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|  | INTERNATIONAL TELECOMMUNICATION UNION  **TELECOMMUNICATION STANDARDIZATION SECTOR**  STUDY PERIOD 2025-2028 | | | | TSAG-TD100R1 | |
| TSAG | |
| Original: English | |
|  | |  | | | Geneva, 26-30 May 2025 | |
| **TD** | | | | | | |
| **Source:** | | Chair, WP2/TSAG | | | | |
| **Title:** | | Report of the meeting of WP2/TSAG “Work Programme, restructuring and thematic Resolutions” (Geneva, 26-30 May 2025) | | | | |
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| **Abstract:** | This TD represents the report of the WP2/TSAG meeting held in Geneva on 26-30 May 2025. |

**Action**: Review, approval, follow up on requests for action in clause 0.

**0 Actions for TSAG**

Actions related to RG-WPR

1. **WP2-4:** Review the modifications and approve the **ToR for the RG-WPR** as found in [TD7R2](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0007/en)
2. **RG-WPR-1, 2, 3, 4:** Adopt revised **Questions** Q3/17 *“Telecommunication information security management and security services”* ([TD89](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0089)), Q10/17 *“Management of digital identity”* ([TD90](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0090)), Q6/21 *“Visual, audio and signal coding”* ([TD58](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0058)), and new Question Q10/20 *“Internet of Things (IoT) solutions for effective energy management in smart sustainable cities and communities (SSC&C)”* ([TD48](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0048/en))
3. **RG-WPR-5**: Approve Liaison Statement on Q9/21 (metaverse), [TD142](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0142/en)
4. **WP2-8:** Approve the Liaison Statement on the Terms of reference ITU-T SGs at the New work item opening  – [TD150](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0150/en)R1
5. **RG-WPR-6**: Approve Liaison Statement on Collaboration and Coordination on Smart and Sustainable Communities, [TD138R2](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0138)
6. **RG-WPR-7**: Approve the **ToR** for coordination between SGs 17 and 20 on WTSA-24 Action 7 (IoT Security) – [TD144](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0144/en)
7. **RG-WPR-8:** Approve the **ToR** for coordination between SGs 13, 17 and 20 on WTSA-24 Action 8 (Trust) – [TD145](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0145/en)
8. **WP2-9**: Approve Liaison Statement on the establishment of the Joint Correspondence Group on IoT Security (Joint-CG-IoTSec) – [TD151R1](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0151/en)
9. **WP2-10**: Approve Liaison Statement on the establishment of the Joint Correspondence Group on Trust (Joint-CG-Trust)– TD152
10. **RG-WPR-9:** Advise the Director of TSB to include in his report to Council the request to allocate budget to convene workshops in line with WTSA-24 Action 4, and to report back to TSAG
11. **RG-WPR-10:** Allocate ITU-T F.742.3 under ITU-T Study Group 20 and amend Resolution 2 Annex C accordingly

Actions related to RG-DT

1. **WP2-5:** Review the modifications and approve the **ToR for the RG-DT** as appears in [TD7R2](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0007/en)
2. **RG-DT-1:** Approve Liaison Statement on activities and studies on sustainable digital transformation, [TD147](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0147/en)R1
3. **RG-DT-2:** Approve Liaison Statement on work on Digital Transformation, [TD148](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0148/en)
4. **WP2-6:** Agree the interim e-meetings for RG-DT (clause 10)

Actions related to WP2

1. **WP2-1**: Approve the ToR of the TSAG WP2 as found in [TD7R2](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0007/en)
2. **WP2-2:** Approve creation of the new JCA-MV with the Terms of Reference as shown in [TD51](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0051) and reporting to TSAG.
3. **WP2-3**: WP2 collected the names of Mr Muath Al Rumayh (Kingdom of Saudi Arabia) and Mr Shin-Gak Kang (ETRI, Republic of Korea) as the co-chairs for this group. TSAG is asked for appointing the new group leadership
4. **WP2-7**: Approve Liaison Statement on lead SG role, [TD139](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0139)R1.
5. **WP2-11:** Note the status of implementation of WTSA decisions, Annex 1
6. **WP2-12:** Approve the WP2/TSAG meeting report – [TD100](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0100)R1 (this document)
7. **General**

The first meeting of the TSAG Working Party 2 (**WP2**) took place in Geneva on 26-30 May 2025. The meeting was chaired by the WP2 chair, Ms Gaëlle Martin-Cocher (InterDigital, Canada) with the support of Mr Guy-Michel Kouakou (Côte d'Ivoire), WP2/TSAG Vice-chair.

The chair opened the meeting and welcomed the participants. A welcome address was also extended by the WP2/TSAG vice-chair.

In elaborating chair’s objectives and expectations for this meeting the WP2 chair mentioned three important topics for Working Party 2 coming from its mandate, in addition to the work program, for which inputs are encouraged. Those are

* to progress issue related to the study group structure, which include structuring and defining the new structure for study group
* reviewing lead study group aspects
* consideration for joint working parties, which may or may not lead to restructuring efforts.

Agenda for the opening meeting was reproduced in [TD98](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0098). It was approved by the meeting. Complete list of documents WP2 considered in this meeting may be found in Annex 1 of this report.

Agenda for the closing plenary may be found in [TD99](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0099)R1. It was approved as is.

1. **Review of WP2 mandate**

The structure of the WP2, as agreed by TSAG, is reproduced in Annex 2 of [TD007](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0009).

The meeting briefly assessed WP2 terms of reference and found those appropriate for performing the assigned tasks. The Terms of Reference of WP2, thus, were approved as presented. The RG-WPR and RG-DT were entrusted to look at their respective ToRs and bring those for WP2 closing plenary approval.

Action for TSAG:

**WP2-1**: Approve WP2 Terms of Reference as appears in [TD007](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0009).

