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| ITU Logo | INTERNATIONAL TELECOMMUNICATION UNION  **TELECOMMUNICATION STANDARDIZATION SECTOR**  STUDY PERIOD 2017-2020 | | TSAG-TD816 | | |
| **TSAG** | | |
| **Original: English** | | |
| **Question(s):** | | N/A | | E-Meeting, 21-25 September 2020 | |
| **TD** | | | | | |
| **Source:** | | Chairman, Inter-Sector Coordination Group (ISCG) | | | |
| **Title:** | | Status report of the ISCG | | | |
| **Purpose:** | | Discussion | | | |
| **Contact:** | | Mr. Fabio Bigi ISCG Chairman Italy | | | E-mail: [iscg@itu.int](mailto:iscg@itu.int)  E-mail: [Fabio.bigi@virgilio.it](mailto:Fabio.bigi@virgilio.it) |

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| **Keywords:** | ISCG; inter-sector coordination group; |
| **Abstract:** | This TD presents the report of the Inter-Sector Coordination Group (ISCG) on Issues of Mutual Interest. Last meeting of the ISCG was held on June 1st, 2020. |

1. **Introduction**

The Inter-Sector Coordination Group (ISCG) on issues of mutual interest was established jointly by the Advisory Groups of all ITU Sectors – the Radiocommunication Advisory Group (RAG), the Telecommunication Standardization Advisory Group (TSAG), and the Telecommunication Development Advisory Group (TDAG).

As per [Resolution 191 (Rev. Dubai, 2018)](https://www.itu.int/en/council/Documents/basic-texts/RES-191-E.pdf) of the Plenipotentiary Conference, the group identifies subjects common to the three Sectors and the General Secretariat, or, bilaterally, and considers an updated list containing the areas of mutual interest to the three Sectors and the General Secretariat pursuant to the mandates assigned by each ITU assembly or conference, and in accordance with the objectives of the ITU Strategic Plan.

The group also identifies the necessary mechanisms to strengthen cooperation and joint activity among the three Sectors and the General Secretariat, or with each Sector, on issues of mutual interest.

The ISCG last met on June 1st, 2020, before the Telecommunication Development Advisory Group (TDAG) meeting (Virtual, 2-5 June 2020), and it was the first meeting of the group to take place in a fully virtual format. The final report can be found attached as an annex of this document, as well as in the [ISCG website](https://www.itu.int/en/general-secretariat/Pages/ISCG/default.aspx).

1. **Issues of mutual interest**

The ISCG Chairman would like to raise to the attention of TSAG the main topics that were discussed during the last meeting, and some concerns received from the members since June 2020, for TSAG to discuss and present its comments:

* The need to coordinate remote participation procedures, trying to identify a tool that could be used by the 3 Sectors and by the regional offices too. Considering also connectivity requirements of such tools, especially in developing countries.
* The need to unify certain criteria between the 3 Sectors related to their websites, how information and resources are displayed (Advisory Groups and ISCG websites), and how to submit and download documents.
* Pilot theme - Climate change: as the pilot theme selected to strengthen cooperation, a mapping of activities was presented and updated during the meeting in June (see Annex). It includes the new corporate website on “Environment and climate change” where all ITU’s key areas of activity had been consolidated, covering the activities of the 3 Sectors. This new website can be found in [www.itu.int/climate](http://www.itu.int/climate).
* Mapping tables were updated and are available in the [ISCG website](https://www.itu.int/en/general-secretariat/Pages/ISCG/default.aspx).
* Concerns were raised by Sector members that cannot access documents from inter-sectoral coordination activities when they are generated and/or published by a sector from which they are not members (e.g. Advisory groups).

The ISCG Chairman, together with the Secretariat, carried out internal consultations, and the ISCG would like to recommend posting all documents related to inter-sectoral coordination activities in the [ISCG website](https://www.itu.int/en/general-secretariat/Pages/ISCG/default.aspx), where all members can have access with their TIES account.

Finally, the ISCG Chairman would like to inform all communication channels to contact and to be informed about the ISCG activities:

* ***Website***: <https://www.itu.int/en/general-secretariat/Pages/ISCG/default.aspx>
* ***E-mail***: [iscg@itu.int](mailto:iscg@itu.int)
* ***Mailing list***: to subscribe to the inter-sect-group mailing list you need to access <https://www.itu.int/en/ties-services/Pages/default.aspx>, and login with your TIES account. The mailing list is under ITU > Cross-sector > SG > int-sect-group).

1. **Conclusion**

TSAG is invited to discuss this document and to present some proposal of possible mechanisms to strengthen cooperation and coordination among all sectors and/or joint activities to be developed, to the next Inter-Sector Coordination Group (ISCG).

The date for the next ISCG meeting has to be decided within the members. Although it is foreseen a meeting of the ISCG during a meeting of an Advisory Group, to allow participation of interested members of the concerned sector, due to Covid-19 pandemic, all meetings are being organized in a virtual format so a back to back meeting with an Advisory Group is recommended. Next TDAG meeting will take place on 23 November 2020; and RAG is already scheduled for 29 March to 1 April 2021.

So TSAG is also invited to inform the dates for its next meeting to see if a back to back meeting of the ISCG can be organized before the end of the year.

**ANNEX**

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| **Inter-Sector Coordination Group Geneva, 1 June 2020** | C:\Users\murphy\AppData\Local\Temp\Temp1_ITU logo Entire package.zip\jpg\ITU official logo_blue_RGB.jpg | |
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| **Source:** | Chairman, Inter-Sector Coordination Group (ISCG) | |
| **Title:** | Status report of the ISCG | |
| **Purpose:** | Admin (**X**) / Information ( ) / Discussion ( ) / Proposal ( ) | |
| **Contact:** | Mr Fabio Bigi ISCG Chairperson Italy | E-mail: [Fabio.bigi@virgilio.it](mailto:Fabio.bigi@virgilio.it) |

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| **Contact:** | ITU/GS/SPM/SPD Secretariat | Tel: +41 227306036 E-mail: [Victoria.sukenik@itu.int](mailto:Victoria.sukenik@itu.int) |

1. **Introduction**

The first meeting in 2020 of the Inter-Sector Coordination Group (ISCG) on issues of mutual interest, took place virtually, using the Interprefy platform, on 1 June 2020, from 15:00 to 16:30 (CEST).

The meeting was chaired by Mr Fabio Bigi (Italia), Chairman of the ISCG. The Chairman welcomed the members of the ISCG to the first meeting for the year 2020 and the first meeting of the group to take place in a fully virtual format.

Mr Malcolm Johnson, Deputy Secretary-General of ITU, delivered opening remarks and thanked Ms Fabio Bigi for the work being done by the ISCG which has been recognised as a very important topic by the Plenipotentiary Conference.

Mr Johnson mentioned that due to the Covid-19 pandemic all ITU meetings had become virtual and are expected to continue in that way right up to the end of September at least. This meetings had proved to be more efficient, effective and inclusive.

Finally he mentioned that since the ISCG last met, the Secretariat has implemented a joint webpage in the ITU website where all the information related to intersector coordination is available.

The Agenda was approved and the ISCG Chairman welcomed the new RAG representatives appointed for the cycle 2020-2023, Mr Abdouramane El Hadjar (Cameroon) and Mr Victor Manuel Martinez Vanegas (Mexico).

All the documents presented and discussed during the meeting, including the Agenda and the list of participants, can be found in the [ISCG webpage](https://www.itu.int/en/general-secretariat/Pages/ISCG/default.aspx).

1. **Main discussions**

**2.1. Approval of the report of the last ISCG meeting**

The report of the last ISCG meeting held in Geneva, Switzerland, on 25 September 2019, presented to the TSAG meeting that took place in February 2020, was approved as contained in [TSAG-TD680](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0680/en).

The TSAG Chairman mentioned TSAG did not have time to identify issues of mutual interest because the meetings are focused on the WTSA preparations. Recognized the the need to continue working on the mapping of activities.

**2.2. Presentation of the progress report to TDAG**

The ISCG Chairman presented the progress report submitted to the TDAG meeting that will take place from 2 to 5 June 2020.

