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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-30/****5-E** |
|  | **15 May 2023** |
|  | **Original: English** |
| Chairman, ITU-D Study Group 1 |
| ITU-D Study Group 1 – Activites and progress |
|  |
| **Summary:**This report presents to TDAG the current status of ITU-D Study Group 1 (SG1). It shares information on WTDC-22 decisions with regards to ITU-D study groups, on the appointed management team and the work plan for Study Group 1 to implement the mandate.It provides an overview of the outcomes of the first meeting of SG1 for the 2022-2025 study period which was held from 28 November to 2 December 2022.A revised version of this document will be shared with updates from the Rapporteur Group Meetings and Workshops being held from 8 to 19 May 2023 in Geneva.**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), [1/REP/8](https://www.itu.int/md/D22-SG01-R-0008/en) (2022),  |

**Highlights**

ITU-D Study Group 1 (SG1) examines issues relating to the **enabling environment for the meaningful connectivity[[1]](#footnote-2)** through 7 study Questions focusing on broadband deployment, broadcasting new services, emergency telecommunications, economics of ICTs, rural and remote connectivity, consumer protection and ICTs for persons with disabilities.

Highlights from the first SG1 meeting held from 28 November to 2 December 2022 for the 2022-2025 study period include:

* 257 participants from 63 Member States;
* Appointment of 12 Rapporteurs/co-Rapporteurs (6 women) and 69 Vice-Rapporteurs (25 women) to lead the Questions under study;
* 94 contributions to start the work for the 2022-2025 study period;
* 39 incoming liaison statements were received;
* 13 outgoing liaison statements were agreed and dispatched;
* 24 fellowships were granted;
* Draft work plans were approved. Draft initial outlines/tables of contents of the expected outputs for all Questions and detailed lists of responsibilities were prepared.

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

## Scope of work

Study Group 1 (SG1) was established in accordance with Resolution 2 (Rev. Kigali, 2022) to examine, through 7 study Questions adopted by the ITU membership at the World Telecommunication Development Conference 2022 (WTDC-22), issues relating to the enabling environment for the meaningful connectivity. Annex 1 to this resolution defines the scope of SG1 as below:

Enabling environment for meaningful connectivity

* National policy and regulatory aspects of broadband telecommunication/ICT development
* Economic aspects in the field of national telecommunications/ICTs, including facilitating the implementation of the digital economy and the provision of telecommunication/ICT services, including for rural and remote areas
* National approaches for providing access to telecommunications/ICTs in rural and remote areas, with special focus on developing countries, including least developed countries, small island developing states, landlocked developing countries and countries with economies in transition
* Access to telecommunication/ICT services to enable inclusive communications, especially for persons with disabilities and persons with specific needs
* Migration and adoption of digital technologies for broadcasting for different environments
* Use of telecommunications/ICTs for disaster risk reduction and management, particularly in developing countries
* Consumer information, protection and rights for telecommunication/ICT services, especially for vulnerable groups.

## 1.2 Study Group 1 management

WTDC-22 designated the SG1 leadership for the eighth cycle (2022-2025): Ms Regina Fleur Assoumou Bessou (Côte d’Ivoire) was appointed as Chairman; and eleven Vice-Chairmen were appointed:

* Ms Caecilia Nyamutswa (Zimbabwe, AFR)
* Mr Amah Vinyo CAPO (Togo, AFR)
* Mr Roberto Mitsuake HIRAYAMA (Brazil, AMS)
* Ms Sameera Belal Momen MOHAMMAD (Kuwait, ARB)
* Mr Sunil Singhal (India, ASP)
* Ms Memiko OTSUKI (Japan, ASP)
* Mr Sangwon KO (Republic of Korea, ASP)
* Ms Khayala PASHAZADA (Azerbaijan, CIS)
* Ms Umida MUSAEVA (Uzbekistan, CIS)
* Mr George Anthony GIANNOUMIS (Norway, EUR)
* Mr Mehmet Alper TEKIN (Türkiye, EUR)

## 1.3 Study Group 1 Questions

WTDC-22 entrusted Study Group 1 with the following Questions:

* **Question 1/1:** Strategies and policies for the deployment of broadband in developing countries
* **Question 2/1**: Strategies, policies, regulations and methods of migration to and adoption of digital technologies for broadcasting, including to provide new services for various environments
* **Question 3/1:** The use of telecommunications/ICTs for disaster risk reduction and management
* **Question 4/1**: Economic aspects of national telecommunications/ICTs
* **Question 5/1**: Telecommunications/ICTs for rural and remote areas
* **Question 6/1**: Consumer information, protection and rights
* **Question 7/1:** Telecommunication/ICT accessibility to enable inclusive communication, especially for persons with disabilities.

