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| **Telecommunication DevelopmentAdvisory Group (TDAG)****30th Meeting, Geneva, Switzerland, 19-23 June 2023** | C:\Users\comas\AppData\Local\Temp\Rar$DRa0.735\jpg\ITU official logo_blue_RGB.jpg |
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|  | **Document** **TDAG-23/****6-E** |
|  | **15 May 2023** |
|  | **Original: English** |
| Chairman, ITU-D Study Group 2 |
| ITU-D Study Group 2 – Activities and progress |
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| **Summary:**This report presents to TDAG the current status of ITU-D Study Group 2 (SG2). It provides some highlights from the first meeting of SG2 for the 2022-2025 study period which was held from 5 to 9 December 2022, as well as preparations for the rapporteur group meetings of SG2 to be held from 22 May to 2 June 2023, and reviews the work plan. It can be noted that the rapporteur groups for all seven SG2 Questions are progressing well towards WTDC expected outputs.A revised version of this document will be published after the SG2 rapporteur group meetings and workshops to be held from 22 May to 2 June, containing updates from these events.**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 first SG2 meeting for the 2022-2025 study period include:

* 268 participants and 64 Member States;
* Appointment of 11 rapporteurs/co-rapporteurs and 67 vice-rapporteurs to lead the Questions under study;
* 96[[1]](#footnote-2) documents to start the work for the 2022-2025 study period;
* 7 outgoing liaison statements were agreed and dispatched;
* Draft work plans were developed, and draft initial outlines/tables of contents of the expected outputs for all Questions and lists of responsibilities were prepared;
* Several topics and proposals for collaboration were explored, including mapping of activities with other ITU Sectors, WTDC Resolution 9 (Rev. Kigali, 2022), ITU Coordination Committee for Teminology (CCT), World Summit on the Information Society (WSIS), Expert Group on ICT Household Indicators (EGH) and Expert Group on Telecommunication/ICT Indicators (EGTI), and synergies with BDT projects and initiatives.
* An onboarding session to inform and assist members on the activites of the study groups took place on 5 December 2022 following the main session of the opening plenary.

# 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 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)[[2]](#footnote-3).

# 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 Alina Modan (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.

# Working methods

Some persons were assigned specific coordination roles in SG2. These persons were primarily 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 of 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 fill the role. The list of assigned persons 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 first meeting in 2022 endorsed the SG2 work plan, shown in **Annex 3** of this report.

In accordance with the work plan presented by SG2 to TDAG, rapporteur group management teams were invited to strive towards defining a clear roadmap by producing accurate workplan and table of contents for each Question, which can then serve as a good basis for future meetings.

The requirement for Questions to plan for the development of interim deliverables on specific topics of the Question mandate was also highlighted. The rapporteur groups were invited to work within the mandate of each Question to ensure that such deliverables are provided.

While detailing the schedule of future SG2 and rapporteur group meetings, the rapporteur groups were also requested to identify appropriate topics to organize workshops, and rely on additional resources such as ongoing BDT projects, in order to help them reach their objectives.

Finally, the membership was encouraged to strive for more collaboration with ITU-D Study Group 1 and other ITU Sectors, including the possibility of organizing joint workshops as appropriate, in order to further leverage available expertise.

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

# First Study Group 2 meeting for the study period (5-9 Dececember 2022)

The first meeting of ITU-D Study Group 2 following the 2022 World Telecommunication Development Conference (WTDC-22) was held from 5 to 9 December 2022 with 268 participants and 64 Member States present[[3]](#footnote-4). Of these participants, 208 were representatives from Member States category, 44 from Sector Members, two from Associates, 11 from Academia, two from United Nations specialized agencies and eight from regional and other international organizations ([2/ADM/23](https://www.itu.int/md/D22-SG02-ADM-0023)). Statistics summarizing participation by region, contributions by Question, and other data may be found in Document [2/ADM/3 + annex](https://www.itu.int/md/D22-SG02-ADM-0003/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=28157) (TIES access is required).