This ISCG meeting was originally scheduled to be celebrated during the TDAG meeting but due to the Covid-19 pandemic and all meetings turned into virtual, it had to be allocated on 1 June 2020. The progress report, contained in document [TDAG-20/5-E](https://www.itu.int/md/D18-TDAG25.2-C-0005/en), will be completed with the results of this meeting and presented to TDAG on Friday, 5 June 2020.

The RAG representative mentioned the Advisory Group will finish the mapping of activities and will use it to provide a detailed list of issues of mutual interest now that they had started de new cycle after AR-19 and WRC-19.

**2.3. Report on the implementation of PP Resolution 191 (Rev. Dubai, 2018)**

The Secretariat presented the report on the implementation of Resolution 191 (Rev. Dubai, 2019) contained in document [C20/38-E](https://www.itu.int/md/S20-CL-C-0038/en) submitted to Council 2020.

The Secretariat also mentioned that discussions are still taking place among the Council Members to decide whether there will be a virtual consultation of Council 2020.

The report contains the work carried out by the Inter-sectoral Coordination Task Force (ISC-TF) within the Secretariat, and the Inter-Sector Coordination Group (ISCG) on issues of mutual interest, within ITU membership, as well as other initiatives carried out by ITU to strengthen collaboration among the 3 Sectors and the General Secretariat, avoid duplication of efforts and optimize the use of resources.

All matters related to Intersectoral Coordination have now been consolidated in ITU website under the General Secretariat, and can be found in <https://www.itu.int/en/general-secretariat/Pages/intersectoral-coordination.aspx>

Some members commented on the importance and benefits of remote participation, as more participants can join, but also mentioned the need to coordinate remote participation procedures as there are many different platforms being used. To try to identify a tool that could be used by the 3 Sectors and by the regional offices too.

TDAG Chairman mentioned that also connectivity should be taken into account, especially in developing countries, and now that people are working from home because of the Covid-19 pandemic, not everywhere there is the necessary bandwidth required to join this virtual platforms.

Also, some members commented on the need to unify certain criteria between the 3 Sectors related to their websites, how information and resources are displayed, and how to submit and download documents.

The ISCG Chairman agreed that the ISCG should take time to analyse the remote participation procedures and try to harmonize the use of electronic means. Also agreed on the need to standardize the access and displayed of information in the 3 Sectors websites.

The Deputy Secretary-General mentioned, related to the remote participation, that this matter should be considered also taking into account the transition period to the new building period, so all inputs from the membership are welcome.

**2.4. Strengthening cooperation and joint activities on issues of mutual interest**

**2.4.1. Pilot theme: “Climate change”**

The Secretariat presented a mapping of ITU activities related to Climate Change. The mapping of activities contained in **Annex I** reflects the structure, activities, resources, and publications developed by each of the Sectors on this matter.

Also, the Connect 2030 Agenda microsite was presented, where Goal 3: Sustainability covers issues related to e-waste, GHG emissions and emergency telecommunications. The Connect 2030 Agenda microsite was launched during the WTISD 2020, and is available in <https://itu.foleon.com/itu/connect-2030-agenda/home/>

Some members commented that the subtopic sharing of active and passive infrastructure should be included in the mapping of activities related to climate change as part of the work of the 3 Sectors. So, the ISCG Chairman requested the members to provide the information to be included in the mapping.

The ISC-TF Focal Point on “Environment and Smart and Sustainable Cities and Communities” was invited to make a presentation on the progress of the collaborative work between the 3 Sectors. The presentation con be found in the ISCG webpage.

A new corporate website on Environment and climate change has been developed where all ITU’s key areas of activity had been consolidated, covering the activities of the 3 Sectors. This new webpage can be found in [www.itu.int/climate](http://www.itu.int/climate).

The ISCG Chairman mentioned that as per the proposed process presented during the ISCG meeting held in September, the first two steps were concluded (identifying the pilot theme and the actors involved), now is up to the ISCG members to propose the way forward.

The ISCG Chairman also suggested that a possible new theme could be accessibility, also supported by the Deputy Secretary General as a topic where the 3 Sectors should collaborate. During the RAG meeting one Administration mentioned that the ISCG could work on strengthening collaboration on gender issues.

Finally, the ISCG Chairman highlighted that the ISCG is pleased with the results of the first pilot theme, but still the mapping of activities should be completed before selecting a new theme. And that the ISCG should start considering the report to be submitted to WTSA as well as to the other Sectors’ Assemblies. So, the Advisory Groups will be informed and requested to analyse the report, advise on the way forward and propose other topics.

**2.4.2. Mapping Tables**

Three contributions were presented to update the Mapping Tables between the 3 Sectors’ Questions and Working Parties:

* [TSAG-LS31](https://www.itu.int/ifa/t/2017/ls/tsag/sp16-tsag-oLS-00031.zip) – [Att 1](https://ituint-my.sharepoint.com/personal/victoria_sukenik_itu_int/Documents/ISCG/ISCG-2020%201st%20meeting-1Jun2020/Documents%20received/TSAG-LS%2031-att1.docx) – [Att 2](https://ituint-my.sharepoint.com/personal/victoria_sukenik_itu_int/Documents/ISCG/ISCG-2020%201st%20meeting-1Jun2020/Documents%20received/TSAG-LS%2031-att2.docx)
* [SG9-LS108](https://www.itu.int/md/T17-SG09-200416-TD-GEN-0873/en)
* [TDAG-Contribution](https://ituint-my.sharepoint.com/personal/victoria_sukenik_itu_int/Documents/ISCG/ISCG-2020%201st%20meeting-1Jun2020/Documents%20received/Contribution-TDAG-Inter-sectoral%20coordination%20between%20ITU-D%20and%20ITU-T.docx)

The meeting agreed that the Secretariat will update the Mapping Tables published in the ISCG webpage with the information received from TSAG and TDAG as shown in **Annex 2**; and will send it to the 3 Advisory Groups for information.

Some members requested to include in the report that the latest version of the Mapping Tables is being kept and updated in the ISCG webpage.

Finally, TSAG also presented document [TSAG-LS30R1](https://www.itu.int/ifa/t/2017/ls/tsag/sp16-tsag-oLS-00030r1.zip) on streamlining Resolution, for information.

**2.5 Future activities**

The Secretariat will prepare the report and send it to RAG, TSAG and TDAG for information and action.

The Secretariat also mentioned that the webpage is being updated, as well as the ISCG mailing list, so all ISCG members are welcome to visit <https://www.itu.int/en/general-secretariat/Pages/ISCG/default.aspx> to be informed of the activities.

The ISCG Chairman highlighted that it is foreseen a meeting of the ISCG during a meeting of an Advisory Group, to allow participation of interested members of the concerned sector. Since next TSAG meeting, scheduled in September will be virtual and fully dedicated to the WTSA-20 preparation, and the RAG meeting is scheduled in March 2021, it is proposed to have a meeting of the ISCG towards the end of 2020, very likely in virtual form. The exact date will be decided and communicated after consultation with the members.

**2.6. Closure of the meeting**

Mr Fabio Bigi, Chairman of the ISCG thanked Deputy Secretary General, the Chairmen of RAG, TSAG and TDAG, the representatives from the 3 Sectors, and all the participants for their support.

The Chairman also extended his appreciation to the Secretariat and the SPM team for the assistance in this meeting and for their support.

