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| A black and white logo  Description automatically generated with low confidence | INTERNATIONAL TELECOMMUNICATION UNION  **TELECOMMUNICATION STANDARDIZATION SECTOR**  STUDY PERIOD 2025-2028 | | | TSAG-TD99 |
| TSAG |
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| **TD** | | | | |
| **Source:** | | | Chair, WP2/TSAG | |
| **Title:** | | | Agenda, WP2/TSAG closing plenary (Geneva, 29 May 2025) | |
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| **Abstract:** | This TD contains the agenda for the closing plenary of the Working Party 2/TSAG “Work Programme, restructuring and thematic Resolutions” (WP2). |

**Action**: Review, approval, follow up on requests.

Agenda for the closing plenary of Working Party 2/TSAG  
(Geneva, 29 May 2025)

1. Opening of the meeting
2. Approval of the agenda
3. Review of the Results of Rapporteur Group meetings (Geneva, 26-30 May 2025)
   1. **TSAG RG-WPR** “Rapporteur Group on Work Programme and Restructuring, SG work, SG Coordination”

* Report – [TD106](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0106/en)
* RG-WPR ToR – [TD7R1](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0007/en)
* Revised and new Questions texts
* WTSA-24 Actions
* Outgoing LSs

**Anticipated Actions**

* **WP2-4**: Approve the RG-WPR meeting report, [TD106](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0106/en).
* **WP2-5**: 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**: Approve the Liaison Statement on ITU-T mandate to all ITU-T study groups – [TD150](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0150/en)
* **RG-WPR-2, 3, 4, 5**: 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)) **RG-WPR-6**: Approve Liaison Statement on Q9/21 (metaverse), [TD142](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0142/en)
* **RG-WPR-7**: Approve Liaison Statement on Collaboration and Coordination on Smart and Sustainable Communities, [TD138R1](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0138/en)
* **RG-WPR-8**: 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-9**: 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)
  1. **TSAG RG-DT** “Rapporteur Group on Sustainable Digital Transformation”
* Report – [TD108](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0108/en)
* ToR for RG-DT – [TD7R1](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0007/en)
* Outgoing LS on work on Digital Transformation - [TD148](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0148/en)
* Outgoing LSs 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)

**Anticipated Actions**

* **WP2-6**: Approve the RG-DT meeting report, [TD108](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0108/en)
* **WP2-7:** 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)
* **RG-DT-2:** Approve Liaison Statement on work on Digital Transformation, [TD148](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0148/en)
* **WP2-8:** Agree the interim e-meetings plan for RG-DT (Annex 1)

1. Outgoing liaison statement

4.1 Review of the outgoing LS on lead SG role – [TD139](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0139/en)

**Anticipated action WP2-9**: Approve Liaison Statement on lead SG role, [TD139](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0139/en)

1. Review of the WP2/TSAG meeting report – [TD100](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0100/en)
2. Review of the status of the Actions and Action Plan in Annex 2
3. Any other business
4. Closure

**Annex 1 – WP2 Rapporteur Groups interim e-meetings plan**

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

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| --- | --- | --- | --- | --- |
| **#** | **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 |

**RG-WPR** “Rapporteur Group "Work Programme and Restructuring, SG work, SG Coordination (RG-WPR)" has no interim meetings before the next TSAG meeting.

Annex 2 - 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 between 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, Liaison sent to SGs on ITU-T mandated in [TD150](https://www.itu.int/md/T25-TSAG-250526-TD-GEN-0150/en). 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 2a - 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)

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| **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: Started, JCA-IMT2020 continuation  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. | | |