Part V of the WTDC-22 Final Report[[2]](#footnote-3) provides details of each ITU-D Study Questions and their terms of reference.

## Working Methods

# The working methods for ITU-D Study Group 1 are defined in Resolution 1 (Rev.Kigali, 2022), primarily in Sections 3, 4, 5,6 and 9. Updates in this resolution of importance to the work of study groups include :

* Enhanced role of vice-chairs as coordinators : This aspect was discussed at the first SG1 meeting and is implemented as per **Annex 2** of this report. Coordinators were primarily the vice-chairs of SG1 assigned following an expression of interest. When a role could not be filled by any SG1 vice-chair, additional members, such as rapporteurs and vice-rapporteurs, were invited to fill the role.
* TDAG to be made aware of non-attendance of study group chairs, vice-chairs, rapporteurs and vice rapporteurs, and encouragement for their participation and engagement in their roles. This aspect was discussed at the first study group meeting and attendance information is shared in this report in the last the columns of the table at **Annex 1.**
* Virtual meetings to be held in exceptional situations and at convenient working hours
* Development of interim deliverables as well as updates of existing published output reports of the previous study period.
* A vice-chair of SG1 and one from SG2 to represent ITU-D in ITU CCT.

## 1.5 Strategy and work plan for Study Group 1

In order for SG1 to reach its expected results for the 2022-2025 study period, in accordance with the scope of work as defined in Resolution 2 (Rev. Kigali, 2022) “Establishment of study groups”, within the reduced study period with three planned annual study group meetings and two sets of rapporteur group meetings, the continuity of the vision of more interaction, innovation and implementation is to be pursued with :

* a smart SG1 workplan for efficiency actions within the shortened timeline of this study period
* quality evidence based content as inputs to the work of SG1, with the effective engagement of experts in the management team, active collaborators and meeting participants, to analyse and process these inputs into quality timely outputs
* optimizing resources by continued and focused synergies for collaboration between study questions, study groups within ITU-D and in other sectors; with BDT projects, regional initiatives, ITU and ITU partners’actions
* Involving study groups experts from membership in the work of BDT and ITU to serve membership
* Inclusion of experts from membership namely persons with disabilities, women and youth in the work of SG1

The work plan for SG1 agreed at its first SG1 meeting can be found in **Annex 3**. The work plan will be revised every year to guide the work of the study group.

## 2. Appointment of Study Group 1 Rapporteurs and Vice-Rapporteurs

A call for Rapporteurs and Vice-Rapporteurs was sent out to the membership and subsequent appointments were made for the seven study Questions at the first SG1 meeting. The list of all candidatures received can be found online at the following link: <https://www.itu.int/en/ITU-D/Study-Groups/2022-2025/Pages/candidates.aspx>, and the management teams of each Question can be found at **Annex 1.** This complete Question teams including with BDT focal points is available online at <https://www.itu.int/net4/ITU-D/CDS/sg/rapporteurs.asp?lg=1&sp=2022>.