**ANNEX 1**

**Mapping of activities of ITU-R, ITU-T and ITU-D related to “Climate change”**

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| [**PP-Resolution 182 (Rev. Busan 2014)**](https://www.itu.int/en/council/Documents/basic-texts/RES-182-E.pdf) | **RADIOCOMMUNICATION** | **STANDARDIZATION** | **DEVELOPMENT** |
| Environment | [Study Group 7](https://www.itu.int/en/ITU-R/study-groups/rsg7/Pages/default.aspx) | [Study Group 5](https://www.itu.int/en/ITU-T/studygroups/2017-2020/05/Pages/default.aspx) | [Study Group 2](https://www.itu.int/net4/ITU-D/CDS/sg/index.asp?lg=1&sp=2018&stg=2) |
| Sustainability |  | Study Group 5 |  |
| Earth observation | Study Group 7 - WP 7B |  | Study Group 2 - Q6/2 |
| Remote sensing | Study Group 7 - WP 7C |  | Study Group 20 - Q4/20 |
| Energy | Study Group 7 | Study Group 5 - Q6/5 / [FG-AI4EE](https://www.itu.int/en/ITU-T/focusgroups/ai4ee/Pages/default.aspx) |  |
| Water |  | Study Group 5 |  |
| e-waste |  | Study Group 5 - Q7/5 | Study Group 2 - Q6/2 |
| Circular economy |  | Study Group 5 - Q7/5 |  |
| GHG emissions |  | Study Group 5 - Q9/5 | Study Group 2 - Q6/2 |
| Infrastructure sharing | Study Group 5 – WPs / WPs 4A, 4B, 4C, 6A, 7B | Study Group 3 - Q3/3 | Study Group 1 - Q4/1 & Q1/1 |
| Spectrum sharing | Study Group 1 - WP 1B | Study Group 3 | Study Group 1 |
| ICT applications | Study Group 7 | Study Groups 5 / [Study Group 20](https://www.itu.int/en/ITU-T/studygroups/2017-2020/20/Pages/default.aspx) |  |
| **EVENTS** |  | Symposium on ICTs and Climate Change |  |
|  | [Green Standards Week](https://www.itu.int/en/ITU-T/Workshops-and-Seminars/gsw/Pages/default.aspx) |  |
| [WSIS – Action Line 7](https://www.itu.int/en/ITU-D/Climate-Change/Pages/WSISALC7.aspx) (e-Environment) | | |
| World Telecommunication/ICT Policy Forum | | |
| **Partnership with other organizations** | WMO | [U4SSC](https://www.itu.int/en/ITU-T/ssc/united/Pages/default.aspx) | Global e-waste Statistics Partnership |
| GEO |  | E-waste Coalition |
| UN Climate Change Conferences | | |
| UN 2030 Agenda for Sustainable Development (SDG 13) | | |
| **Resolutions** | [Resolution 60 (RA-19)](https://www.itu.int/pub/R-RES-R.60) | [Resolution 73 (Rev. Hammamet, 2016)](https://www.itu.int/pub/T-RES-T.73-2016) | [Resolution 66 (Rev. Buenos Aires, 2017)](https://www.itu.int/en/ITU-D/Conferences/WTDC/WTDC17/Documents/WTDC17_final_report_en.pdf) |
| [Resolution 61 (RA-19)](https://www.itu.int/pub/R-RES-R.61) | [Resolution 79 (Rev. Hammamet, 2016)](https://www.itu.int/pub/T-RES-T.79-2016) |  |
| **Recommendations** | [RS Series](https://www.itu.int/rec/R-REC-RS/en) - Remote sensing | [Green ICT Standards and Supplements](https://www.itu.int/net/ITU-T/lists/standards.aspx?Group=5&Domain=28) | [D.21](https://www.itu.int/rec/D-REC-D.21/en) |
| [SA Series](https://www.itu.int/rec/R-REC-SA/en) - Space applications and meteorology |  |  |
| **Reports** | [RS Series](https://www.itu.int/pub/R-REP-RS/en) - Remote sensing | [Technical Papers and Reports](https://www.itu.int/en/ITU-T/climatechange/Pages/publications.aspx) | [Final Report of Q 6/2](https://www.itu.int/pub/D-STG-SG02.06.1-2017) (2017) |
| [SA Series](https://www.itu.int/pub/R-REP-SA/en) - Space applications and meteorology |  |  |
| **Publications** | <https://www.itu.int/en/action/environment-and-climate-change/Pages/latest-reports-and-publications.aspx> | | |
| **Webpage** | <https://www.itu.int/en/action/environment-and-climate-change/Pages/default.aspx> | | |
| **Connect 2030 Agenda** | <https://itu.foleon.com/itu/connect-2030-agenda/home/> | | |

**ANNEX 2**

**Table 1: Mapping of ITU-D SG1 and SG2 Questions to ITU-R Working Parties**

The mapping of ITU-R and ITU-D work presented below focuses on mapping to the level of ITU-R working parties only (last update was during ITU-D SG1 and SG2 meetings in March 2019).

**Matrix of ITU-D Questions and ITU-R Working Parties**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **R\D** | [**WP 1A**](https://www.itu.int/go/ITU-R/wp1a) | [**WP 1B**](https://www.itu.int/go/ITU-R/wp1b) | [**WP 1C**](https://www.itu.int/go/ITU-R/wp1c) | [**WP 3J**](https://www.itu.int/go/ITU-R/wp3j) | [**WP 3K**](https://www.itu.int/go/ITU-R/wp3k) | [**WP 3L**](https://www.itu.int/go/ITU-R/wp3l) | [**WP 3M**](https://www.itu.int/go/ITU-R/wp3m) | [**WP 4A**](https://www.itu.int/go/ITU-R/wp4a) | [**WP 4B**](https://www.itu.int/go/ITU-R/wp4b) | [**WP 4C**](https://www.itu.int/go/ITU-R/wp4c) | [**WP 5A**](https://www.itu.int/go/ITU-R/wp5a) | [**WP 5B**](https://www.itu.int/go/ITU-R/wp5b) | [**WP 5C**](https://www.itu.int/go/ITU-R/wp5c) | [**WP 5D**](https://www.itu.int/go/ITU-R/wp5d) | [**WP 6A**](https://www.itu.int/go/ITU-R/wp6a) | [**WP 6B**](https://www.itu.int/go/ITU-R/wp6b) | [**WP 6C**](https://www.itu.int/go/ITU-R/wp6c) | [**WP 7A**](https://www.itu.int/go/ITU-R/wp7a) | [**WP 7B**](https://www.itu.int/go/ITU-R/wp7b) | [**WP 7C**](https://www.itu.int/go/ITU-R/wp7c) | [**WP 7D**](https://www.itu.int/go/ITU-R/wp7d) |
| [**Q1/1**](https://www.itu.int/net4/ITU-D/CDS/sg/rgqlist.asp?lg=1&sp=2018&rgq=D18-SG01-RGQ01.1&stg=1) | **X** | **X** | **X** |  | **X** |  | **X** | **X** | **X** | **X** | **X** |  | **X** | **X** | **X** |  |  |  |  |  |  |
| [**Q2/1**](https://www.itu.int/net4/ITU-D/CDS/sg/rgqlist.asp?lg=1&sp=2018&rgq=D18-SG01-RGQ02.1&stg=1) | **X** | **X** | **X** | **X** | **X** |  |  |  |  |  |  |  |  | **X** | **X** | **X** |  |  |  |  |  |
| [**Q3/1**](https://www.itu.int/net4/ITU-D/CDS/sg/rgqlist.asp?lg=1&sp=2018&rgq=D18-SG01-RGQ03.1&stg=1) |  |  |  |  |  |  |  |  | **X** |  | **X** |  |  | **X** |  |  |  |  |  |  |  |
| [**Q4/1**](https://www.itu.int/net4/ITU-D/CDS/sg/rgqlist.asp?lg=1&sp=2018&rgq=D18-SG01-RGQ04.1&stg=1) |  | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [**Q5/1**](https://www.itu.int/net4/ITU-D/CDS/sg/rgqlist.asp?lg=1&sp=2018&rgq=D18-SG01-RGQ05.1&stg=1) | **X** | **X** |  |  |  |  |  |  | **X** |  | **X** |  |  | **X** |  |  |  |  |  |  |  |
| [**Q6/1**](https://www.itu.int/net4/ITU-D/CDS/sg/rgqlist.asp?lg=1&sp=2018&rgq=D18-SG01-RGQ06.1&stg=1) |  | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [**Q7/1**](https://www.itu.int/net4/ITU-D/CDS/sg/rgqlist.asp?lg=1&sp=2018&rgq=D18-SG01-RGQ07.1&stg=1) | **X** | **X** |  |  | **X** |  |  |  |  |  | **X** | **X** |  |  | **X** | **X** |  |  |  |  |  |
| [**Q1/2**](https://www.itu.int/net4/ITU-D/CDS/sg/rgqlist.asp?lg=1&sp=2018&rgq=D18-SG02-RGQ01.2&stg=2) |  | **X** |  |  |  |  |  | **X** | **X** | **X** | **X** |  | **X** | **X** | **X** |  |  |  |  |  |  |
| [**Q2/2**](https://www.itu.int/net4/ITU-D/CDS/sg/rgqlist.asp?lg=1&sp=2018&rgq=D18-SG02-RGQ02.2&stg=2) |  | **X** |  |  |  |  |  | **X** | **X** | **X** | **X** |  | **X** | **X** | **X** |  |  |  |  |  |  |
| [**Q3/2**](https://www.itu.int/net4/ITU-D/CDS/sg/rgqlist.asp?lg=1&sp=2018&rgq=D18-SG02-RGQ03.2&stg=2) |  |  |  |  |  |  |  | **X** | **X** | **X** | **X** |  | **X** | **X** |  |  |  |  |  |  |  |
| [**Q4/2**](https://www.itu.int/net4/ITU-D/CDS/sg/rgqlist.asp?lg=1&sp=2018&rgq=D18-SG02-RGQ04.2&stg=2) | **X** |  |  |  |  |  |  |  | **X** |  | **X** |  |  | **X** |  |  |  |  |  |  |  |
| [**Q5/2**](https://www.itu.int/net4/ITU-D/CDS/sg/rgqlist.asp?lg=1&sp=2018&rgq=D18-SG02-RGQ05.2&stg=2) |  | **X** | **X** |  |  |  |  | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** |  |  | **X** |  |
| [**Q6/2**](https://www.itu.int/net4/ITU-D/CDS/sg/rgqlist.asp?lg=1&sp=2018&rgq=D18-SG02-RGQ06.2&stg=2) |  | **X** |  |  |  |  |  | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** |  |  |  |  | **X** | **X** |
| [**Q7/2**](https://www.itu.int/net4/ITU-D/CDS/sg/rgqlist.asp?lg=1&sp=2018&rgq=D18-SG02-RGQ07.2&stg=2) | **X** |  | **X** |  |  |  |  | **X** |  |  | **X** | **X** | **X** | **X** | **X** |  |  |  | **X** |  |  |

