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| A black and white logo  Description automatically generated with low confidence | INTERNATIONAL TELECOMMUNICATION UNION  **TELECOMMUNICATION STANDARDIZATION SECTOR**  STUDY PERIOD 2022-2024 | | TSAG-TD023 |
| **TSAG** |
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| **Question(s):** | | N/A | Geneva, 12-16 December 2022 |
| **TD** | | | |
| **Source:** | | Director of the Telecommunication Standardization Bureau | |
| **Title:** | | Highlights of ITU Plenipotentiary Conference 2022 of interest to ITU-T | |
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| --- | --- |
| **Abstract:** | This TD summarizes the main highlights of PP-22 with an interest or an impact on ITU-T. |
| **Action required**: | TSAG is invited to note the document. |

**Notes:**

The **Provisional Final Acts of the 2022 Plenipotentiary Conference (PP-22**) are available, at the time of submitting this TD, as [C-202](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0202).   
The provisional document comprises of revised or new Resolutions and Decisions, as well as the list of Resolutions abrogated by the Conference. No changes were made to the Constitution and Convention.

Quotes reproduced in the summary below were extracted from:

1 First or Second reading of draft (revised) Decisions/Resolutions as submitted to Plenary

2 Report from the Chairman of Committee 5 (COM5) to Plenary([C-189](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0189))

3 Report from the Chairman of Committee 6 (COM6) to Plenary ([C-157](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0157)-R1)

4 Report from the Chairman of the Working Group of Plenary (WGPL) to Plenary  
 ([C-188-R1](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0188)).

**1 Summary of relevant topics for ITU-T**

1.1 Mr Onoe Seizo (Japan) was elected as TSB Director for the mandate of 1 January 2023 - 31 December 2026.

1.2 PP-22 agreed that the ITU Constitution and Convention remained unchanged. This is the third time since 1992 that the Convention and Constitution were not changed.

1.3 Key decisions agreed at the conference included resolutions on:

* Applying artificial intelligence (AI) technologies for good (new)
* Confidence-building and sustainable development in outer space (new)
* Empowering women and girls through digital transformation (revised texts)
* Frequency assignments by military radio installations for national defence services (new)
* How new technologies can mitigate, rather than exacerbate, the climate crisis (revised texts)
* How technologies can protect against global pandemics (new)
* The Internet of Things (IoT) for smart and sustainable cities and communities (revised texts)

1.4 Among the six New Resolutions approved at the PP-22, two have a direct impact on ITU-T:

1.4.1 Resolution 214, *Artificial intelligence technologies and telecommunications information and communication technologies*

This new resolution notes   
  
*b) that ITU has partnered with more than 40 other United Nations agencies to convene the ''AI for Good'' platform and launched the ITU AI Repository, which seeks to identify practical applications of AI to advance the SDGs;   
  
c) that work is already under way across ITU, including through study groups, focus groups and capacity-building activities, to examine the intersection between AI and telecommunications/ICTs to facilitate sustainable development,*  
The resolution resolved  
  
*that ITU should, within its mandate and core competencies:   
  
a) continue the work on AI related to telecommunication/ICTs, including studies, information sharing, and capacity building on AI technologies for increasing efficiency of telecommunications/ICTs;  
   
b) foster a telecommunication/ICT ecosystem for deployment of AI technologies.*

1.4.2 Resolution 215, *Role of telecommunications/information and communication technologies in mitigating global pandemic*

This new resolution recognized that

*studies are underway in relevant ITU study groups on the use of existing, new and emerging telecommunications/ICTs to mitigate global pandemics,*

instructing the Director of the Telecommunication Standardization Bureau

*1 to institute a framework for achieving the objectives of this resolution and continue to update Member States on how to tackle future and emerging global pandemics using telecommunications/ICTs;*

*2 to facilitate the exchange of best practices to mitigate the COVID-19 pandemic with all relevant standards development organizations and entities to create opportunities for cooperative efforts to support the active deployment and use of telecommunications/ICTs;   
  
3 to develop and disseminate standards, guidelines and best practices in cooperation with other stakeholders for the use of telecommunications/ICTs in response to the COVID-19 and other pandemics*

1.5 The new Financial Plan for 2024-2027 (revised Decision 5) is a balanced financial plan with the total planned expenses for the period concerned amounts to CHF 651.7 million offset by projected revenue of CHF 651.7 million. It sets the definitive upper limit of the amount of the contributory unit at CHF 318 000; and the number of contributory units from Member States applicable as from 1 January 2024 is 343 11/16.