## 3.Overview of the work of ITU-D Study Group 1

* 1. **First Study Group 1 meeting for the study period (28 November to 2 December 2022)**

The first meeting of Study Group 1 following WTDC-22 took place from 28 November to 2 December 2022, with 257 participants (includes 112 connected remotely), from over 63 countries.[[3]](#footnote-4) Of these, 199 were representatives from Member States, one from Palestine, as per Resolution 99, 31 from Sector Members, 16 from Associates and Academia, and 11 from international and regional organizations ([1/113](https://www.itu.int/md/D22-SG01-C-0113/en)). 48% of participants were women expert delegates and 24 fellowships were granted. 94 contributions were received including 39 liaison statements. Statistics summarizing participation by region, contributions by Question, and other data may be found in ([1/ADM/3 + Annex](https://www.itu.int/md/D22-SG01-ADM-0003)). Webcast, live captioning and interactive, multilingual remote participation were provided. All meeting documents can be downloaded from the [meeting website](https://www.itu.int/net4/ITU-D/CDS/sg/blkmeetings.asp?lg=1&sp=2018&blk=20348) (TIES access is required). Webcast archives are [available here](https://www.itu.int/net4/ITU-D/CDS/sg/webcast_archive.asp?lg=1&sp=2022&stg=&mtg=28156).

The former [BDT Director](https://www.itu.int/en/ITU-D/bdt-director/Pages/Speeches.aspx?ItemID=181), Ms Doreen Bogdan-Martin, shared her remarks through a video. The BDT Deputy Director and the Chairman of Study Group 1, Ms Fleur Regina Assoumou Bessou (Côte d’Ivoire), were joined by SG1 vice-chairmen in the room: Mr Roberto Mitsuake Hirayama (Brazil), Mr Sunil Singhal (India), Ms Memiko Otsuki (Japan), Mr Sangwon Ko (Republic of Korea), Ms Sameera Belal Momen Mohammad (Kuwait), Mr Amah Vinyo Capo (Togo), Mr Mehmet Alper Tekin (Türkiye), Ms Caecilia Nyamutswa (Zimbabwe) and Ms Umida Musaeva (Uzbekistan). Mr George Anthony Giannoumis (Norway) and Ms Khayala Pashazada (Azerbaijan) were attending online. Together the team guided SG1 through the contributions submitted to advance the work. 18 outgoing liaison statements were agreed and dispatched following the meetings.

The first meetings considered the expected results agreed on by the membership at WTDC-22, identified methods for conducting its work and agreed on the SG1 workplan (**Annex 3**)as well as the detailed 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 100 candidatures received for positions in ITU-D SG1, the meeting appointed 12 Rapporteurs/co-Rapporteurs (six women) and 69 Vice-Rapporteurs (25 women) to lead the Questions under study. **Annex 1** to this report shares the SG1 management team.

All study Question management teams held their first (and more) onsite preparatory meetings between 28 November and 2 December 2022.

To update all participants at the start of this new study period, a representative of the General Secretariat shared the key outcomes of PP-22 which complemented WTDC-22 outcomes shared. An interactive onboarding session including a panel discussion was held as part of the opening plenary. A brief for all delegates attending ITU-D Study Groups meeting is publicly available in all official UN languages.

Updates were further provided on items of collaboration including the Inter-Sectoral Coordination Group (ISCG) work, the work of ICT data and analytics division (IDA) of BDT, the projects being managed by BDT, recent action of Connect2Recover team and the WSIS team. Generation Connect updates were shared. A group of sponsored Generation Connect youth attended the SG1 meeting to get an insight in the work of SG1 and of Rapporteur Groups. They shadowed the delegates of their respective countries.

* 1. **Reports of Rapporteur Group meetings**

Reports of the individual Rapporteur Group meetings that have been held in 2022 since the last TDAG meeting can be found at the following links:

* Question 1/1 available here: ([November 2022 report](https://www.itu.int/md/D18-SG01-R-0001))
* Question 2/1 available here: ([November 2022 report](https://www.itu.int/md/D18-SG01-R-0002))
* Question 3/1 available here: ([November 2022 report](https://www.itu.int/md/D18-SG01-R-0003))
* Question 4/1 available here: ([December 2022 report](https://www.itu.int/md/D18-SG01-R-0004))
* Question 5/1 available here: ([December 2022 report](https://www.itu.int/md/D18-SG01-R-0005))
* Question 6/1 available here: ([December 2022 report](https://www.itu.int/md/D18-SG01-R-0006))
* Question 7/1 available here: ([December 2022 report](https://www.itu.int/md/D18-SG01-R-0007))
1. **Collaboration and coordination with ITU-D Study Group 2 and the other Sectors on matters of shared interest**