**Table 2: Mapping of ITU-T Questions to ITU-R Working Parties**

The mapping of ITU-R and ITU-T work presented below focuses on mapping to the level of ITU-R working parties only (last update was during ITU-T SG 9 meeting in April 2020).

**Matrix of ITU ITU-T Questions and ITU-R Working Parties**

|  | | [**WP 1A**](https://www.itu.int/go/ITU-R/wp1a) | [**WP 1B**](https://www.itu.int/go/ITU-R/wp1b) | [**WP 1C**](https://www.itu.int/go/ITU-R/wp1c) | [**WP 3J**](https://www.itu.int/go/ITU-R/wp3j) | [**WP 3K**](https://www.itu.int/go/ITU-R/wp3k) | [**WP 3L**](https://www.itu.int/go/ITU-R/wp3l) | [**WP 3M**](https://www.itu.int/go/ITU-R/wp3m) | [**WP 4A**](https://www.itu.int/go/ITU-R/wp4a) | [**WP 4B**](https://www.itu.int/go/ITU-R/wp4b) | [**WP 4C**](https://www.itu.int/go/ITU-R/wp4c) | [**WP 5A**](https://www.itu.int/go/ITU-R/wp5a) | [**WP 5B**](https://www.itu.int/go/ITU-R/wp5b) | [**WP 5C**](https://www.itu.int/go/ITU-R/wp5c) | [**WP 5D**](https://www.itu.int/go/ITU-R/wp5d) | [**WP 6A**](https://www.itu.int/go/ITU-R/wp6a) | [**WP 6B**](https://www.itu.int/go/ITU-R/wp6b) | [**WP 6C**](https://www.itu.int/go/ITU-R/wp6c) | [**WP 7A**](https://www.itu.int/go/ITU-R/wp7a) | [**WP 7B**](https://www.itu.int/go/ITU-R/wp7b) | [**WP 7C**](https://www.itu.int/go/ITU-R/wp7c) | [**WP 7D**](https://www.itu.int/go/ITU-R/wp7d) |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **ITU-T SG2** | [Q1/2](http://www.itu.int/en/ITU-T/studygroups/2017-2020/02/Pages/q1.aspx) |  |  |  |  |  |  |  |  |  |  | **X** | **X** |  |  |  |  |  |  |  |  |  |
| [Q3/2](http://www.itu.int/en/ITU-T/studygroups/2017-2020/02/Pages/q3.aspx) |  |  |  |  |  |  |  |  |  | **X** |  |  | **X** |  |  |  |  |  |  |  |  |
| **ITU-T SG3** | [Q2/3](http://www.itu.int/en/ITU-T/studygroups/2017-2020/03/Pages/q2.aspx) |  | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q3/3](http://www.itu.int/en/ITU-T/studygroups/2017-2020/03/Pages/q3.aspx) |  | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q4/3](https://www.itu.int/en/ITU-T/studygroups/2017-2020/03/Pages/q4.aspx) |  | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **ITU-T SG5** | [Q2/5](https://www.itu.int/en/ITU-T/studygroups/2017-2020/05/Pages/q2.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  | **X** |  |  |  |  |  |  |  |
| [Q3/5](http://www.itu.int/en/ITU-T/studygroups/2017-2020/05/Pages/q3.aspx) | **X** |  | **X** |  |  |  |  | **X** |  |  | **X** | **X** | **X** | **X** | **X** |  |  |  |  |  |  |
| [Q4/5](https://www.itu.int/en/ITU-T/studygroups/2017-2020/05/Pages/q4.aspx) | **X** |  |  |  |  |  |  |  |  |  |  |  |  | **X** |  |  |  |  |  |  |  |
| [Q6/5](https://www.itu.int/en/ITU-T/studygroups/2017-2020/05/Pages/q6.aspx) | **X** | **X** |  |  |  |  |  |  |  |  |  |  |  | **X** |  |  |  |  |  |  |  |
| [Q9/5](https://www.itu.int/en/ITU-T/studygroups/2017-2020/05/Pages/q9.aspx) |  | **X** |  |  |  |  |  |  |  |  |  | **X** |  |  |  |  |  |  |  |  |  |
| **ITU-T SG9** | [Q1/9](http://www.itu.int/en/ITU-T/studygroups/2017-2020/09/Pages/q1.aspx) |  |  | **X** |  |  |  |  | **X** |  |  |  |  |  | **X** | **X** | **X** |  |  |  |  |  |
| [Q2/9](http://www.itu.int/en/ITU-T/studygroups/2017-2020/09/Pages/q2.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | **X** |  |  |  |  |  |
| [Q5/9](http://www.itu.int/en/ITU-T/studygroups/2017-2020/09/Pages/q5.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | **X** |  |  |  |  |  |
| [Q7/9](http://www.itu.int/en/ITU-T/studygroups/2017-2020/09/Pages/q7.aspx) |  |  |  |  |  |  |  | **X** |  |  |  |  |  | **X** | **X** | **X** |  |  |  |  |  |
| [Q8/9](https://www.itu.int/en/ITU-T/studygroups/2017-2020/09/Pages/q8.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | **X** |  |  |  |  |  |
| [Q10/9](http://www.itu.int/en/ITU-T/studygroups/2017-2020/09/Pages/q10.aspx) |  |  |  | **X** | **X** | **X** | **X** |  |  | **X** |  |  | **X** | **X** | **X** |  |  |  |  |  |  |
| Q11/9 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | **X** |  |  |  |  |
| **ITU-T SG11** | [Q6/11](http://www.itu.int/en/ITU-T/studygroups/2017-2020/11/Pages/q6.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  | **X** |  |  |  |  |  |  |  |
| [Q7/11](https://www.itu.int/en/ITU-T/studygroups/2017-2020/11/Pages/q7.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  | **X** |  |  |  |  |  |  |  |
| [Q8/11](https://www.itu.int/en/ITU-T/studygroups/2017-2020/11/Pages/q8.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  | **X** |  |  |  |  |  |  |  |
| [Q10/11](http://www.itu.int/en/ITU-T/studygroups/2017-2020/11/Pages/q10.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  | **X** |  |  |  |  |  |  |  |
| **ITU-T SG12** | [Q1/12](http://www.itu.int/en/ITU-T/studygroups/2017-2020/12/Pages/q1.aspx) |  |  |  |  |  |  |  |  | **X** |  | **X** |  | **X** |  |  |  |  |  |  |  |  |
| [Q7/12](http://www.itu.int/en/ITU-T/studygroups/2017-2020/12/Pages/q7.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  | **X** |  |  | **X** |  |  |  |  |
| [Q9/12](http://www.itu.int/en/ITU-T/studygroups/2017-2020/12/Pages/q9.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  | **X** |  |  | **X** |  |  |  |  |
| [Q10/12](http://www.itu.int/en/ITU-T/studygroups/2017-2020/12/Pages/q10.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  | **X** |  |  |  |  |  |  |  |
| [Q12/12](http://www.itu.int/en/ITU-T/studygroups/2017-2020/12/Pages/q12.aspx) |  |  |  |  |  |  |  |  | **X** |  | **X** |  | **X** |  |  |  |  |  |  |  |  |
| [Q13/12](http://www.itu.int/en/ITU-T/studygroups/2017-2020/12/Pages/q13.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  | **X** |  | **X** |  |  |  |  |  |