The former BDT Director, Ms Doreen Bodgan-Martin, and the Chair of Study Group 2, Mr Fadel Digham (Egypt), were joined by the eleven appointed SG2 vice-chairs: Mr Abdelaziz Alzarooni (United Arab Emirates), Ms Zainab Ardo (Nigeria), Mr Mushfig Guluyev (Azerbaijan), Mr Hideo Imanaka (Japan), Ms Mina Seonmin Jun (Republic of Korea), Mr Mohamed Lamine Minthe (Guinea), Mr Víctor Antonio Martínez Sánchez (Paraguay), Ms Alina Modan (Romania), Mr Diyor Rajabov (Uzbekistan), Mr Tongning Wu (China), and Mr Dominique Würges (France). Together the team guided SG2 through 96 documents submitted to advance the work.

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

Out of the 83 candidatures received for positions in ITU-D SG2, the meeting appointed 11 rapporteurs/co-rapporteurs and 67 vice-rapporteurs to lead the Questions under study. The appointment followed a rigorous process and review, primarily based on their expertise and previous experience and contributions in the topics of the Questions under study, while respecting regional and gender balance whenever possible.

**Annex 1** to this report shares the 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 on the expected work for each Question.

Several topics and proposals for collaboration were also explored, including mapping of activities with other ITU Sectors, WTDC Resolution 9 (Rev. Kigali, 2022), ITU Coordination Committee for Teminology (CCT), World Summit on the Information Society (WSIS), Expert Group on ICT Household Indicators (EGH) and Expert Group on Telecommunication/ICT Indicators (EGTI), and synergies with BDT projects and initiatives. More information can be found in **Section 3** of this report.

An onboarding session[[4]](#footnote-5) took place on 5 December 2022 following the main session of the opening plenary. This session aimed to help, in particular new delegates, by providing an overview of the study groups and information to help them to get involved in the activities of the study groups, such as where to find what in the study group website, and guidance to submit contributions.

# 2023 Study Group 2 rapporteur group meetings (22 May - 2 June 2023)

The 2023 Study Group 2 Rapporteur Group meetings will continue reviewing contributions with case studies and lessons learned from members, as well as refining the work plans and outlines of SG2 Question deliverables.

With the purpose of deepening knowledge on specific topics treated by the Questions under study, and encouraging sharing of knowledge with other ITU Sectors and organizations, several public workshops will be organized in conjunction of these meetings. These events will invite not only experts from ITU members but also several non-ITU members to the discussions. In total seven workshops will be organized, with the following topics:

* Question 1/2: Workshop on digital public infrastructure and shared services for smart sustainable government, cities and communities (25 May 2023);
* Question 2/2: Workshop on adoption of new digital technology for e-health, e-learning and other e-services (30 May 2023);
* Question 3/2: Workshop on cybersecurity assurance practices (23 May 2023);
* Question 4/2: Workshop on conformity and interoperability challenges for digital transformation (2 June 2023);
* Question 5/2: Workshop on adoption of ICTs and digital skills development (1 June 2023);
* Question 6/2: Workshop on green ICT and emerging technologies towards climate change mitigation (29 May 2023);
* Question 7/2: Workshop on international, regional and national policies concerning human exposure to electromagnetic fields (25 May 2023).

All Question management teams communicated regularly and met online as appropriate to ensure that these workshops are well-prepared. A SG2-level management team meeting was also held on 16 March 2023 to review the status of preparations in order to provide an opportunity to share helpful preparation methods with each other and to ensure aligned guidelines across the Questions.

Insightful and useful information gathered during the sessions will contribute towards the development of interim deliverables, final reports and any other outputs.