# Inter-Sectoral Coordination

At the first SG1 meeting, updates shared by TSB and BR were appreciated and seen as the base for potential future collaboration at specific study group Question, Working Party and Resolution levels. To facilitate coordination and further strengthen collaboration with the study groups in the other Sectors, work on two sets of mapping tables will continue as per previous study period: 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. As developed already during the previous study periods, the mapping allows rapporteur groups to relate their specific work items to that undertaken in the other ITU Sectors to facilitate cross-referencing of existing Recommendations, directing liaison statements to the right groups, and identifying experts and sharing expertise on related topics e.g. through jointly organized workshops.

During the first meeting of SG1, the Inter-Sector Coordination Group (ISCG) on issues of mutual interest presented the mapping tables between ITU-D Questions, ITU-T Questions and ITU-R working parties and requested an update to be done and shared thereon. The mapping serves as a guide for interaction and collaboration between the ITU Sectors with synergies and optimisation of resources by all. There was agreement that the mapping tables need to be updated, in order to reflect the new Questions approved at WTDC-22.

Following the first meeting of SG1, 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[[4]](#footnote-5). 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 (Rev. Kigali, 2022)

In order to implement WTDC Resolution 9 in collaboration with ITU-R, the following actions have been taken:

* assign two coordinators in SG1 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 in relation to this Resolution, and assign focal points as needed within their management team;
* 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 Resolution 1, a vice-chair of SG1 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 Plenopotentiary 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 of harmonizing 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. SG1 will continue to regularly follow relevant discussions with the rapporteur groups and the appointed SG1 representative to ITU CCT.

# WSIS

Regular updates are received at SG1 meetings on the various activities undertaken by the General Secretariat related to WSIS, including the WSIS Forum outcomes, the next WSIS Forum preparations, WSIS Stocktaking and WSIS Prizes. As most study Questions have linkages with WSIS Action Lines, SG1 through its HQ focal points, will continue work with WSIS. In April 2023, ITU-D Study Group 7/1 held a WSIS 2023 virtual workshop. WSIS prizes winners who are ITU-D Members that have relevance to ITU-D

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

SG1 welcomed the update provided on 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). The ongoing work of EGTI and EGH on topics that are of interest to the SG1 Questions, will be followed through the SG1 coordinators was assigned on matters related to statistics (**Annex 2**).

The importance of evidence through reliable statistical data and analytics is key to produce quality SG1 outputs. Future collaboration to receive relevant statistics related to the each study Question, and from SG1 side, to provide expertise of management team members to help in the work of the Expert groups and in coming up with possible new indicators, was noted.

**4.6 BDT Projects and actions**

SG1 welcomed the update on BDT projects with mapping to ITU-D study Questions, which would allow Question management teams and Rapporteur Groups to dive into focused synergies of expertise. SG1 assigned coordinators (see **Annex 2**) to leverage on BDT projects collaboration.

# Collaborative tools

Similar 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 are made available to participants and management team members. MS teams have been created for use by each Question management team as per their convenience.

A new contributions repository & dashboard[[5]](#footnote-6), 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.

1. **Conclusion and way forward**

To continue its work, the [SG1 Rapporteur Group meetings and related public workshops](https://www.itu.int/net4/ITU-D/CDS/sg/blkmeetings.asp?lg=1&stg=&sp=2022&blk=28224) are being held in Geneva from 8-19 May 2023 and the Study Group 1 meeting will take place in Geneva from 23-27 October 2023 ([1/ADM/1(Rev.1)).](https://www.itu.int/md/D22-SG02-ADM-0001/) The Rapporteur Group meetings have been clustered together to allow rapporteurs, vice-rapporteurs and active participants to attend more than one meeting, share ideas across related topics, convene drafting groups, meet with their Focal Points, BDT staff and the Chairman and Vice-Chairmen of the Study Group in attendance.