| [Q14/12](http://www.itu.int/en/ITU-T/studygroups/2017-2020/12/Pages/q14.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  | **X** |  |  | **X** |  |  |  |  |
| [Q17/12](http://www.itu.int/en/ITU-T/studygroups/2017-2020/12/Pages/q17.aspx) |  |  |  |  |  |  |  |  | **X** |  | **X** |  | **X** | **X** |  | **X** |  |  |  |  |  |
| [Q18/12](http://www.itu.int/en/ITU-T/studygroups/2017-2020/12/Pages/q18.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | **X** |  |  |  |  |
| [Q19/12](http://www.itu.int/en/ITU-T/studygroups/2017-2020/12/Pages/q19.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | **X** |  |  |  |  |
| **ITU-T SG13** | [Q5/13](http://www.itu.int/en/ITU-T/studygroups/2017-2020/13/Pages/q5.aspx) |  |  |  |  |  |  |  |  | **X** |  | **X** |  | **X** | **X** |  |  |  |  |  |  |  |
| [Q2/13](http://www.itu.int/en/ITU-T/studygroups/2017-2020/13/Pages/q2.aspx) |  | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  | **X** |  |  |  |  |  |
| [Q16/13](http://www.itu.int/en/ITU-T/studygroups/2017-2020/13/Pages/q16.aspx) |  |  |  |  |  |  |  |  |  |  | **X** |  | **X** | **X** |  |  |  |  |  |  |  |
| [Q20/13](http://www.itu.int/en/ITU-T/studygroups/2017-2020/13/Pages/q20.aspx) |  |  |  |  |  |  |  |  |  |  |  |  | **X** | **X** |  |  |  |  |  |  |  |
| [Q21/13](http://www.itu.int/en/ITU-T/studygroups/2017-2020/13/Pages/q21.aspx) |  | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q22/13](http://www.itu.int/en/ITU-T/studygroups/2017-2020/13/Pages/q22.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q23/13](http://www.itu.int/en/ITU-T/studygroups/2017-2020/13/Pages/q23.aspx) |  |  |  |  |  |  |  |  | **X** |  | **X** |  | **X** | **X** |  |  |  |  |  |  |  |
| **ITU-T SG15** | [Q1/15](http://www.itu.int/en/ITU-T/studygroups/2017-2020/15/Pages/q1.aspx) | **X** |  |  |  |  |  |  |  |  |  |  |  | **X** | **X** | **X** | **X** |  |  |  |  |  |
| [Q4/15](http://www.itu.int/en/ITU-T/studygroups/2017-2020/15/Pages/q4.aspx) | **X** |  |  |  |  |  |  |  |  |  |  |  | **X** | **X** | **X** | **X** |  |  |  |  |  |
| [Q12/15](https://www.itu.int/en/ITU-T/studygroups/2017-2020/15/Pages/q12.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  | **X** |  | **X** |  |  |  |  |  |
| [Q13/15](https://www.itu.int/en/ITU-T/studygroups/2017-2020/15/Pages/q13.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | **X** |  |  |  |
| [Q15/15](http://www.itu.int/en/ITU-T/studygroups/2017-2020/15/Pages/q15.aspx) | **X** |  |  |  |  |  |  |  |  |  | **X** |  |  |  | **X** |  |  |  |  |  |  |
| [Q18/15](http://www.itu.int/en/ITU-T/studygroups/2017-2020/15/Pages/q18.aspx) | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  | **X** | **X** |  |  |  |  |  |
| **ITU-T SG16** | [Q1/16](https://www.itu.int/en/ITU-T/studygroups/2017-2020/16/Pages/q1.aspx) |  |  |  |  |  |  |  |  | **X** | **X** | **X** |  |  | **X** |  | **X** | **X** |  |  |  |  |
| [Q6/16](https://www.itu.int/en/ITU-T/studygroups/2017-2020/16/Pages/q6.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | **X** |  |  |  |  |  |
| [Q8/16](http://itu.int/en/ITU-T/studygroups/2017-2020/16/Pages/q8.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | **X** | **X** |  |  |  |  |
| [Q13/16](http://itu.int/en/ITU-T/studygroups/2017-2020/16/Pages/q13.aspx) |  |  |  |  |  |  |  |  | **X** |  |  |  |  | **X** |  | **X** |  |  |  |  |  |
| [Q21/16](http://itu.int/en/ITU-T/studygroups/2017-2020/16/Pages/q21.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  | **X** |  |  |  |  |  |  |  |
| [Q24/16](http://itu.int/en/ITU-T/studygroups/2017-2020/16/Pages/q24.aspx) |  |  |  |  |  |  |  |  |  | **X** | **X** |  |  |  |  |  |  |  |  |  |  |
| [Q26/16](https://www.itu.int/en/ITU-T/studygroups/2017-2020/16/Pages/q26.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | **X** |  |  |  |  |
| [Q27/16](http://itu.int/en/ITU-T/studygroups/2017-2020/16/Pages/q27.aspx) |  |  |  |  |  |  |  |  |  |  | **X** |  |  |  |  |  |  |  |  |  |  |
| **ITU-T SG17** | [Q6/17](http://www.itu.int/en/ITU-T/studygroups/2017-2020/17/Pages/q6.aspx) |  |  |  |  |  |  |  |  |  |  | **X** |  |  | **X** |  |  |  |  |  |  |  |
| [Q13/17](http://itu.int/en/ITU-T/studygroups/2017-2020/17/Pages/q13.aspx) |  |  |  |  |  |  |  |  |  |  | **X** |  |  |  |  |  |  |  |  |  |  |
| **ITU-T SG20** | [Q1/20](http://www.itu.int/en/ITU-T/studygroups/2017-2020/20/Pages/q1.aspx) |  |  |  |  |  |  |  |  | **X** |  | **X** |  |  | **X** |  |  |  |  |  |  |  |
| [Q2/20](http://www.itu.int/en/ITU-T/studygroups/2017-2020/20/Pages/q2.aspx) |  |  |  |  |  |  |  |  | **X** |  | **X** |  |  | **X** |  |  |  |  |  |  |  |
| [Q3/20](http://www.itu.int/en/ITU-T/studygroups/2017-2020/20/Pages/q3.aspx) |  |  |  |  |  |  |  |  | **X** |  | **X** |  |  | **X** |  |  |  |  |  |  |  |
| [Q4/20](http://www.itu.int/en/ITU-T/studygroups/2017-2020/20/Pages/q4.aspx) |  |  |  |  |  |  |  |  | **X** |  | **X** |  |  | **X** |  |  |  |  |  |  |  |
| [Q5/20](http://www.itu.int/en/ITU-T/studygroups/2017-2020/20/Pages/q5.aspx) |  | **X** |  |  |  |  |  |  |  |  |  |  |  | **X** |  |  |  |  |  |  |  |
| [Q6/20](http://www.itu.int/en/ITU-T/studygroups/2017-2020/20/Pages/q6.aspx) |  |  |  |  |  |  |  |  | **X** |  | **X** |  |  | **X** |  |  |  |  |  |  |  |
| [Q7/20](http://www.itu.int/en/ITU-T/studygroups/2017-2020/20/Pages/q7.aspx) |  | **X** |  |  |  |  |  |  |  |  |  |  |  | **X** |  |  |  |  |  |  |  |

**Table 3: Mapping of ITU-D SG1 and SG2 Questions to ITU-T Questions**

The mapping of ITU-D and ITU-T work presented below was last updated during the ISCG meeting in June 2020.