1. **Review of the WTSA Action plan**

The chair briefed the meeting on the availability of the WTSA-24 Action plan in TD10R1. She further stated her intention to review the progress on the actions within the WP2 area of responsibility at each future WP2 meeting. To this end, an excerpt of the actions for WP2 follow up were grouped as shown in Annex 3 of TD98 and Status and Comment for each action is updated as reflected in Annex 2 of [TD99](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0099) (WP2 closing plenary agenda) also reproduced in Annex 1a of this document. Status and Comments for each action will be updated at each TSAG meeting.

The chair emphasized in particular the obligation for TSAG to report to the SGs on the advances in its restructuring exercise.

1. **Review of the WP2/TSAG interim activities (January – March 2025) and plans for this meeting**
   1. **RG-DT** *“Rapporteur Group on Sustainable Digital Transformation”* reported its progress to date in two virtual interim meetings through

- progress report [TD112](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0112/en), that was introduced by Mr Ahmed Said (Egypt), the Rapporteur for RG-DT.

WP2 took note of the interim RG-DT meetings and its progress report as well as of accomplishing the gap analysis exercise.

With regards to the proposed up-dates to the Terms of Reference of the RG-DT, as instructed by the TSAG opening plenary, the RG-DT was charged to review those in its session and bring back to the WP2 for approval.

1. **Documentation for the meeting**

**5.1 Metaverse**

**5.1.1 Creation of the new JCA on metaverse**

The proposal for the establishment of the new JCA-MV, brought to the meeting by the study groups 20 and 21 in [TD51](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0051) was introduced by Mr Shin-Gak Kang (ETRI).

Responding to the questions for clarification, the meeting concluded that

* JCA is open to any SG, involved into the metaverse standardization
* Proposed ToR are stable to be approved
* Mr Muath Al Rumayh (Kingdom of Saudi Arabia) and Mr Shin-Gak Kang (ETRI, Republic of Korea) are the candidate to co-chair the new JCA
* New JCA operation will be reviewed at the next TSAG meeting as part of the overall JCAs monitoring exercise agreed at the TSAG opening plenary.

WP2 approved the creation of the Joint Coordination Activity on Metaverse with the Terms of Reference as found in [TD51](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0051) and co-chairs Mr Muath Al Rumayh (Kingdom of Saudi Arabia) and Mr Shin-Gak Kang (ETRI, Republic of Korea).

New JCA will report to TSAG.

[C8](https://www.itu.int/md/T25-TSAG-C-0008/en) from Republic of Korea, supporting the creation of the JCA-MV was agreed by the contributor to be omitted since the meeting has already reached the goal of this contribution.

The WP2 chair briefly walked participation through TD121 on and invite the take the elaborated information into account.

Actions for TSAG:

* **WP2-2:** Approve creation of the new JCA-MV with the Terms of Reference as shown in [TD51](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0051) and reporting to TSAG.
* **WP2-3**: WP2 collected the names of Mr Muath Al Rumayh (Kingdom of Saudi Arabia) and Mr Shin-Gak Kang (ETRI, Republic of Korea) as the co-chairs for this group. TSAG is asked for appointing the new group leadership.

**5.1.2 Starting the work based on the FG-MV Deliverables**

Study groups 20 and 21 reported via [TD53](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0053) and [TD64](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0064) that they have started the new work items fully or partially based on the FG-MV Deliverables. The meeting noted with satisfaction this information.

[TD72](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0072), from SG11, presented by SG11 chair, requested guidance on its new work item on protocols related to the metaverse (Q.PMV, Protocol map for metaverse). The WP2 chair, supported by the meeting, gave the guidance in response, that SG11 may start the new work that is in its technical area. JCA-MV and SG21 should be informed as needed.

SG13, in [TD74](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0074), informed that it hadn’t started any work from the FG-MV deliverables and will keep TSAG posted if the situation changes in the future.

**5.1.3 Definition of Metaverse**

[TD93](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0093) brings to the attention of TSAG the proposed changes to the definition of the metaverse that SG17 has introduced on top of the definition for the metaverse as elaborated by the FG-MV. The former FG-MV chair, pointed out that the original definition was carefully crafted by the FG participants and has a principal point in it, namely, that the metaverse may create a new value.

After short discussion the meeting agreed that the issue of definition may be treated by the newly created JCA on metaverse.

**5.1.4** **Metaverse application enablement**

[TD42](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0042) from 3GPP points out to its work on metaverse application enablement. The JCA metaverse is invited to consider the information for its roadmap and collaboration deliverable. The meeting noted the document and provided information.

**5.1.5 FG on Embodied intelligence in Telecommunications/ICTs for supporting the UN SDG**

A proposal for the new Focus group *on Embodied intelligence in Telecommunications/ICTs for supporting the UN SDG,* [C2](https://www.itu.int/md/T25-TSAG-C-0002/en), from CAICT, China Mobile and China Telecom, was presented by Mr Tongning Wu from CAICT. In addition, China Mobile pointed out that FG speaks about the brand-new topic, recently introduced in one of the 3GPP committees as well.

Other Members were not convinced in the need for the FG set up at this point in time. Among the concerns expressed were:

* There is no clear definition of what Embodied Intelligence is;
* A new FG may delay or stop the currently ongoing work in this area in the SGs;
* Terms of Reference are not focused on solving a particular technical problem and are missing the anticipated deliverables;
* A technical report on the subject, developed by SGs 20 and 21 may be an alternative.
* Overall optimisation of budgetary resources for this study period and financial implications of a new group set up

China Telecom gave further explanation of the Embodied Intelligence proposed for study in the FG. However, the meeting was not able to resolve all the concerns.

After some debates and having lack of support for the FG initiation, the meeting agreed to invite the proponents of the proposal to contribute directly in the relevant SGs (e.g. 13, 20 and 21) Focus Groups (e.g. FG-AINN) and JCAs (e.g. JCA-MV, JCA-IoT and SC&C, JCA-AI/ML). If the proponents intend to resubmit an updated proposal at the next TSAG meeting, the terms of reference and expected deliverables should reflect all the points of this day discussion into consideration.