**Annex 1: Appointed Chairman, Vice-Chairmen and Rapporteurs and Vice-Rapporteurs of ITU-D Study Group 1 Questions for the 2018-2021 period with attendance information**

List of chairman and vice-chairmen (also available [here](https://ituint-my.sharepoint.com/personal/maite_comasbarnes_itu_int/Documents/Maite_misc/Meetings/TDAG/TDAG-23/Documents/Cs/008E_v1-clean_ITU-D%20Sector%20Members_Associates_Academia.docx))

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|  | **ITU-D STUDY GROUP 1** | **Study Group 1 Meeting 2022** |
| **Chairman** | Ms Regina Fleur Assoumou BESSOU (Côte d’Ivoire)  | Present |
| **Vice-Chairmen** | Ms Caecilia Nyamutswa (Zimbabwe) | Present |
| Mr Amah Vinyo CAPO (Togo) | Present |
| Mr Roberto Mitsuake HIRAYAMA (Brazil) | Present |
| Ms Sameera Belal Momen MOHAMMAD (Kuwait) | Present |
| Mr Sunil Singhal (India) | Present |
| Mr Memiko OTSUKI (Japan) | Present |
| Mr Sangwon KO (Republic of Korea) | Present |
| Ms Khayala PASHAZADA (Azerbaijan) | Remote |
| Ms Umida MUSAEVA (Uzbekistan) | Present |
| Mr George Anthony GIANNOUMIS (Norway) | Remote |
| Mr Mehmet Alper TEKIN (Türkiye) | Present |