**Matrix of ITU-D Questions and ITU-T Questions**

|  | | **SG 1** | | | | | | | **SG 2** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Q1/1** | **Q2/1** | **Q3/1** | **Q4/1** | **Q5/1** | **Q6/1** | **Q7/1** | **Q1/2** | **Q2/2** | **Q3/2** | **Q4/2** | **Q5/2** | **Q6/2** | **Q7/2** |
| **ITU-T SG2** | [Q1/2](http://www.itu.int/en/ITU-T/studygroups/2017-2020/02/Pages/q1.aspx) | **X** |  | **X** |  |  | **X** |  | **X** |  |  | **X** |  |  |  |
| [Q2/2](http://www.itu.int/en/ITU-T/studygroups/2017-2020/02/Pages/q2.aspx) |  |  |  |  |  | **X** |  |  |  |  |  |  |  |  |
| [Q3/2](http://www.itu.int/en/ITU-T/studygroups/2017-2020/02/Pages/q3.aspx) |  |  |  |  |  |  |  |  |  |  |  | **X** |  |  |
| [Q5/2](https://www.itu.int/en/ITU-T/studygroups/2017-2020/02/Pages/q5.aspx) |  |  | **X** |  |  | **X** |  |  |  |  |  |  |  |  |
| [Q6/2](https://www.itu.int/en/ITU-T/studygroups/2017-2020/02/Pages/q6.aspx) | **X** |  | **X** |  |  |  |  | **X** |  |  |  |  |  |  |
| [Q7/2](https://www.itu.int/en/ITU-T/studygroups/2017-2020/02/Pages/q7.aspx) |  |  | **X** |  |  |  |  |  |  |  |  |  |  |  |
| **ITU-T SG3** | [Q1/3](http://www.itu.int/en/ITU-T/studygroups/2017-2020/03/Pages/q1.aspx) | **X** |  |  | **X** |  |  |  |  |  |  |  |  |  |  |
| [Q2/3](http://www.itu.int/en/ITU-T/studygroups/2017-2020/03/Pages/q2.aspx) |  |  |  | **X** |  |  |  |  |  |  |  |  |  |  |
| [Q3/3](http://www.itu.int/en/ITU-T/studygroups/2017-2020/03/Pages/q3.aspx) | **X** |  |  | **X** |  | **X** |  | **X** |  |  |  |  |  |  |
| [Q4/3](http://www.itu.int/en/ITU-T/studygroups/2017-2020/03/Pages/q4.aspx) |  |  |  | **X** |  |  |  |  |  |  |  |  |  |  |
| [Q5/3](https://www.itu.int/en/ITU-T/studygroups/2017-2020/03/Pages/q5.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q6/3](https://www.itu.int/en/ITU-T/studygroups/2017-2020/03/Pages/q6.aspx) | **X** |  |  | **X** |  |  |  |  |  |  |  |  |  |  |
| [Q7/3](https://www.itu.int/en/ITU-T/studygroups/2017-2020/03/Pages/q7.aspx) |  |  |  | **X** |  |  |  | **X** |  |  |  |  |  |  |
| [Q8/3](https://www.itu.int/en/ITU-T/studygroups/2017-2020/03/Pages/q8.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q9/3](https://www.itu.int/en/ITU-T/studygroups/2017-2020/03/Pages/q9.aspx) |  |  | **X** | **X** |  | **X** |  |  |  |  |  |  |  |  |
| [Q10/3](http://www.itu.int/en/ITU-T/studygroups/2017-2020/03/Pages/q10.aspx) | **X** |  |  | **X** |  | **X** |  |  |  |  |  |  |  |  |
| [Q11/3](http://www.itu.int/en/ITU-T/studygroups/2017-2020/03/Pages/q11.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q12/3](https://www.itu.int/en/ITU-T/studygroups/2017-2020/03/Pages/q12.aspx) |  |  | **X** | **X** |  | **X** |  |  |  |  | **X** |  |  |  |
| [Q13/3](https://www.itu.int/en/ITU-T/studygroups/2017-2020/03/Pages/q13.aspx) | **X** |  |  | **X** |  |  |  |  |  |  |  |  |  |  |
| **ITU-T SG5** | [Q1/5](https://www.itu.int/net4/ITU-T/lists/loqr.aspx?Group=5&Period=16) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q2/5](https://www.itu.int/en/ITU-T/studygroups/2017-2020/05/Pages/q2.aspx) |  |  |  |  |  |  | **X** |  |  |  | **X** |  |  |  |
| [Q3/5](http://www.itu.int/en/ITU-T/studygroups/2017-2020/05/Pages/q3.aspx) |  |  |  |  |  |  |  |  |  |  | **X** |  |  | **X** |
| [Q4/5](https://www.itu.int/en/ITU-T/studygroups/2017-2020/05/Pages/q4.aspx) |  |  |  |  | **X** |  |  |  |  |  | **X** |  |  |  |
| [Q5/5](http://www.itu.int/en/ITU-T/studygroups/2017-2020/05/Pages/q5.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q6/5](http://www.itu.int/en/ITU-T/studygroups/2017-2020/05/Pages/q6.aspx) | **X** |  | **X** |  |  |  |  | **X** |  |  |  | **X** | **X** |  |
| [Q7/5](http://www.itu.int/en/ITU-T/studygroups/2017-2020/05/Pages/q7.aspx) | **X** |  |  |  |  |  |  | **X** |  |  | **X** |  | **X** |  |
| [Q8/5](http://www.itu.int/en/ITU-T/studygroups/2017-2020/05/Pages/q8.aspx) |  |  |  |  |  |  |  |  |  |  |  |  | **X** |  |
| [Q9/5](http://www.itu.int/en/ITU-T/studygroups/2017-2020/05/Pages/q9.aspx) | **X** |  |  |  | **X** |  |  |  |  |  | **X** | **X** | **X** |  |
| **ITU-T SG9** | [Q1/9](http://www.itu.int/en/ITU-T/studygroups/2017-2020/09/Pages/q1.aspx) | **X** | **X** |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q2/9](http://www.itu.int/en/ITU-T/studygroups/2017-2020/09/Pages/q2.aspx) |  | **X** |  |  |  |  |  |  |  | **X** |  |  |  |  |
| [Q3/9](http://www.itu.int/en/ITU-T/studygroups/2017-2020/09/Pages/q3.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q4/9](http://www.itu.int/en/ITU-T/studygroups/2017-2020/09/Pages/q4.aspx) |  | **X** |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q5/9](http://www.itu.int/en/ITU-T/studygroups/2017-2020/09/Pages/q5.aspx) | **X** | **X** |  |  |  |  |  |  |  | **X** |  |  |  |  |
| [Q6/9](http://www.itu.int/en/ITU-T/studygroups/2017-2020/09/Pages/q6.aspx) |  | **X** |  |  |  |  |  |  |  |  | **X** |  |  |  |
| [Q7/9](http://www.itu.int/en/ITU-T/studygroups/2017-2020/09/Pages/q7.aspx) |  | **X** |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q8/9](http://www.itu.int/en/ITU-T/studygroups/2017-2020/09/Pages/q8.aspx) | **X** | **X** | **X** |  |  |  |  |  |  |  |  |  |  |  |
| [Q9/9](http://www.itu.int/en/ITU-T/studygroups/2017-2020/09/Pages/q9.aspx) |  | **X** | **X** |  |  |  |  |  |  |  |  |  |  |  |
| [Q10/9](http://www.itu.int/en/ITU-T/studygroups/2017-2020/09/Pages/q10.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **ITU-T SG11** | [Q1/11](http://www.itu.int/en/ITU-T/studygroups/2017-2020/11/Pages/q1.aspx) | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q2/11](http://www.itu.int/en/ITU-T/studygroups/2017-2020/11/Pages/q2.aspx) | **X** |  |  |  |  |  |  |  |  | **X** |  |  |  |  |
| [Q3/11](https://www.itu.int/en/ITU-T/studygroups/2017-2020/11/Pages/q3.aspx) |  |  |  |  |  |  |  |  |  |  | **X** | **X** |  |  |
| [Q4/11](http://www.itu.int/en/ITU-T/studygroups/2017-2020/11/Pages/q4.aspx) | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q5/11](http://www.itu.int/en/ITU-T/studygroups/2017-2020/11/Pages/q5.aspx) | **X** |  |  |  |  |  |  | **X** |  |  |  |  |  |  |