**6 Review of the results of the Rapporteur Groups (26-30 May 2025, Geneva)**

The agreed allocation of the documents to the Rapporteur Groups may be found in Annex 2 of this report for RG-WPR and RG-DT.

**6.1 TSAG RG-WPR** “Rapporteur Group on Work Programme and Restructuring, SG work, SG Coordination”

The Report of the work accomplished by the RG-WPR ([TD106](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0106/en)-R1) was presented by the Rapporteur, Ms Miho Naganuma, NEC Corporation. Report of this RG was revised and approved as [[TD106](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0106/en)R2](https://www.itu.int/md/T22-TSAG-240729-TD-GEN-0523/en).

The key outcomes of the RG-WPR meeting, as highlighted by the Rapporteur:

* Up-dated ToR for RG-WPR – section D.5 of TD7
* Guidance on initiating work items and the mandate of the SGs
* Revised and new Questions adoption
* Status of collaboration on Smart and Sustainable Communities with ISO and IEC
* WTSA-24 Actions 7, 8 and 9 implementations
* AI work organization
* Outgoing liaisons statements

Regarding the report of RG-WRP and in particular the issue with lead study group reports presentation, the US made intervention from remote, pointing out that this has become a common occurrence in TSAG at the past several study periods, that there is no time to review the lead study group reports, that can serve an effective tool for all members to have increased visibility into the work of the study groups.

A note was taken that the handling of the lead SG reports should be improved in the future.

Organization of the work in AI in ITU-T invoked interest and the discussion was referred to the end of the meeting. The Terms of Reference of the RG-WRP were presented as shown in the [TD7R1](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0007/en). The difference against the original document, TD7, was in inclusion of the item on streamlining Resolutions that raised questions and discussions. The meeting could not reach consensus for inclusion of this new element. Therefore the ToR for RG-WRP and ToR for RG-DT (having the same paragraph) were deferred to the TSAG closing plenary review and decision.

The revision to the liaison statement in TD 150 “on the Terms of reference ITU-T SGs at the New work item opening” came after the RG-WPR meeting was over and was considered by the WP2. For the same reasons WP2 chair walked the participants though the draft outgoing liaison statements from RG-WPR in TDs 151R1 and 152.

WP2 reviewed, gave favourable reply to all the requested actions from the RG-WPR and concluded with the following steps to ask TSAG closing plenary:

Actions for TSAG:

* **WP2-4**: Review the inclusion of the item about streamlining the Resolutions, assess the ToR in their entirety and approve the ToR for the RG-WPR as found in [TD7R1](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0007/en)
* **RG-WPR-1, 2, 3, 4**: Adopt revised Questions Q3/17 “Telecommunication information security management and security services” (TD89), Q10/17 “Management of digital identity” (TD90), Q6/21 “Visual, audio and signal coding” (TD58), and new Question Q10/20 “Internet of Things (IoT) solutions for effective energy management in smart sustainable cities and communities (SSC&C)” (TD48)
* **RG-WPR-5**: Approve Liaison Statement on Q9/21 (metaverse), [TD142](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0142/en)
* **RG-WPR-6**: Approve Liaison Statement on Collaboration and Coordination on Smart and Sustainable Communities, [TD138R2](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0138/en)
* **RG-WPR-7**: Approve the ToR for coordination between SGs 17 and 20 on WTSA-24 Action 7 (IoT Security) – [TD144](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0144/en)
* **RG-WPR-8**: Approve the ToR for coordination between SGs 13, 17 and 20 on WTSA-24 Action 8 (Trust) – [TD145](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0145/en)
* **RG-WPR-9**: Advise the Director of TSB to include in his report to Council the request to allocate budget to convene workshops in line with WTSA-24 Action 4, and to report back to TSAG
* **RG-WPR-10**: Allocate ITU-T F.742.3 under ITU-T Study Group 20 and amend Resolution 2 Annex C accordingly

Islamic Republic of Iran made the intervention on three points and asked for that to be included into the meeting report for follow up.

There are too many issues and no real time to go in depth into the issues. Any limitation on the duration of intervention and the number of interventions needs to be approved by Plenary. If it is not approved by Plenary, it is not valid. The two minutes cannot be applied generally for everything as there are some things that need to be discussed properly.

What do we mean under the Smart and Sustainable Communities? Do we have communities which are not smart? Do we have communities which are not considered sustainable? Do we need to have discrimination within various communities? And who decides that a community is smart and another is not smart?

It is very difficult to have double numbering. We have one numbering, one study group, and then a footnote saying that this applies to other study groups as well, but we do not want the perforation of the double numbering.

Canada solicited some insights from TSB if dual Recommendations numbering process is commonly used still today. Providing the historical context to this may contribute to full understanding of how many dual-number Recommendations exist today, if this is an approach still followed. This kind of information will help to address the similar issues in the future.

The meeting noted that the dual numbering of Recommendations should be discouraged.

**6.2** **TSAG RG-DT** “Rapporteur Group on Sustainable Digital Transformation”

The Report of the work accomplished by the TSAG-RG-DT ([TD108](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0108/en)R1) was presented by the Rapporteur, Mr Ahmed Said, Egypt. Report of this RG was approved as is.