List of (Co-)Rapporteurs and Vice-Rapporteurs

| **Question**  | **Role**  | **Name of candidate** | **Organisation**  | **Country** | **Region** | **SG1** **2022** |
| --- | --- | --- | --- | --- | --- | --- |
| Question 1/1 | Rapporteur | Mr Ahmed GAD | Administration | Egypt (Arab Republic of) | Arab States | Present |
| Question 1/1 | Vice-Rapporteur | Ms Keamogetswe MATOMELA | Administration | Botswana (Republic of) | Africa | Remote |
| Question 1/1 | Vice-Rapporteur | Ms Emma Ann OTIENO | Administration | Kenya (Republic of) | Africa | Present |
| Question 1/1 | Vice-Rapporteur | Mr Issiaka ALHABIBOU | Administration | Mali (Republic of) | Africa | Present |
| Question 1/1 | Vice-Rapporteur | Mr Christopher HEMMERLEIN | Administration | United States of America | Americas | Present |
| Question 1/1 | Vice-Rapporteur | Mr Turhan MULUK | Intel Corporation | United States of America | Americas | Present |
| Question 1/1 | Vice-Rapporteur | Mr Bharat B BHATIA | Administration | India (Republic of) | Asia & Pacific | Remote |
| Question 1/1 | Vice-Rapporteur | Ms Syahniza Md. SHAH | Administration | Malaysia | Asia & Pacific | Present |
| Question 1/1 | Vice-Rapporteur | Ms Ziqi ZHANG | Administration | China (People's Republic of) | Asia & Pacific | Remote |
| Question 1/1 | Vice-Rapporteur | Ms Uliana STOLIAROVA | Administration | Russian Federation | CIS Countries | Present |
| Question 1/1 | Vice-Rapporteur | Ms Nataša KUZMANOVIĆ | Administration | Bosnia and Herzegovina | Europe | Present |
| Question 1/1 | Vice-Rapporteur | Mr Ugur KAYDAN | Administration | Türkiye | Europe | Absent |
| Question 1/1 | Vice-Rapporteur | Mr Jesús CARBALLAL | Axon Partners Group | Spain | Europe | Remote |
| Question 1/1 | Vice-Rapporteur | Mr Juan PEIRANO | Internet Society | United Kingdom of Great Britain and Northern Ireland | Europe | Absent |
| Question 1/1 | Vice-Rapporteur | Ms Gevher Nesibe TURAL TOK | Türk Telekom | Türkiye | Europe | Absent |
| Question 2/1 | Co-Rapporteur | Mr Roberto Mitsuake HIRAYAMA  | Administration | Brazil (Federative Republic of) | Americas | Present |
| Question 2/1 | Co-Rapporteur | Mr Stanislas KANVOLI | Administration | Côte d'Ivoire (Republic of) | Africa | Remote |
| Question 2/1 | Vice-Rapporteur | Ms Therese KOIVOGUI | Administration | Guinea | Africa | Remote |
| Question 2/1 | Vice-Rapporteur | Mr Malick NDIAYE | Administration | Senegal (Republic of) | Africa | Remote |
| Question 2/1 | Vice-Rapporteur | Mr Jean Marie MAIGNAN | Administration | Haiti | Americas | Absent |
| Question 2/1 | Vice-Rapporteur | Mr Luyu ZHAO | China Institute of Communications (CIC) | China (People's Republic of) | Asia & Pacific | Remote |
| Question 2/1 | Vice-Rapporteur | Ms Nataša KUZMANOVIĆ | Administration | Bosnia and Herzegovina | Europe | Present |
| Question 3/1 | Co- Rapporteur | Mr Serigne Abdou Lahatt SYLLA | Administration | Senegal (Republic of) | Africa | Remote |
| Question 3/1 | Co-Rapporteur | Ms Alison BALZER | Administration | United States of America | Americas | Present |
| Question 3/1 | Vice-Rapporteur | Ms Ruth KARIUKI | Administration | Kenya (Republic of) | Africa | Remote |
| Question 3/1 | Vice-Rapporteur | Mr N'guessan Tchissou Jean Roger KOFFI | Administration | Côte d'Ivoire (Republic of) | Africa | Present |
| Question 3/1 | Vice-Rapporteur | Mr Giquel Thérance SASSA | Ecole Nationale Supérieure des Postes, Télécommunications et TIC (SUP'PTIC) | [Cameroon](https://www.itu.int/net4/ITU-D/CDS/gq/StudyGroups/2022/default.asp?Country=CMR) | Africa | Absent |
| Question 3/1 | Vice-Rapporteur | Mr Edva ALTEMAR | Administration | Haiti | Americas | Absent |
| Question 3/1 | Vice-Rapporteur | Mr Abdelwaheb GALIZRA | Administration | Algeria (People's Democratic Republic of) | Arab States | Remote |
| Question 3/1 | Vice-Rapporteur | Mr Hideo IMANAKA | Administration  | Japan | Asia & Pacific | Present |
| Question 3/1 | Vice-Rapporteur | Ms Jingli WANG | Administration | China (People's Republic of) | Asia & Pacific | Remote |
| Question 3/1 | Vice-Rapporteur | Ms Muberra BINGOL | Administration | Türkiye | Europe | Remote |
| Question 3/1 | Vice-Rapporteur | Mr Gökhan TOK | Access Partnership Ltd | United Kingdom of Great Britain and Northern Ireland | Europe | Present |
| Question 4/1 | Rapporteur | Mr Arseny PLOSSKY | Administration | Russian Federation | CIS countries | Present |
| Question 4/1 | Vice-Rapporteur | Mr Denis R VILLALOBOS ARAYA | Administration | Costa Rica  | Americas | Absent |
| Question 4/1 | Vice-Rapporteur | Mr Yan CHEN | Beijing University of Posts and Telecommunications | China (People's Republic of) | Asia & Pacific | Absent |
| Question 4/1 | Vice-Rapporteur | Ms Diago DIOUF FATI | Administration | Senegal (Republic of) | Africa | Present |
| Question 4/1 | Vice-Rapporteur | Mr Talent MUNYARADZI | Administration | Zimbabwe (Republic of) | Africa | Present |
