

WORLD TELECOMMUNICATION STANDARDIZATION
ASSEMBLY
New Delhi, 15-24 October 2024

WTSA-24 Actions

FOREWORD

The International Telecommunication Union (ITU) is the United Nations specialized agency in the field of telecommunications, and information and communication technologies (ICTs). The ITU Telecommunication Standardization Sector (ITU-T) is a permanent organ of ITU. ITU-T is responsible for studying technical, operating and tariff questions and issuing Recommendations on them with a view to standardizing telecommunications on a worldwide basis.

The World Telecommunication Standardization Assembly (WTSA), which meets every four years, establishes the topics for study by the ITU-T study groups which, in turn, produce Recommendations on these topics.

The approval of ITU-T Recommendations is covered by the procedure laid down in WTSA Resolution 1.

WTSA-24 ACTIONS

(New Delhi, 2024)

WTSA-24 Action number	Action
1	WTSA-24 requests TSAG to discuss possible revision of Resolution 1 in the upcoming Study Period and submit the updates that reach consensus to the next Assembly in 2028 taking into consideration the proposals submitted to WTSA-24 to revise Resolution 1 (ATU/35A1/1 , APT/37A1/1 and RCC/40A30/1) as well as their related discussions found in WTSA-24 TD-140 .
2	WTSA-24 instructs TSAG to study the concept and effectiveness of Lead Study Groups used in Resolution 1 § 2.1.5, 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.
3	WTSA-24 invites the Director of the Telecommunication Standardization Bureau: <ol style="list-style-type: none"> 1) to come up with an action in the industry engagement action plan so as to promote and enhance the participation of MSMEs and startups in the ITU-T standardization process; 2) to survey in the industry engagement action plan.
4	With reference to the ARB and ATU contributions, ARB/36A31/1 and ATU/35A35/1 , WTSA-24, in line with Resolution 68, requests the Director of TSB to convene workshops preferably back to back with relevant Study Group meetings that bring together stakeholders in the OTT ecosystem, aiming to facilitate collaboration, knowledge sharing, and consideration of diverse stakeholders' interests, while identifying and proposing innovative solutions to address their needs and interests wherever possible and report progress of workshop outcomes to TSAG.
5	WTSA-24 requests the Director of the Telecommunication Standardization Bureau, in collaboration with TSAG, to: <ol style="list-style-type: none"> 1) participate actively in the development and implementation of the ITU-wide resource mobilization strategy by exploring potential new measures for generating additional revenue for the ITU-T, including international numbering resources (INRs), stakeholder partnerships, and alternative funding models for standardization purposes, taking in account the interest of Sector Members, 2) explore current and possible new models, in particular to support the transfer of work to ITU-D to promote the implementation of ITU-T standards, 3) encourage ITU-T Study Groups to develop Recommendations that are more likely to be adopted by the industry, and 4) submit a report on the above analysis to the ITU Council, and WTSA-28.
6	WTSA-24 requests TSB Dir: <ol style="list-style-type: none"> 1) to implement Res. 90 instructs the TSB Dir 1, and provide clarification of various open-source concepts and their use in ITU-T. WTSA-24 requests TSAG: <ol style="list-style-type: none"> 1) To survey on the practices and needs in use of open source in ITU-T groups. 2) To survey on the usage of open source in relation to the implementation of ITU-T Recommendations by ITU-T members. 3) Use the outcome of the surveys as input to the open-source training referred to in instructs the TSB Dir 1.
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.

WTSA-24 Action number	Action
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.
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.
10	With reference to the APT contribution, APT/37A40/1 , 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.
11	With reference to the ARB contribution, ARB/36A33/1 , WTSA-24 instructs the TSB Director to inform Study Groups about: <ol style="list-style-type: none"> 1) the interoperability challenges faced with the implementation of disaster risk management for all types of systems and devices, including but not limited to, user equipment, IMT technologies, IoT, and multi-modal telecommunications; 2) the rapid growth of real-time data collection and communication in early warning systems; 3) new emerging technologies related to telecommunications/ICTs including AI, support emergency and disaster risk management and preparedness, for early warning, risk reduction, mitigation and relief.
12	With reference to the ARB contribution, ARB/36A33/1 , WTSA-24 invites Member States, Sector Members, Academia and Associates to contribute to the development of standards to address the points in WTSA-24 Action 11.
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 , 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.
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 , 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.
15	Recognizing the contribution that NGSO satellite systems can make to global connectivity, especially for regions lacking traditional internet infrastructure, raised in, ATU/35A34/1 , WTSA-24 invites Member States, Sector Members, Associates and Academia to actively contribute in the relevant study groups on standardization matters related to NGSO satellite systems-based telecommunication services, consistent with WTSA-24 Action 14 towards a more connected and inclusive world.