Key meeting outcomes as presented by the TSAG-RG-DT Rapporteur:

* Up-dated ToR for RG-DT – Clause 7 of [TD108](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0108/en)R1 and D.6 of [TD7R1](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0007/en)
* Outgoing LS to TDAG on work on Digital Transformation - [TD148](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0148/en)
* Outgoing LS to all SGs on activities and studies on sustainable digital transformation- [TD147](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0147/en)
* Future meetings – Clause 9 of [TD108](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0108/en)

WP2 reviewed, gave favourable reply to all the requested actions from the RG-DT and concluded with the following steps to ask TSAG closing plenary:

Actions for TSAG:

* **WP2-5:** Review the inclusion of the item about streamlining the Resolutions, assess the ToR in their entirety and approve the RG-DT ToR in [TD7R1](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0007/en)
* **RG-DT-1**: Approve Liaison Statement on activities and studies on sustainable digital transformation, [TD147](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0147/en)-R1
* **RG-DT-2:** Approve Liaison Statement on work on Digital Transformation, [TD148](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0148/en)
* **WP2-6:** Agree the interim e-meetings plan for RG-DT (clause 10)

1. **Outgoing Liaison Statements from WP2**

In line with the mandate of the group and one of its objective, emphasized by the meeting chair in her opening remarks, the liaison statement to all ITU-T study groups with the call to provide feedback on their lead SG experience, has been elaborated in [TD139](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0139/en). The chair walked the participants though it. Communication was revised and approved as found in TD139-R1.

In addition, WP2 also took a close look at the communication coming from the RG-WRP that was not reviewed at the RG-WPR meeting.

Actions for TSAG:

**WP2-7:** Approve the liaison statement to all SGs with invitation to provide feedback of their experience with the Lead SG concept – [TD139](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-01394)R1

**WP2-8**: Approve the Liaison Statement on the Terms of reference ITU-T SGs at the New work item opening – [TD150](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0150/en)R1

**WP2-9**: Approve Liaison Statement on the establishment of the Joint Correspondence Group on IoT Security (Joint-CG-IoTSec) – [TD151](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0151/en)R1

**WP2-10**: Approve Liaison Statement on the establishment of the Joint Correspondence Group on Trust (Joint-CG-Trust) – TD152

1. **WP2 Terms of Reference**

As stated in clause 2 of this report the WP2 assessed and approved its Terms of Reference for this study period at its opening plenary on 26 May 2025. However, since then the TSAG management team has published TD7R1 with some updates. As far as ToR of WP2 are concerned, a precision was made which Resolutions the WP2 has to review for implementation. Those were pointed out by the meeting chair. The meeting approved the ToR for the WP2 again.

Action for TSAG:

**WP2-1**: Approve WP2 Terms of Reference as appears in [TD7R1](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0007/en).

1. **Status of the WTSA Action plan**

The status of the WTSA-24 Action plan items under the WP2 responsibility was briefly introduces by the chair based on the Annex 2 to the [TD99R1](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0099). WTSA Action plan for WP2 is also reproduced in Annex 1 of this report. The meeting took note of the list.

Action for TSAG:

**WP2-11:** Note the status of implementation of WTSA decisions, Annex 1

**10 Future Plans**

The WP2 RGs requested the following interim virtual activities to pursue its work:

**RG-WPR** “Rapporteur Group "Work Programme and Restructuring, SG work, SG Coordination (RG-WPR)"

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Date** | **Time   (Geneva time)** | **Objectives/Contributions invited on:** | **Contribution Deadline** |
| 1 | None |  |  |  |

**RG-DT** “Rapporteur Group on Sustainable Digital Transformation”

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Date** | **Time   (Geneva time)** | **Objectives** | **Contribution Deadline** |
| 1 | 10 September 2025 | 13:00 – 15:00 CEST | to progress the work based on its ToR | 3 September 2025 |
| 2 | 12 November 2025 | 13:00 – 15:00 CET | to progress the work based on its ToR | 5 November |
| 3 | 11 March 2026 | 13:00 – 15:00 CET | to progress the work based on its ToR | 4 March 2026 |
| 4 | 13 May 2026 | 13:00 – 15:00 CEST | to progress the work based on its ToR | 7 May |
| 5 | 8 July 2026 | 13:00 – 15:00 CEST | to progress the work based on its ToR | 1 July |
| 6 | 9 September 2026 | 13:00 – 15:00 CEST | to progress the work based on its ToR | 2 September 2026 |

This schedule along with the target objectives was agreed by the meeting.

The membership is invited to contribute and take good note of these dates to progress the work efficiently.

1. **Any other business**

The meeting came back to the issue of the AI work organization at ITU-T. To this end, given the limited time of the meeting, it authorised an informal consultation group to be run under the chairship of Ms Gaelle Martin-Cocher, WP2 chair.

*Subsequent note:*

The informal consultation took place immediately after the WP2 meeting was closed. It was devoted to the AI related work and its organization.

The results of the offline consultations on the coordination of AI related works across ITU-T (AI for Good,  [ITU-T landscape for AI standards webpage](https://www.itu.int/itu-t/landscape/?topic=tx518&group=g&search_text=), existing Work Items and Questions under the SGs, FGs and JCA-AI/ML), and consideration for future related work are as follows. Participants express a need for discussions and coordination in advance of the next TSAG meeting. A way forward is proposed as follow:

* Members are invited to participate in the JCA-AI/ML meeting on July 18. This meeting may consider whether or not the JCA should remain under the SG13 or should report to TSAG.
* TSB director is kindly requested to invite SG chairs and TSAG chairs and vice chairs for a discussion after the JCA-AI/ML meeting to also discuss any action items from the AI For Good standardization summit.
* Contributions on mechanism for emerging technologies (which includes AI) can be provided at one of the RG-IES ad-hoc calls as needed.

**12 Closure**

The WP2 chair extended her appreciation to the members of the WP2/TSAG management team and all the delegates for the active participation and contributions to the success of the meeting. She also thanked all the contributors of the written documents for the engagement and active involvement through the whole length of this meeting.