# Reports of rapporteur group meetings

Reports of the individual rapporteur group meetings held in December 2022 can be found at the following links:

* Question 1/2 available here: ([December 2022](https://www.itu.int/md/D22-SG02-R-0001/en))
* Question 2/2 available here: ([December 2022](https://www.itu.int/md/D22-SG02-R-0002))
* Question 3/2 available here: ([December 2022](https://www.itu.int/md/D22-SG02-R-0003))
* Question 4/2 available here: ([December 2022](https://www.itu.int/md/D22-SG02-R-0004))
* Question 5/2 available here: ([December 2022](https://www.itu.int/md/D22-SG02-R-0005))
* Question 6/2 available here: ([December 2022](https://www.itu.int/md/D22-SG02-R-0006))
* Question 7/2 available here: ([December 2022](https://www.itu.int/md/D22-SG02-R-0007))

# Collaboration with other groups

# Mapping between work in ITU-D study groups to work in the other ITU Sectors

To facilitate coordination and further strengthen collaboration with the study groups in the other Sectors, work on two sets of mapping tables evolved during and between the meetings: 1) a revised mapping of ITU-D SG1 and SG2 Questions of interest to Questions in ITU-T study groups; and 2) a matrix of mapping between ITU-D SG1 and SG2 Questions and ITU-R working parties.

During the first meeting of SG2, the Inter-Sector Coordination Group (ISCG) on issues of mutual interest presented the latest mapping tables between ITU-D Questions, ITU-T Questions and ITU-R working parties. As developed already during the previous study period, such mapping is to help rapporteur groups to relate their activities to the work undertaken in the other ITU Sectors, such as cross-referencing existing Recommendations, directing liaison statements to the right groups, and identifying experts and sharing expertise on related topics e.g. through organized workshops. As such, the mapping can serve as a guide for interaction and collaboration between the ITU Sectors.

There was agreement that the mapping tables need to be updated, in order to reflect the new Questions approved at the last WTDC. During the first SG2 meeting in December 2022, the rapporteur groups were invited to review them and initial feedbacks were provided.

Following the first meeting and these initial feedbacks, the assigned coordinators (see Annex 2) in charge of inter-sectoral coordination reviewed these mapping tables in more detail and proposed further updates, the results of which were submitted to ISCG for consideration at its meeting held on 2 May 2023[[5]](#footnote-6).

It was noted that the mapping tables are living documents that require regular maintenance and updates to remain relevant and reflect the evolving work.

# Involvement and contribution of ITU-D study groups toward the implementation of WTDC Resolution 9

During the meetings, the importance of continuing the implementation of WTDC Resolution 9 was discussed and acknowledged. Some mechanisms were proposed to implement it, such as nomination of representatives to both ITU-D and ITU-R study groups, and nomination of focal points within each rapporteur group, which generated various views.

As a result of these discussions and in order to facilitate communication and information exchange, it was decided to:

* assign two coordinators in SG2 for the overall coordination of this resolution (see Annex 2);
* since not all Questions necessarily have linkages with Resolution 9, request rapporteur groups to review the relevance of their mandates with this Resolution, and assign focal points within their management team as appropriate;
* invite rapporteur groups to leverage regular information provided by ITU-R (presentations in plenaries, incoming liaison statements) to identify items of relevance for further collaboration.

# ITU Coordination Committee for Terminology (ITU CCT)

In accordance with provision 12.3 of WTDC Resolution 1, a vice-chair of SG2 was appointed (see Annex 2) 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 and adopts terms and definitions in the field of telecommunications/ICTs.

Since WTDC-22, ITU CCT met twice by correspondence, on 28 November 2022 and 18 April 2023. Each meeting considered liaison statements and contributions with matters concerning terminology issues and agrees on updates to the ITU terminology database, especially what is called Part 3 with the terms, acronyms and definitions. While no specific activity has yet been identified in relation with ITU CCT at this stage, the importance to harmonize new terms and definitions was recognized. ITU-D in its work must be aware of the ITU terminology database and its usefulness when preparing reports and other deliverables. SG2 will continue to regularly follow relevant discussions with the rapporteur groups and the appointed SG2 representative to ITU CCT.

# Collaboration with WSIS

Several documents were presented to SG2 on the various activities undertaken by the General Secretariat related to WSIS, including the WSIS Forum 2022 outcomes, WSIS Forum 2023 preparations, ITU’s contribution to the implementation of the WSIS outcomes (2022) and ITU roadmaps C2, C4, C5 and C6, WSIS Stocktaking 2022 and 2023, as well as WSIS Prizes 2022 and 2023. 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.