| Question 4/1 | Vice-Rapporteur | Mr Tyler CROWE | Administration | United States of America | Americas | Present |
| Question 4/1 | Vice-Rapporteur | Mr Wesam M. SEDIK | Administration | Egypt | Arab States | Present |
| Question 4/1 | Vice-Rapporteur | Mr Xiaoyu LIU | Administration | China (People's Republic of) | Asia & Pacific | Remote |
| Question 4/1 | Vice-Rapporteur | Ms Memiko OTSUKI | Administration | Japan | Asia & Pacific | Present |
| Question 4/1 | Vice-Rapporteur | Mr Recep DURAN | Administration | Türkiye | Europe | Remote |
| Question 4/1 | Vice-Rapporteur | Mr Emanuele GIOVANNETTI | Anglia Ruskin University | United Kingdom | Europe | Remote |
| Question 4/1 | Vice-Rapporteur | Mr Mustafa GÖKHAN ACAR | Türk Telekom | Türkiye | Europe | Remote |
| Question 4/1 | Vice-Rapporteur | Mr Jorge MARTÍNEZ  | Axon Partners Group  | Spain | Europe | Remote |
| Question 4/1 | Vice-Rapporteur | Mr Sidy DIOP | Deloitte | France | Europe | Remote |
| Question 5/1 | Co-Rapporteur | Ms Caecilia NYAMUTSWA | Administration | Zimbabwe | Africa | Present |
| Question 5/1 | Co-Rapporteur | Mr Ja Heung KOO | Administration | Korea (Rep. of) | Asia & Pacific | Present |
| Question 5/1 | Vice-Rapporteur | Mr Babou SARR | Administration | Senegal | Africa | Present |
| Question 5/1 | Vice-Rapporteur | Mr Mahalmadane Sidi TOURE | Administration | Mali (Republic of) | Africa | Present |
| Question 5/1 | Vice-Rapporteur | Mr Edva ALTEMAR | Administration | Haiti | Americas | Present |
| Question 5/1 | Vice-Rapporteur | Mr Christopher HEMMERLEIN | Administration | United States of America | Americas | Present |
| Question 5/1 | Vice-Rapporteur | Mr Turhan MULUK | Intel Corporation | United States of America | Americas | Remote |
| Question 5/1 | Vice-Rapporteur | Ms Runzhu CHEN | Administration | China (People's Republic of) | Asia & Pacific | Remote |
| Question 5/1 | Vice-Rapporteur | Mr Ashi KAPOOR | Administration | India (Republic of) | Asia & Pacific | Remote |
| Question 5/1 | Vice-Rapporteur | Ms Julia NIETSCH | Administration | France | Europe | Remote |
| Question 5/1 | Vice-Rapporteur | Mr Yusuf Korhan SELEK | Administration | Türkiye | Europe | Remote |
| Question 5/1 | Vice-Rapporteur | Mr Anthony Virgil ADOPO | Deloitte | France | Europe | Remote |
| Question 5/1 | Vice-Rapporteur | Mr Shiv BAKHSHI | Ericsson | Sweden | Europe | Present |
| Question 5/1 | Vice-Rapporteur | Ms Paulina PASTOR | Axon Partners Group  | Spain | Europe | Absent |
| Question 6/1 | Co-Rapporteur | Ms Cristiana CAMARATE | Administration | Brazil (Federative Republic of) | Americas  | Remote |
| Question 6/1 | Co-Rapporteur | Ms Wei PEI | China Institute of Communications (CIC) | China (People's Republic of) | Asia & Pacific | Remote |
| Question 6/1 | Vice-Rapporteur | Ms Caroline Kathure MURIANKI | Administration | Kenya (Republic of) | Africa | Remote |
| Question 6/1 | Vice-Rapporteur | Mr Issouf SOULAMA | Administration | Burkina Faso | Africa | Remote |
| Question 6/1 | Vice-Rapporteur | Ms Hadiza KACHALLAH | Administration | Nigeria (Federal Republic of) | Africa | Present |
| Question 6/1 | Vice-Rapporteur | Ms Anne Chantal NGONDJI | Ecole Nationale Supérieure des Postes, Télécommunications et TIC (SUP'PTIC) | [Cameroon](https://www.itu.int/net4/ITU-D/CDS/gq/StudyGroups/2022/default.asp?Country=CMR) | Africa | Remote |
| Question 6/1 | Vice-Rapporteur | Mr Jesús Coquis ROMERO | Administration | Mexico | Americas | Remote |
| Question 6/1 | Vice-Rapporteur | Ms Hayun KANG | Administration | Korea (Rep. of) | Asia & Pacific | Remote |
| Question 6/1 | Vice-Rapporteur | Ms Lin LIN | Administration | China (People's Republic of) | Asia & Pacific | Remote |
| Question 6/1 | Vice-Rapporteur | Ms Tharalika LIVERA | Administration | Sri Lanka (Democratic Socialist Republic of) | Asia & Pacific | Remote |
| Question 6/1 | Vice-Rapporteur | Mr Osman SAHIN | Administration | Türkiye | Europe | Remote |
| Question 6/1 | Vice-Rapporteur | Mr Carlo AGDAMAG | Access Partnership Ltd | United Kingdom of Great Britain and Northern Ireland | Europe | Remote |
| Question 7/1 | Co-Rapporteur | Ms Amela Odobašić  | Administration | Bosnia and Herzegovina | Europe | Present |
| Question 7/1 | Co-Rapporteur | Ms Mina Seonmin JUN | Administration | Korea (Rep. of) | Asia & Pacific | Present |
| Question 7/1 | Vice-Rapporteur | Ms Mariéme Thiam NDOUR | Administration | Senegal (Republic of) | Africa | Absent |
| Question 7/1 | Vice-Rapporteur | Mr Kadiri OURO-AGORO | Administration | Togolese Republic | Africa | Absent |
| Question 7/1 | Vice-Rapporteur | Mr Gragba SEVERIN | Administration | Côte d'Ivoire (Republic of) | Africa | Remote |
| Question 7/1 | Vice-Rapporteur | Ms Ileana Gama BENÍTEZ | Administration | Mexico | Americas | Present |
| Question 7/1 | Vice-Rapporteur | Mr Kun YANG | Administration | China (People's Republic of) | Asia & Pacific | Remote |
| Question 7/1 | Vice-Rapporteur | Mr Mitsuji MATSUMOTO | Administration | Japan | Asia & Pacific | Remote |