Annex 1 - WTSA Actions

| **WTSA-24 action number** | **Action** |
| --- | --- |
| **2** | WTSA-24 instructs TSAG **to study the concept** and effectiveness of **Lead Study Groups** used in e.g., to clarify criteria for determination of lead roles, harmonize the description of lead SGs and improve the collaboration amongst ITU-T SGs, taking into consideration inter alia WTSA Resolution 99 (rev. New Delhi, 2024), and report the conclusions to the next WTSA. The ITU-T SGs should be involved in this process to already take this review process into consideration during the preparations for the next study period. |
|  | Status and Comments:  TSAG 05-2025: Started, LS in TD142. |
| **7** | WTSA-24 instructs Study Groups 17 and 20 to establish a joint coordination or agreement mechanism between the study groups to determine a demarcation line on the topic of IoT security, and report to TSAG. |
|  | Status and Comments:  TSAG 05-2025: Started, CG on IoT security. |
| **8** | WTSA-24 instructs ITU-T study groups, inter alia Study Groups 13, 17 and 20, to establish a coordination mechanism amongst the study groups in order to deliberate on the topic of "trust" (including trusted information) and "trustworthiness", and report to TSAG. |
|  | Status and Comments:  TSAG 05-2025: Started, CG-trust. |
| **9** | WTSA-24 instructs ITU-T Study Groups 2 and 20 to establish a joint coordination or agreement mechanism between the study groups to determine a demarcation line for IoT identification and NNAI aspects, and report to TSAG. |
|  | Status and Comments:  TSAG 05-2025: Started, collaboration the chairs |
| **10** | With reference to the APT contribution, [APT 37A40/1](https://www.itu.int/dms_pub/itu-t/md/22/wtsa.24/c/T22-WTSA.24-C-0037!A40!MSW-E.docx), that acknowledges the importance of ongoing work and standardization efforts for digital identities and credentials occurring in a number of SDOs and standards bodies, including ITU-T, WTSA-24 instructs Study Group 17, as part of its Resolution 2 mandate as the Lead Study Group for Identity Management (IdM), to continue to develop the necessary Recommendations, Supplements, and Technical Reports for identity management and verifiable credentials. WTSA-24 also encourages Study Group 17 to further study new areas of identity management and verifiable credential standardization topics and to coordinate and promote standardization activities. This action may help to ensure synergies, enhance coordination, and minimize duplicative efforts between ITU-T and other SDOs. |
|  | Status and Comments:  TSAG 05-2025: Not started. |
| **13** | Recognizing the importance of promoting the migration to, and utilization of Post-Quantum Cryptography (PQC) within telecommunication/ICT networks, presented in [APT/37A42/1](https://www.itu.int/dms_pub/itu-t/md/22/wtsa.24/c/T22-WTSA.24-C-0037!A42!MSW-E.docx), WTSA-24 instructs ITU-T SG17 to continue to develop the necessary Recommendations, Technical Reports and other ITU-T publications (including guidelines and best practices) to promote the migration to, and utilization of PQC within the remit of the Resolution 2 mandate as the lead study group on Security; and invites Membership to actively contribute to this work. |
|  | Status and Comments:  TSAG 05-2025: Not Started. |
| **14** | Recognizing the contribution that NGSO satellite systems can make to global connectivity, especially for regions lacking traditional internet infrastructure, raised in, [ATU/35A34/1](https://www.itu.int/dms_pub/itu-t/md/22/wtsa.24/c/T22-WTSA.24-C-0035!A34!MSW-E.docx), WTSA-24 invites TSAG to examine areas of overlap between work of the ITU-T and the work of other ITU sectors and international bodies over the next study period and provide guidance as to how ITU-T should address telecommunications standardization matters related to NGSO satellite systems within the mandates of its study groups outlined in WTSA Resolution 2 (Rev. New Delhi, 2024) and consistent with WTSA Resolution 18 (Rev. New Delhi, 2024) on allocation of work among the sectors. |
|  | Status and Comments:  TSAG 05-2025: Started, TSAG advised SGs to work within the remit of their scope and take into consideration inputs from RAG, including but not limited to vocabulary and continue liaising and collaborating with the other sectors. |

**Annex 1a - Actions for WP2 from the WTSA Action plan**

(extract from [TD10R1](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0010/en) with status/comment line added)