| [Q6/11](http://www.itu.int/en/ITU-T/studygroups/2017-2020/11/Pages/q6.aspx) | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q7/11](http://www.itu.int/en/ITU-T/studygroups/2017-2020/11/Pages/q7.aspx) | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q8/11](http://www.itu.int/en/ITU-T/studygroups/2017-2020/11/Pages/q8.aspx) | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q9/11](http://www.itu.int/en/ITU-T/studygroups/2017-2020/11/Pages/q9.aspx) | **X** |  |  |  |  |  |  |  |  |  | **X** |  |  |  |
| [Q10/11](http://www.itu.int/en/ITU-T/studygroups/2017-2020/11/Pages/q10.aspx) | **X** |  |  |  |  |  |  |  |  |  | **X** |  |  |  |
| [Q11/11](http://www.itu.int/en/ITU-T/studygroups/2017-2020/11/Pages/q11.aspx) |  |  |  |  |  |  |  |  |  |  | **X** |  |  |  |
| [Q12/11](http://www.itu.int/en/ITU-T/studygroups/2017-2020/11/Pages/q12.aspx) |  |  |  |  |  |  |  | **X** |  |  | **X** |  |  |  |
| [Q13/11](http://www.itu.int/en/ITU-T/studygroups/2017-2020/11/Pages/q13.aspx) |  |  |  |  |  |  |  |  |  |  | **X** |  |  |  |
| [Q14/11](http://www.itu.int/en/ITU-T/studygroups/2017-2020/11/Pages/q14.aspx) | **X** |  | **X** |  |  |  |  |  |  |  | **X** |  |  |  |
| [Q15/11](http://www.itu.int/en/ITU-T/studygroups/2017-2020/11/Pages/q15.aspx) |  |  |  |  |  | **X** |  |  |  |  | **X** |  |  |  |
| **ITU-T SG12** | [Q1/12](http://www.itu.int/en/ITU-T/studygroups/2017-2020/12/Pages/q1.aspx) |  |  |  |  |  | **X** |  |  |  |  | **X** |  |  |  |
| [Q2/12](http://www.itu.int/en/ITU-T/studygroups/2017-2020/12/Pages/q2.aspx) | **X** | **X** |  |  |  | **X** |  |  |  |  |  |  |  |  |
| [Q3/12](http://www.itu.int/en/ITU-T/studygroups/2017-2020/12/Pages/q3.aspx) |  |  |  |  |  |  | **X** |  |  |  | **X** |  |  |  |
| [Q4/12](http://www.itu.int/en/ITU-T/studygroups/2017-2020/12/Pages/q4.aspx) |  |  |  |  |  |  |  |  |  |  |  | **X** |  |  |
| [Q5/12](http://www.itu.int/en/ITU-T/studygroups/2017-2020/12/Pages/q5.aspx) |  |  |  |  |  |  | **X** |  |  |  |  |  |  |  |
| [Q6/12](http://www.itu.int/en/ITU-T/studygroups/2017-2020/12/Pages/q6.aspx) |  |  |  |  |  |  | **X** |  |  |  |  |  |  |  |
| [Q7/12](http://www.itu.int/en/ITU-T/studygroups/2017-2020/12/Pages/q7.aspx) |  | **X** |  |  |  | **X** |  |  |  |  |  |  |  |  |
| [Q8/12](http://www.itu.int/en/ITU-T/studygroups/2017-2020/12/Pages/q8.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q9/12](http://www.itu.int/en/ITU-T/studygroups/2017-2020/12/Pages/q9.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q10/12](http://www.itu.int/en/ITU-T/studygroups/2017-2020/12/Pages/q10) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q11/12](http://www.itu.int/en/ITU-T/studygroups/2017-2020/12/Pages/q11.aspx) | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q12/12](http://www.itu.int/en/ITU-T/studygroups/2017-2020/12/Pages/q12.aspx) | **X** |  |  |  |  | **X** |  |  |  |  |  |  |  |  |
| [Q13/12](http://www.itu.int/en/ITU-T/studygroups/2017-2020/12/Pages/q13.aspx) | **X** | **X** | **X** |  |  | **X** |  |  |  |  |  |  |  |  |
| [Q14/12](http://www.itu.int/en/ITU-T/studygroups/2017-2020/12/Pages/q14.aspx) |  | **X** |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q15/12](http://www.itu.int/en/ITU-T/studygroups/2017-2020/12/Pages/q15.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q16/12](http://www.itu.int/en/ITU-T/studygroups/2017-2020/12/Pages/q16.aspx) | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q17/12](http://www.itu.int/en/ITU-T/studygroups/2017-2020/12/Pages/q17.aspx) | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q18/12](http://www.itu.int/en/ITU-T/studygroups/2017-2020/12/Pages/q18.aspx) |  | **X** |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q19/12](http://www.itu.int/en/ITU-T/studygroups/2017-2020/12/Pages/q19.aspx) | **X** | **X** |  |  |  |  |  |  |  |  |  |  |  |  |
| **ITU-T SG13** | [Q1/13](http://www.itu.int/en/ITU-T/studygroups/2017-2020/13/Pages/q1.aspx) | **X** |  |  |  |  |  |  | **X** |  |  |  |  |  |  |
| [Q2/13](http://www.itu.int/en/ITU-T/studygroups/2017-2020/13/Pages/q2.aspx) | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q5/13](http://www.itu.int/en/ITU-T/studygroups/2017-2020/13/Pages/q5.aspx) | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q6/13](https://www.itu.int/en/ITU-T/studygroups/2017-2020/13/Pages/q6.aspx) | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q7/13](https://www.itu.int/en/ITU-T/studygroups/2017-2020/13/Pages/q7.aspx) | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q16/13](http://www.itu.int/en/ITU-T/studygroups/2017-2020/13/Pages/q16.aspx) |  |  |  |  |  |  |  | **X** |  | **X** |  |  |  |  |
| [Q17/13](http://www.itu.int/en/ITU-T/studygroups/2017-2020/13/Pages/q17.aspx) |  |  | **X** |  |  |  |  |  |  |  |  |  |  |  |
| [Q18/13](http://www.itu.int/en/ITU-T/studygroups/2017-2020/13/Pages/q18.aspx) |  |  | **X** |  |  |  |  |  |  |  |  |  |  |  |
| [Q19/13](http://www.itu.int/en/ITU-T/studygroups/2017-2020/13/Pages/q19.aspx) |  |  | **X** |  |  |  |  |  |  |  |  |  |  |  |
| [Q20/13](http://www.itu.int/en/ITU-T/studygroups/2017-2020/13/Pages/q20.aspx) | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q21/13](http://www.itu.int/en/ITU-T/studygroups/2017-2020/13/Pages/q21.aspx) | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q22/13](http://www.itu.int/en/ITU-T/studygroups/2017-2020/13/Pages/q22.aspx) | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q23/13](http://www.itu.int/en/ITU-T/studygroups/2017-2020/13/Pages/q23.aspx) | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **ITU-T SG15** | [Q1/15](http://www.itu.int/en/ITU-T/studygroups/2017-2020/15/Pages/q1.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q2/15](http://www.itu.int/en/ITU-T/studygroups/2017-2020/15/Pages/q2.aspx) | **X** |  |  |  |  |  |  | **X** |  |  |  |  |  |  |
