Youth and women engagement | Ms Carmen Madalina CLAPON (SG2 Vice-Chair, Romania) |
| 6. Delegate on-boarding (e.g. induction) | Mr Victor Antonio MARTÍNEZ SÁNCHEZ (SG2 Vice-Chair, Paraguay) |
| 7. WTDC Resolution 9 | Mr Hideo IMANAKA (SG2 Vice-Chair, Japan)Mr Haim MAZAR (Co-Rapporteur for Q7/2, ATDI, France) |
| 8. Statistics (EGTI, EGH) | Ms Mina Seonmin JUN (SG2 Vice-Chair, Rep. of Korea) |
| 9. ITU-CCT (Vocabulary) | Mr Tongning WU (SG2 Vice-Chair and Co-Rapporteur for Q7/2, China) |
| 10. Inter-sectoral mappings | Mr Haim MAZAR (Co-Rapporteur for Q7/2, ATDI, France)Mr Arseny PLOSSKY (Vice-Rapporteur for Q2/2, Russian Federation) |
| 11. Synergies of study Questions with ITU actions (e.g. projects) | Ms Zainab ARDO (SG2 Vice-Chair, Nigeria)Mr Mushfig GULUYEV (SG2 Vice-Chair, Azerbaijan) |
| 12. Dashboard for monitoring Question progress | Q1/2, Q2/2: Mr Diyor RAJABOV (SG2 Vice-Chair, Uzbekistan)Q3/2, Q5/2, Q6/2: Mr Dominique WÜRGES (SG2 Vice-Chair, France)Q4/2, Q7/2: Mr Tongning WU (SG2 Vice-Chair and Co-Rapporteur for Q7/2, China) |
| 13. Coordination with TSAG Rapporteur Group on Digital Transformation (TSAG RG-DT)  | Mr Mohamed Lamine MINTHE (SG2 Vice-Chair, Guinea) |
| 14. Coordination with TDAG Working Group on the future of Study Group Questions (TDAG-WG-futureSGQ) | Mr Abdelaziz ALZAROONI (SG2 Vice-Chair, UAE) |

Annex 3: Work plan of ITU-D Study Group 2



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1. 100 contributions for action, 20 incoming liaison statements [↑](#footnote-ref-2)
2. 104 contributions for action and 19 liaison statements [↑](#footnote-ref-3)
3. The WTDC-22 Final Report is available [here](https://www.itu.int/pub/D-TDC-WTDC-2022). [↑](#footnote-ref-4)
4. The SG2 2023 photos are available [here](https://www.flickr.com/photos/itupictures/albums/72177720312321603/with/53297644605). [↑](#footnote-ref-5)
5. The interim deliverable is available [here](https://www.itu.int/hub/publication/d-stg-sg02-03-2-2023/). [↑](#footnote-ref-6)
6. The programme and presentations made during this information session are available [here](https://www.itu.int/en/ITU-D/Study-Groups/2022-2025/Pages/TIES_Protected/session-cybersecurity-oct23.aspx). [↑](#footnote-ref-7)
7. The programme and presentations made during this information session are available [here](https://www.itu.int/en/ITU-D/Study-Groups/2022-2025/Pages/TIES_Protected/session-BDT-projects-oct23.aspx). [↑](#footnote-ref-8)
8. The SG2 Rapporteur Group meeting photos held in 2024 are available [here](https://www.flickr.com/photos/itupictures/albums/72177720316586579/). [↑](#footnote-ref-9)
9. The contributions repository & dashboard for 2022-2025 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-10)
10. See Document [2/ADM/1(Rev.4)](https://www.itu.int/md/D22-SG02-ADM-0001/) for more information. [↑](#footnote-ref-11)