|  |  |  |
| --- | --- | --- |
| **WTSA action number** | **Resolution** | **Description of action** |
| **WPR** |  |  |
| **73-06** | Resolution 73 *Information and communication technologies, environment, climate change and circular economy* | TSAG to coordinate the activities of ITU-T study groups in relation to their review of relevant standardization activities of other standards development organizations (SDOs) and facilitate collaboration between ITU and those SDOs in order to avoid duplication of, or overlap in, international standards (instructs TSAG 1) |
| Status and Comments:  TSAG 05-2025:Not started | | |
| **73-07** | Resolution 73 *Information and communication technologies, environment, climate change and circular economy* | TSAG to consider revision of working methods to reduce climate change impact (instructs TSAG 3) |
| Status and Comments:  TSAG 05-2025: Under the remit of RG-WM. | | |
| **73-17** | Resolution 73 *Information and communication technologies, environment, climate change and circular economy* | TSAG to ensure that study groups carry out a review of both the appropriate existing ITU-T Recommendations and all future Recommendations in order to assess their implications and the application of best practices in the light of protection of the environment, climate change and circular economy (instructs TSAG 2) |
| Status and Comments:  TSAG 05-2025: No Started. | | |
| **77-12** | Resolution 77 *Enhancing the standardization work in the ITU Telecommunication Standardization Sector for software-defined networking* | TSAG to continue coordination and collaboration on ITU-T SDN standardization (instructs TSAG) |
| Status and Comments:  TSAG 05-2025: Not started | | |
| **92-01** | Resolution 92 *Enhancing the standardization activities in the ITU Telecommunication Standardization Sector related to non-radio aspects of international  mobile telecommunications* | TSAG to facilitate coordination of the standardization activities related to the non-radio side of IMT systems  among all relevant study groups, focus groups, joint coordination activities, etc.;  to strengthen and accelerate activities related to the development and deployment of IMT systems based on standards for open and interoperable network technologies and solutions, such as non-radio aspects of IMT systems for access networks, particularly recognizing challenges in developing countries;  and to encourage, in cooperation with Study Group 13 and other relevant study groups, collaboration with other standards development organizations (SDOs) on a wide range of issues associated with the non-radio aspects of IMT;  to ensure collaboration among relevant ITU-T study groups and with relevant SDOs and forums and consortia for open and interoperable network technologies and solutions, including non-radio aspects of IMT systems for access networks (resolves TSAG 1, 2, 3, 4) |
| Status and Comments:  TSAG 05-2025: Started, JCA-IMT2020 continuation | | |
| **94-03** | Resolution 94 *Standardization work in the ITU Telecommunication Standardization Sector for cloud-based event data technology* | TSAG to drive a concerted effort across relevant study groups to accelerate standardization work on cloud-based event data technology (instructs TSAG) |
| **S**tatus and Comments: Not started. | | |
| **99-01** | Resolution 99 *Consideration of organizational reform of the ITU Telecommunication Standardization Sector study groups* | TSAG to continue analysing ITU-T study group restructuring, using an evidence-based approach, based upon contributions to TSAG from Member States and ITU-T Sector Members; and to undertake, monitor and guide the work through a rapporteur group or other appropriate group, and make a progress report on the implementation of an action plan for the analysis of ITU-T study group restructuring at each TSAG meeting (resolves, instructs TSAG 1, 2) |
| Status and Comments: Started, liaison sent to SGs on lead study group concept. Discussion on joint working parties. | | |
| **99-02** | Resolution 99 *Consideration of organizational reform of the ITU Telecommunication Standardization Sector study groups* | TSAG to provide a progress report on the analysis to the study groups after each TSAG meeting (instructs TSAG 2) |
| Status and Comments: Not Started. | | |
| **103-07** | Resolution 103 *Enhancing standardization activities on digital public infrastructure* | TSAG to coordinate standards-development activities across the relevant ITU-T study groups on the telecommunication/ICT aspects of digital public infrastructure, in the light of the results of the gap analysis conducted in accordance with the instructs TSBDir 1 of this resolution (instructs TSAG) |
| Status and Comments: Not Started. | | |
| **105-07** | Resolution 105 *Promoting and strengthening metaverse standardization* | TSAG to establish a joint coordination activity on metaverse (JCA-MV) to coordinate standardization activities on metaverse and to maintain a standardization roadmap for the purpose of having coordination across relevant ITU-T study groups and with related SDOs and relevant parties outside ITU-T; (resolves 7) |
| Status and Comments: Started JCA-MV has been established | | |
| **DT** |  |  |
| **69-03** | Resolution 69 *Non-discriminatory access and use of Internet resources and telecommunications/information and communication technologies* | TSBDir to submit progress report to TSAG, for TSAG to evaluate the effectiveness of its implementation. (instructs TSBDir 3) |
| Status and Comments: Not started | | |
| **106-07** | Resolution 106 *Enhancing standardization activities on sustainable digital transformation* | TSAG to promote and enhance telecommunication/ICT standardization activities that support and facilitate sustainable digital transformation, including continuation of RG-DT (instruct TSAG) |
| Status and Comments: Started. RG-DT continues operation in the study period 2025-2028. | | |

**Annex 2 – List of documents allocated to and considered by**

**WP2 on Work Programme, restructuring and thematic Resolutions (WP2)**

Note: the list below doesn’t include the documents produced during the meeting.

# Contributions

| **Contribution #, Source**  **Title** | **WP2** | **RG-WPR** | **RG-DT** |
| --- | --- | --- | --- |
| [C1](https://www.itu.int/md/T25-TSAG-C-0001/en): Nigeria  Budgetary Allocation for Workshops on OTT |  | 1 |  |
| [C2](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-C-0002): China Academy of Information and Communications Technology, China Mobile Communications Co. Ltd., China Telecommunications Corporation  Proposal to set up an ITU-T Focus Group on Embodied intelligence in Telecommunications/ICTs for supporting the United Nations Sustainable Development Goals | 1 |  |  |
| [C8](https://www.itu.int/md/T25-TSAG-C-0008/en): [Korea (Rep. of)](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-C&source=Korea%20%28Rep.%20of%29)  Request to establish JCA-MV on metaverse standardization under TSAG according to WTSA Resolution 105 | 1 |  |  |
| [C11](https://www.itu.int/md/T25-TSAG-C-0011/en): China Telecommunications Corporation , Ministry of Industry and Information Technology (MIIT) (China) , ZTE Corporation (China)  Coordinated implementation of WTSA Resolution 101 on AI technologies in sup-port of telecommunications/ICTs |  | 1 |  |
|  |  |  |  |
| [C16](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-C-0016): Russian Federation  Maintaining the ITU-T mandate while establishing new work items |  | 1 |  |
| [C18](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-C-0018): China Unicom  Proposal for establishing joint working party on cloud computing and AI/ML coordination |  | 1 |  |
| [C20](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-C-0020): Ministere des Postes et Telecommunications (Cameroon), Sonatel (Senegal)  Support of new work item to develop draft new Recommendation on economic and policy aspects of the provision of high-speed Internet connectivity by retail satellite operators |  | 1 |  |
| Number of contributions: 7 | 2 | 5 | 0 |