# Expert Group on ICT Household Indicators and Expert Group on Telecommunication/ICT Indicators

SG2 reviewed an overview of ITU-D’s statistical products and activities in 2022, including the latest publications in that area, key revisions of WTDC Resolution 8 (Rev. Kigali, 2022) and Resolution 131 (Rev. Bucharest, 2022) of the Plenipotentiary Conference, and key results from the Expert Group on ICT indicators (EGTI) and the Expert Group on ICT Household Indicators (EGH).

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. To facilitate this collaboration, a coordinator was assigned on matters related to statistics (see Annex 2 of this meeting report).

# Synergies with BDT projects and initiatives

SG2 reviewed an 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. Considering the close linkages of many BDT projects with ITU study Questions, SG2 assigned two new coordinators (see Annex 2 of this meeting report) in order to explore how the projects could be leveraged to benefit the study Questions and vice-versa.

# 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 are/will be made available to participants and management team members. A new contributions repository & dashboard[[6]](#footnote-7), which facilitates the search of previous contributions and their abstracts, was also presented. Study group 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 (location to be confirmed) from 30 October to 3 November 2023[[7]](#footnote-8). The rapporteur group meetings organized within the same week will allow rapporteurs, vice-rapporteurs and active participants to attend more than one meeting, share ideas across related topics, convene drafting groups as needed, meet with their BDT focal points and staff, as well as the chair and vice-chairs of the Study Group.

Efforts will continue to build synergies between study group topics, workshops and seminars through close coordination and collaboration with other ITU Sectors and the General Secretariat. Proposals to host activities related to the ITU-D study groups in the regions are also encouraged and very welcome.

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

**Table 1: 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 |
| Chair | Mr Fadel Digham (Egypt) | O |  |
| Vice-chairs | Mr Hideo Imanaka (Japan)  | O |  |
| Ms Mina Seonmin Jun (Republic of Korea)  | O |  |
| Mr Tongning Wu (China)  | OR |  |
| Ms Zainab Ardo (Nigeria)  | O |  |
| Mr Mohamed Lamine Minthe (Guinea)  | O |  |
| Mr Víctor Antonio Martínez Sánchez (Paraguay)  | OR |  |
| Mr Dominique Würges (France)  | O |  |
| Ms Alina Modan (Romania)  | OR |  |
| Mr Diyor Rajabov (Uzbekistan)  | O |  |
| Mr Mushfig Guluyev (Azerbaijan)  | OR |  |
| Mr Abdelaziz Alzarooni (United Arab Emirates)  |  |  |