| [Q3/15](http://www.itu.int/en/ITU-T/studygroups/2017-2020/15/Pages/q3.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q4/15](http://www.itu.int/en/ITU-T/studygroups/2017-2020/15/Pages/q4.aspx) | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q5/15](http://www.itu.int/en/ITU-T/studygroups/2017-2020/15/Pages/q5.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q6/15](http://www.itu.int/en/ITU-T/studygroups/2017-2020/15/Pages/q6.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q7/15](http://www.itu.int/en/ITU-T/studygroups/2017-2020/15/Pages/q7.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q8/15](http://www.itu.int/en/ITU-T/studygroups/2017-2020/15/Pages/q8.aspx) | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q9/15](http://www.itu.int/en/ITU-T/studygroups/2017-2020/15/Pages/q9.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q10/15](http://www.itu.int/en/ITU-T/studygroups/2017-2020/15/Pages/q10.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q11/15](http://www.itu.int/en/ITU-T/studygroups/2017-2020/15/Pages/q11.aspx) | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q12/15](http://www.itu.int/en/ITU-T/studygroups/2017-2020/15/Pages/q12.aspx) | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q13/15](http://www.itu.int/en/ITU-T/studygroups/2017-2020/15/Pages/q13.aspx) | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q14/15](http://www.itu.int/en/ITU-T/studygroups/2017-2020/15/Pages/q14.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q15/15](http://www.itu.int/en/ITU-T/studygroups/2017-2020/15/Pages/q15.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q16/15](http://www.itu.int/en/ITU-T/studygroups/2017-2020/15/Pages/q16.aspx) |  |  |  |  |  |  |  | **X** |  |  |  |  |  |  |
| [Q17/15](http://www.itu.int/en/ITU-T/studygroups/2017-2020/15/Pages/q17.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q18/15](http://www.itu.int/en/ITU-T/studygroups/2017-2020/15/Pages/q18.aspx) | **X** |  |  |  |  |  |  | **X** |  |  |  |  |  |  |
| [Q19/15](http://www.itu.int/en/ITU-T/studygroups/2017-2020/15/Pages/q19.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **ITU-T SG16** | [Q1/16](http://itu.int/en/ITU-T/studygroups/2017-2020/16/Pages/q1.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q5/16](http://itu.int/en/ITU-T/studygroups/2017-2020/16/Pages/q5.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q6/16](http://itu.int/en/ITU-T/studygroups/2017-2020/16/Pages/q6.aspx) |  | **X** |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q7/16](http://itu.int/en/ITU-T/studygroups/2017-2020/16/Pages/q7.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q8/16](http://itu.int/en/ITU-T/studygroups/2017-2020/16/Pages/q8.aspx) |  | **X** |  |  |  |  |  |  |  |  |  | **X** |  |  |
| [Q11/16](http://itu.int/en/ITU-T/studygroups/2017-2020/16/Pages/q11.aspx) | **X** | **X** |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q13/16](http://itu.int/en/ITU-T/studygroups/2017-2020/16/Pages/q13.aspx) | **X** | **X** |  |  |  |  |  |  |  |  | **X** |  |  |  |
| [Q14/16](http://itu.int/en/ITU-T/studygroups/2017-2020/16/Pages/q14.aspx) |  |  |  |  |  |  |  | **X** |  |  |  | **X** |  |  |
| [Q21/16](http://itu.int/en/ITU-T/studygroups/2017-2020/16/Pages/q21.aspx) | **X** | **X** | **X** |  | **X** |  |  | **X** |  |  |  |  |  |  |
| [Q22/16](http://itu.int/en/ITU-T/studygroups/2017-2020/16/Pages/q22.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q24/16](http://itu.int/en/ITU-T/studygroups/2017-2020/16/Pages/q24.aspx) |  |  |  |  |  |  | **X** | **X** |  |  |  |  |  |  |
| [Q26/16](http://itu.int/en/ITU-T/studygroups/2017-2020/16/Pages/q26.aspx) |  | **X** |  |  |  |  | **X** |  |  |  | **X** | **X** |  |  |
| [Q27/16](http://itu.int/en/ITU-T/studygroups/2017-2020/16/Pages/q27.aspx) |  |  |  |  |  |  |  | **X** |  |  |  |  |  |  |
| [Q28/16](http://itu.int/en/ITU-T/studygroups/2017-2020/16/Pages/q28.aspx) |  |  |  |  |  |  |  |  | **X** |  | **X** |  |  |  |
| **ITU-T SG17** | [Q1/17](http://www.itu.int/en/ITU-T/studygroups/2017-2020/17/Pages/q1.aspx) |  |  |  |  |  |  |  |  |  | **X** |  |  |  |  |
| [Q2/17](http://www.itu.int/en/ITU-T/studygroups/2017-2020/17/Pages/q2.aspx) | **X** |  |  |  |  |  |  |  |  | **X** |  |  |  |  |
| [Q3/17](http://www.itu.int/en/ITU-T/studygroups/2017-2020/17/Pages/q3.aspx) |  |  |  |  |  |  |  |  |  | **X** |  |  |  |  |
| [Q4/17](http://www.itu.int/en/ITU-T/studygroups/2017-2020/17/Pages/q4.aspx) |  |  |  |  |  | **X** |  | **X** |  | **X** |  |  |  |  |
| [Q5/17](http://www.itu.int/en/ITU-T/studygroups/2017-2020/17/Pages/q5.aspx) |  |  |  |  |  |  |  |  |  | **X** |  |  |  |  |
| [Q6/17](http://www.itu.int/en/ITU-T/studygroups/2017-2020/17/Pages/q6.aspx) | **X** | **X** |  |  |  |  |  | **X** |  | **X** |  |  |  |  |
| [Q7/17](http://www.itu.int/en/ITU-T/studygroups/2017-2020/17/Pages/q7.aspx) |  |  | **X** |  |  |  |  |  |  | **X** |  |  |  |  |
| [Q8/17](http://www.itu.int/en/ITU-T/studygroups/2017-2020/17/Pages/q8.aspx) |  |  | **X** |  |  |  |  |  |  | **X** |  |  |  |  |
| [Q9/17](http://www.itu.int/en/ITU-T/studygroups/2017-2020/17/Pages/q9.aspx) |  |  |  |  |  |  |  |  |  | **X** |  |  |  |  |
| [Q10/17](http://itu.int/en/ITU-T/studygroups/2017-2020/17/Pages/q10.aspx) |  |  |  |  |  |  |  |  |  | **X** |  |  |  |  |
| [Q11/17](http://itu.int/en/ITU-T/studygroups/2017-2020/17/Pages/q11.aspx) |  |  |  |  |  |  |  |  |  | **X** |  |  |  |  |
| [Q12/17](http://itu.int/en/ITU-T/studygroups/2017-2020/17/Pages/q12.aspx) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [Q13/17](http://itu.int/en/ITU-T/studygroups/2017-2020/17/Pages/q13.aspx) |  |  | **X** |  |  |  |  | **X** |  | **X** |  |  |  |  |
| [Q14/17](http://itu.int/en/ITU-T/studygroups/2017-2020/17/Pages/q14.aspx) |  |  | **X** |  |  |  |  |  |  | **X** |  |  |  |  |
| **ITU-T SG20** | [Q1/20](http://www.itu.int/en/ITU-T/studygroups/2017-2020/20/Pages/q1.aspx) |  |  |  |  |  |  |  | **X** |  |  |  |  |  |  |
| [Q2/20](http://www.itu.int/en/ITU-T/studygroups/2017-2020/20/Pages/q2.aspx) | **X** |  |  |  | **X** |  |  | **X** |  |  |  |  | **X** |  |
| [Q3/20](http://www.itu.int/en/ITU-T/studygroups/2017-2020/20/Pages/q3.aspx) | **X** |  |  |  |  |  |  | **X** |  | **X** |  | **X** |  |  |
| [Q4/20](http://www.itu.int/en/ITU-T/studygroups/2017-2020/20/Pages/q4.aspx) |  |  |  |  | **X** |  |  | **X** |  |  |  | **X** | **X** |  |
| [Q5/20](http://www.itu.int/en/ITU-T/studygroups/2017-2020/20/Pages/q5.aspx) |  |  |  |  |  |  |  | **X** |  |  |  |  |  |  |
| [Q6/20](http://www.itu.int/en/ITU-T/studygroups/2017-2020/20/Pages/q6.aspx) |  |  |  |  |  |  |  | **X** |  | **X** | **X** |  |  |  |
| [Q7/20](http://www.itu.int/en/ITU-T/studygroups/2017-2020/20/Pages/q7.aspx) |  |  |  |  |  | **X** |  | **X** | **X** |  |  |  |  |  |

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