# TDs

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **TD#** | **Source** | **Title** | **WP2** | **RG-WPR** | **RG-DT** |
| [TD20](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0020) | Chair, ITU-T Study Group 2 | ITU-T SG2 Lead Study Group Report |  | 1 |  |
| [TD21](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0021) | Chair, ITU-T Study Group 3 | ITU-T SG3 Lead Study Group Report |  | 1 |  |
| [TD23](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0023) | Chair, ITU-T Study Group 11 | ITU-T SG11 Lead Study Group Report |  | 1 |  |
| [TD24](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0024) | Chair, ITU-T Study Group 12 | ITU-T SG12 Lead Study Group Report  Not yet available |  | 1 |  |
| [TD25](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0025) | Chair, ITU-T Study Group 13 | ITU-T SG13 Lead Study Group Report  Not yet available |  | 1 |  |
| [TD26](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0026) | Chair, ITU-T Study Group 15 | ITU-T SG15 Lead Study Group Report |  | 1 |  |
| [TD27](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0027) | ITU-T Study Group 17 | LS/i on SG17 Lead Study Group Reports [from ITU-T SG17] |  | 1 |  |
| [TD28](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0028) | Chair, ITU-T Study Group 20 | ITU-T SG20 Lead Study Group Report  Not yet available |  | 1 |  |
| [TD29](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0029) | Chair, ITU-T Study Group 21 | ITU-T SG21 Lead Study Group Report |  | 1 |  |
| [TD35](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0035) | ITU-D TDAG | LS/i/r on Work on Digital Transformation (reply to TSAG-LS24) [from ITU-D TDAG] |  |  | 1 |
| [TD36](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0036) | ITU-T Study Group 17 | LS/i on progress of the Correspondence Group on AI Security (CG-AISEC) [from ITU-T SG17] |  | 1 |  |
| [TD37](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0037) | EG-ComAD | LS/i on the establishment of the Working Group 2 on Vehicular communications for advanced emergency braking, including to protect VRUs [from EG-ComAD] |  | 1 |  |
| [TD40](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0040) | ITU-R WP 5D | LS/i on Terms and definitions related to IMT-2020 (5G) technology [from ITU-R WP 5D] |  | 1 |  |
| [TD41](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0041) | FG-AINN | LS/i on call for contributions to new Focus Group on Artificial Intelligence Native for Telecommunication Networks (FG-AINN) [from FG-AINN] |  | 1 |  |
| [TD42](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0042) | 3GPP TSG SA | LS/i on Metaverse application enablement [from 3GPP TSG SA] | 1 |  |  |
| [TD43](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0043) | CCT | LS/i on Naming for International Mobile Telecommunications (IMT) [from CCT] |  | 1 |  |
| [TD44](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0044) | CCT | LS/i/r on Terms and definitions related to IMT-2020 (5G) technology (reply to ITU-R WP 5D/TEMP/175) [from CCT] |  | 1 |  |
| [TD45](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0045) | Chair, SPCG | IEC/ISO/ITU-T SPCG Recommendation on new ITU-T Focus Group on 'Artificial Intelligence Native for Telecommunication Networks (FG-AINN)' |  | 1 |  |
| [TD46](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0046) | ITU-T Study Group 20 | LS/i on Joint Correspondence Group on Internet of Things Security (CG-IoTSec) [from ITU-T SG20] |  | 1 |  |
| [TD47](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0047) | ITU-T Study Group 20 | LS/i on Joint Correspondence group on Internet of Things identification and Numbering, Naming, Addressing and Identification aspects (CG-Identification) [from ITU-T SG20] |  | 1 |  |
| [TD48](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0048) | ITU-T Study Group 20 | LS/i on the establishment of a new Question under ITU-T Study Group 20 [from ITU-T SG20] |  | 1 |  |
| [TD49](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0049) | ITU-T Study Group 20 | LS/i on Joint Correspondence group on Trust (CG-Trust) [from ITU-T SG20] |  | 1 |  |
| [TD51](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0051) | ITU-T Study Group 20; ITU-T Study Group 21 | LS/i on Draft Terms of Reference of the Joint Coordination Activities on metaverse standardization [from ITU-T SG20, SG21] | 1 |  |  |
| [TD53](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0053) | ITU-T Study Group 20 | LS/i/r on FG-MV deliverables: allocation and guidance for future work (reply to TSAG-LS46) [from ITU-T SG20] | 1 |  |  |
| [TD54](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0054) | ITU-T Study Group 20 | LS/i on Dual numbering of approved Recommendation ITU-T Y.4234 "Requirements, capabilities and deployment models for e-learning in remote classrooms" [from ITU-T SG20] |  | 1 |  |
| [TD57](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0057) | ITU-T Study Group 21 | LS/i on revised text of Question 9/21 on metaverse [from ITU-T SG21] |  | 1 |  |
| [TD58](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0058) | ITU-T Study Group 21 | LS/i on revised text of Question 6/21 [from ITU-T SG21] |  | 1 |  |
| [TD59](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0059) | ITU-T Study Group 2 | LS/i on SCV activity in SG2 [from ITU-T SG2] |  | 1 |  |
| [TD61](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0061) | ITU-T Study Group 2 | LS/i/r on Proposal for a Joint Working Party on OTT Definitions (reply to SG3-LS35) [from ITU-T SG2] |  | 1 |  |
| [TD62](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0062) | ITU-T Study Group 2 | LS/i/r on Joint Correspondence group on Internet of Things identification and Numbering, Naming, Addressing and Identification aspects (CG-Identification) (reply to SG20-LS5) [from ITU-T SG2] |  | 1 |  |
| [TD63](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0063) | ITU-T Study Group 2 | LS/i/r on the UAV definitions (reply to TSAG-LS52) [from ITU-T SG2] |  | 1 |  |
| [TD64](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0064) | ITU-T Study Group 21 | LS/i/r on work program of ITU-T SG21 on metaverse based on FG-MV deliverables (reply to TSAG-LS46) [from ITU-T SG21] | 1 |  |  |