**Annex 2: List of coordinators**

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| **Topic** | **Coordinators (vice-chairmen or rapporteurs)** |
| 1. Backup to the SG chairman | Caecilia Nyamutswa, Roberto Hirayama (2022 meeting) |
| 2. Plenary liaison statements | Sangwon Ko (2022 meeting), Memiko Otsuki, Mehmet Alper Tekin |
| 3. Joint activities (annual deliverables, workshops, webinars) | Caecilia Nyamutswa, Sunil Kumar Singhal |
| 4. Council working groups | Sameera B. Momen Mohammad |
| 5. Youth and women engagement | George Anthony Giannoumis, Umida Musaeva |
| 6. Delegate on-boarding (e.g. induction) | Roberto Hirayama, Caecilia Nyamutswa |
| 7. WTDC Resolution 9 | Sunil Kumar Singhal, Roberto Hirayama |
| 8. Statistics (EGTI, EGH) | Sangwon Ko, Mehmet Alper Tekin |
| 9. ITU-CCT (Vocabulary) | Sameera B. Momen Mohammad |
| 10. Inter-sectoral mappings | Arseny Plossky |
| 11. Synergies of study Questions with ITU actions (e.g. projects) | Khayala A. Pashazade, Sunil Kumar Singhal |
| 12. Dashboard for monitoring Question progress | TBD |
| 13. Working methods (amendments to WTDC Res. 1) | Amah Vinyo Capo |
| 14. Future Study Questions | Roberto Hirayama |
| 15. Synergies of future study Questions with regional preparatory processes | Roberto Hirayama |
| 16. Streamlining of WTDC Resolutions | TBD |

Note: The table above will be updated in due course to complete the items with TBD.

**Annex 3: Work plan of ITU-D Study Group 1**



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1. [Meaningful connectivity](https://www.itu.int/itu-d/meetings/statistics/wp-content/uploads/sites/8/2022/04/UniversalMeaningfulDigitalConnectivityTargets2030_BackgroundPaper.pdf) is a level of connectivity that allows users to have a safe, satisfying, enriching and productive online experience at an affordable cost. [↑](#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 SG1 2022 photos are available at: <https://www.flickr.com/photos/itupictures/albums/72177720304055588> [↑](#footnote-ref-4)
4. Contribitions reviewed by ISCG are available [here](https://www.itu.int/en/general-secretariat/ties/Pages/ISCG-documents.aspx). [↑](#footnote-ref-5)
5. 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). [↑](#footnote-ref-6)