**Table 2: 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 |
| Question 1/2 | Rapporteur | Ms Fifatin Carrelle Lucrèce TOHO | Administration | Benin | Africa | (Resigned 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 |  |  |
| 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 |  |
| 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 |  |  |
| Question 1/2 | Vice-Rapporteur | Mr Hemendra K SHARMA | Administration | India | Asia & Pacific |  |  |
| Question 1/2 | Vice-Rapporteur | Mr Yoshihiro NAKAYAMA | Administration | Japan | Asia & Pacific | 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 |  |
| Question 2/2 | Co-Rapporteur | Mr Done-Sik YOO | Administration | Korea (Republic of) | Asia & Pacific | O |  |
| Question 2/2 | Vice-Rapporteur | Mr Osther Rock BADOU | Administration | Benin | Africa | O |  |
| Question 2/2 | Vice-Rapporteur | Ms Allomo Francine Tania LOGBO | Administration | Côte d'Ivoire | Africa | OR |  |
| Question 2/2 | Vice-Rapporteur | Mr Ibrahima SYLLA | Administration | Guinea | Africa |  |  |
| Question 2/2 | Vice-Rapporteur | Mr Robert Kwambai CHIRCHIR | Administration | Kenya (Republic of) | Africa | OR |  |
| Question 2/2 | Vice-Rapporteur | Mr Gregory DOMOND | Administration | Haiti (Republic of) | Americas |  |  |
| Question 2/2 | Vice-Rapporteur | Ms Alicia TAMBE | Administration | United States of America | Americas | O |  |
| Question 2/2 | Vice-Rapporteur | Mr Geraldo NETO | Telecommunications Management Group, Inc | United States of America | Americas | OR |  |
| Question 2/2 | Vice-Rapporteur | Ms Shan XU | Administration | China (People's Republic of) | Asia & Pacific | OR |  |
| 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 |  |
| Question 2/2 | Vice-Rapporteur | Ms Kübra DIRI | Administration | Türkiye | Europe |  |  |
| Question 3/2 | Co- Rapporteur | Ms Vanessa Copetti CRAVO | Administration | Brazil (Federative Republic of) | Americas | O |  |
| Question 3/2 | Co-Rapporteur | Ms Jabin VAHORA | Administration | United States of America | Americas | O |  |
| 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 |  |
| Question 3/2 | Vice-Rapporteur | Mr Sidy Mouhamed FALL | Administration | Senegal (Republic of) | Africa | O |  |
| Question 3/2 | Vice-Rapporteur | Mr Damnam K. BAGOLIBE | Administration | Togolese Republic | Africa | OR |  |
| Question 3/2 | Vice-Rapporteur | Ms Xinxin WAN | Administration | China (People's Republic of) | Asia & Pacific |  |  |
| Question 3/2 | Vice-Rapporteur | Mr Prachish KHANNA | Administration | India | Asia & Pacific |  |  |
| Question 3/2 | Vice-Rapporteur | Mr Jaesuk YUN | Administration | Korea (Republic of) | Asia & Pacific | OR |  |
| Question 3/2 | Vice-Rapporteur | Mr Teng MA | China International Telecommunication Construction Corporation | China (People’s Republic of) | Asia & Pacific |  |  |
| Question 3/2 | Vice-Rapporteur | Ms Maria BOLSHAKOVA | Administration | Russian Federation | CIS countries | O |  |
| Question 3/2 | Vice-Rapporteur | Mr Doğukan Ömer GÜR | Administration  | Türkiye | Europe | OR |  |
| Question 3/2 | Vice-Rapporteur | Ms Nicole DARABIAN | Administration | United Kingdom of Great Britain and Northern Ireland | Europe | O |  |
| Question 3/2 | Vice-Rapporteur | Mr Samuel TEW | Axon Partners Group  | Spain | Europe | OR |  |
| Question 3/2 | Vice-Rapporteur | Mr Daniel BATTY | Access Partnership Ltd | United Kingdom of Great Britain and Northern Ireland | Europe | OR |  |
| Question 4/2 | Rapporteur | Mr Ibrahima SYLLA | Administration | Guinea | Africa | OR |  |
| Question 4/2 | Vice-Rapporteur | Ms Awa Koko Valéry Nadège TRAORE Epouse GOUE | Administration | Côte d'Ivoire (Republic of) | Africa | 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 |  |
| Question 4/2 | Vice-Rapporteur | Mr Junzhi YAN | Administration | China (People’s Republic of) | Asia & Pacific | OR |  |
| Question 4/2 | Vice-Rapporteur | Mr Jiawei ZANG | Administration | China (People’s Republic of) | Asia & Pacific | 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 |  |
| Question 4/2 | Vice-Rapporteur | Mr Sergei MELNIK | International Telecommunication Academy | Russian Federation | CIS countries | OR |  |
| 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 |  |
| Question 5/2 | Co-Rapporteur | Ms Sha WEI | Administration | China (People’s Republic of) | Asia & Pacific | OR |  |
| Question 5/2 | Vice-Rapporteur | Mr Ahmadou Dit Adi CISSE | Administration | Mali (Republic of) | Africa | O |  |
| Question 5/2 | Vice-Rapporteur | Mr Babou SARR | Administration | Senegal (Republic of) | Africa | OR |  |
| Question 5/2 | Vice-Rapporteur | Ms Armelle MANKO | Ecole Nationale Supérieure des Postes, Télécommunications et TIC | Cameroon | Africa | OR |  |
| Question 5/2 | Vice-Rapporteur | Mr Turhan MULUK | Intel Corporation | United States of America | Americas | OR |  |
| Question 5/2 | Vice-Rapporteur | Mr Guoqing LI | Administration | China (People’s Republic of) | Asia & Pacific | OR |  |
| 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 |  |
| Question 6/2 | Rapporteur | Ms Aprajita SHARRMA | Administration | India | Asia & Pacific | OR |  |
| Question 6/2 | Vice-Rapporteur | Mr Apollinaire BIGIRIMANA | Administration | Burundi | Africa | O |  |
| Question 6/2 | Vice-Rapporteur | Ms Gnakri Isabelle Sonia GNABRO Epouse KAKOU | Administration | Côte d'Ivoire (Republic of) | Africa |  |  |
| Question 6/2 | Vice-Rapporteur | Mr Thomas Wambua LUTI | Administration | Kenya (Republic of) | Africa | OR |  |
| Question 6/2 | Vice-Rapporteur | Mr Issa CAMARA | Administration | Mali (Republic of) | Africa |  |  |
| Question 6/2 | Vice-Rapporteur | Mr Gregory DOMOND | Administration | Haiti (Republic of) | Americas | O |  |
| Question 6/2 | Vice-Rapporteur | Mr Shang LI | Administration | China (People’s Republic of) | Asia & Pacific | 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 |  |
| Question 6/2 | Vice-Rapporteur | Ms Julia NIETSCH | Administration | France | Europe | OR |  |
| Question 6/2 | Vice-Rapporteur | Mr Ethan MUDAVANHU | Access Partnership Ltd | United Kingdom of Great Britain and Northern Ireland | Europe | OR |  |
| Question 7/2 | Co-Rapporteur | Mr Tongning WU | Administration | China (People's Republic of) | Asia & Pacific | O |  |
| Question 7/2 | Co-Rapporteur | Mr Haim MAZAR | ATDI | France | Europe | 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 |  |  |
| 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 |  |
| Question 7/2 | Vice-Rapporteur | Mr Gregory DOMOND | Administration | Haiti (Republic of) | Americas | O |  |
| Question 7/2 | Vice-Rapporteur | Mr Wenhua MA | China Institute of Communications | China (People's Republic of) | Asia & Pacific | OR |  |
| Question 7/2 | Vice-Rapporteur | Mr Hüseyin Avni YAVUZARSLAN | Administration | Türkiye | Europe | OR |  |