| [TD69](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0069) | ITU-T Study Group 11 | LS/i/r on SG11 preparation for WTSA-24 (reply to SG15-LS129) [from ITU-T SG11] |  | 1 |  |
| [TD70](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0070) | ITU-T Study Group 11 | LS/i/r on a contribution titled: "Registration Authority Assignment criteria to issue digital public certificates for use by Q.TSCA" (E.RAA4QTSCA) (reply to SG2-LS35) [from ITU-T SG11] |  | 1 |  |
| [TD72](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0072) | ITU-T Study Group 11 | LS/i on consideration of a new work item ITU-T Q.PMV "Protocol map for metaverse" [from ITU-T SG11] | 1 |  |  |
| [TD74](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0074) | ITU-T Study Group 13 | LS/i/r on FG-MV deliverables: allocation and guidance for future work (reply to TSAG-LS46) [from ITU-T SG13] | 1 |  |  |
| [TD76](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0076) | ITU-T Study Group 13 | LS/i on information about the progress of IMT-2030 network studies within SG13 [from ITU-T SG13] |  | 1 |  |
| [TD78](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0078) | ITU-T Study Group 15 | LS/i/r on the latest updates of Access Network Transport (ANT) and Home Network Transport (HNT) Standards Overviews and Work Plans (reply to SG9-LS96 and SG21-LS9) [from ITU-T SG15] |  | 1 |  |
| [TD80](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0080) | ITU-T Study Group15 | LS/i on OTNT Standardization Work Plan Issue 35 [from ITU-T SG15] |  | 1 |  |
| [TD81](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0081) | ISCG | Inter-Sector Coordination Group (ISCG) Progress Report |  | 1 |  |
| [TD82](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0082) | ITU-T Study Group 3 | LS/i on the provisional approval of a new work item on cost models for provisioning Satellite Internet Connectivity Services [from ITU-T SG3] |  | 1 |  |
| [TD83](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0083) | ITU-T Study Group 3 | LS/i/r on Proposal for a Joint Working Party on OTT Definitions (reply to SG2-LS3 and SG2-LS1) [from ITU-T SG3] |  | 1 |  |
| [TD84](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0084) | ITU-T Study Group 15 | LS/i/r on cooperation and coordination with ITU-R study groups (reply to TSAG-LS52) [from ITU-T SG15] |  | 1 |  |
| [TD85](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0085) | ITU-T Study Group 17 | LS/i on request to update security contacts and to provide information on security-related Recommendations or other texts under development [from ITU-T SG17] |  | 1 |  |
| [TD86](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0086) | ITU-R RAG | LS/i/r on the creation of new ITU-T work items and definitions on Terrestrial and satellite Radiocommunication Issues (reply to TSAG-LS52) [from ITU-R RAG] |  | 1 |  |
| [TD87](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0087) | ITU-T Study Group 17 | LS/i on draft Terms of Reference of the Joint Correspondence Group on Trust (Joint-CG-Trust) [from ITU-T SG17] |  | 1 |  |
| [TD88](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0088) | ITU-T Study Group 17 | LS/i on the continuation of the Joint Coordination Activity on Identity Management (JCA-IdM) [from ITU-T SG17] |  | 1 |  |
| [TD89](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0089) | ITU-T Study Group 17 | LS/i on Updated Q3/17 text for TSAG approval [from ITU-T SG17] |  | 1 |  |
| [TD90](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0090) | ITU-T Study Group 17 | LS/i on the updated Q10/17 text "Management of digital identity" [from ITU-T SG17] |  | 1 |  |
| [TD91](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0091) | ITU-T Study Group 17 | LS/i on the establishment of the Correspondence Group on SG17 Strategy for AI security in telecommunications/ICTs (CG-AISEC-STRAT) [from ITU-T SG17] |  | 1 |  |
| [TD92](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0092) | ITU-T Study Group 17 | LS/i on draft Terms of Reference of the Joint Correspondence Group on IoT security (Joint-CG-IoTSec) [from ITU-T SG17] |  | 1 |  |
| [TD93](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0093) | ITU-T Study Group 17 | LS/i on common definition on "metaverse" [from ITU-T SG17] | 1 |  |  |
| [TD98](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0098) | Chair, WP2 | Agenda, WP2/TSAG opening plenary (Geneva, 26-30 May 2025)  Not yet available | 1 |  |  |
| [TD99](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0099) | Chair, WP2 | Agenda, WP2/TSAG closing plenary (Geneva, 26-30 May 2025)  Not yet available | 1 |  |  |
| [TD100](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0100) | Chair, WP2 | Report of the meeting of WP2/TSAG (Geneva, 26-30 May 2025)  Not yet available | 1 |  |  |
| [TD105](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0105) | Rapporteur, RG-WPR | Draft agenda, RG-WPR  Not yet available |  | 1 |  |
| [TD106](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0106) | Rapporteur, RG-WPR | Draft report, RG-WPR  Not yet available | 1 | 1 |  |
| [TD107](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0107) | Rapporteur, RG-DT | Draft agenda, RG-DT  Not yet available |  |  | 1 |
| [TD108](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0108) | Rapporteur, RG-DT | Draft report, RG-DT  Not yet available | 1 |  | 1 |
| [TD112](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0112) | Rapporteur, RG-DT | Progress report of the interim TSAG RG-DT meetings | 1 |  | 1 |
| [TD116](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0116) | FG-AINN | LS/i on call for contributions to the new Focus Group on Artificial Intelligence Native for Telecommunication Networks (FG-AINN) [from FG-AINN] |  | 1 |  |
| [TD121](http://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSAG-250526-TD-GEN-0121) | Chair, SPCG | IEC/ISO/ITU-T SPCG Recommendation on new ITU-T proposal on new Joint Coordination Activities (JCA) on metaverse standardization |  | 1 |  |
| [TD124](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0124/en) | SCV | LS/i on the term "Orchestration" [from SCV] |  | 1 |  |
| Total | TDs 66 |  | 13 | 49 | 4 |
| Total | Documents 73 |  |  |  |  |

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