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

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| **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) |
| 4. Council working groups | Mr Abdelaziz ALZAROONI (UAE) |
| 5. Youth and women engagement | Ms Alina MODAN (Romania) |
| 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)Q3/2, Q5/2, Q6/2: Mr Dominique WÜRGES (France)Q4/2, Q7/2: Mr Tongning WU (China) |
| 13. Working methods (amendments to WTDC Res. 1) | (To be assigned later) |
| 14. Future Study Questions |
| 15. Synergies of future study Questions with regional preparatory processes |
| 16. Streamlining of WTDC Resolutions |

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



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1. 51 contributions for action, 2 contributions for information, 9 temporary documents and 34 incoming liaison statements [↑](#footnote-ref-2)
2. The WTDC-22 Final Report is available [here](https://www.itu.int/pub/D-TDC-WTDC-2022). [↑](#footnote-ref-3)
3. The SG2 2022 photos are available [here](https://www.flickr.com/photos/itupictures/albums/72177720304216437). [↑](#footnote-ref-4)
4. Presentation made during the onboarding session is available [here](https://www.itu.int/md/D22-SG02-ADM-0004/en). [↑](#footnote-ref-5)
5. Contributions reviewed by ISCG are available [here](https://www.itu.int/en/general-secretariat/ties/Pages/ISCG-documents.aspx). [↑](#footnote-ref-6)
6. The contributions repository & dashboard for the previous study period (2018-2022) can be found [here](https://www.itu.int/en/ITU-D/Study-Groups/2022-2025/Pages/TIES_Protected/contributions_dashboard_2018_2022.aspx). A similar tool for the current study period will be developed soon. [↑](#footnote-ref-7)
7. See Document [2/ADM/1(Rev.1)](https://www.itu.int/md/D22-SG02-ADM-0001/) [↑](#footnote-ref-8)