The Financial Plan 2024-2027 for ITU-T amounts to CHF 54,4 million.

1.6 A new ITU's strategic and budget plans for 2024-2027 was adopted at the PP-22. The four-year strategy of the Union highlights key priorities for radiocommunication, standardization and development work aimed at connecting the world, driving an inclusive global digital transformation, and helping achieve the UN's Sustainable Development Goals (SDGs) for 2030. The structure of the new strategic plan is totally different from previous version can be seen in the Figure 1 below, while the goals 1 and 2 in Figure 2 below.

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Figure 1 – ITU Strategic Plan 2024 – 2027.

Diagram

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Figure 2 – The new Goals of the ITU Strategic Plan 2024 – 2027

WTSA-24 is planned to take place in the last quarter of 2024 (November), in India. Exact dates and location to be confirmed and communicated later on in 2023.

**2 PP-22 Resolutions with relevant changes impacting ITU-T**

**2.1 Resolution 25 (Rev. Bucharest 2022) “Strengthening the ITU regional presence”:**

*instructs the Secretary-General, in close consultation with the Directors of the three Bureaux*

1 to take measures to further strengthen the regional presence as an extension of ITU as a whole, as well as measures to ensure that the activities of BR, TSB and BDT are effectively incorporated in the regional and area offices, as described in this resolution;

3 to ensure the availability of expertise from the three ITU Sectors in the regional and area offices;

5 to report annually to the Council on the implementation of all activities of the three Sectors and the General Secretariat in the regions under the coordination of the regional and area offices,

*instructs the Director of the Telecommunication Development Bureau, in close consultation with the Secretary-General and the Directors of the Radiocommunication Bureau and the Telecommunication Standardization Bureau*

2 to strongly encourage the participation of regional and area office staff in ITU conferences, assemblies and meetings taking into consideration budget availability.

4 to review and determine the appropriate posts, including permanent posts, in regional and area offices, and strive to ensure that each region has at least one professional with skills and knowledge relevant to act as the focal point of each of the three Sectors, reporting to the regional director, including by training existing staff, while hiring specialized staff on an as-needed basis to meet particular needs

9 to initiate internal consultations within the Sectors and with regional and area office staff to list expectations for the regional presence, and to define the type and appropriate level of contribution from each sector;

10 clearly communicating the linkage between the role played by an individual and the achievement of key objectives and priorities of the concerned region,

*instructs the Directors of the Radiocommunication Bureau and the Telecommunication Standardization Bureau*

1 to continue coordinating with the Director of BDT to provide information on their Sectors' activities, as well as the necessary expertise, and submit requests and/or proposals from regional and area offices, to strengthen cooperation and coordination with the relevant regional and UN organizations and to facilitate the participation of all Member States and Sector Members in the activities of the three Sectors of the Union in accordance with the “One ITU”;

3 to identify focal points from BR and TSB to coordinate with regional and area offices.

**2.2 Resolution 64 (Rev. Bucharest 2022) “Non-discriminatory access to telecommunication/information and communication technology facilities, services and applications, including applied research and transfer of technology, and e meetings, on mutually agreed terms”:**

*instructs the Secretary-General, in close cooperation with the Directors of the three Bureaux*

4 to dedicate attention to the activities described in *instructs the Secretary-General, in close cooperation with the Directors of the three Bureaux* 1-3 above during pandemics;

1 to compile and distribute a list of available online services and applications relevant to ITU activities and identify those that cannot be accessed, based on information received from ITU Member States;

2 to take appropriate measures and steps to promote broad participation, as far as practical, to ensure the fair and equitable participation of all members in ITU online services and applications;

3 to cooperate and coordinate with the relevant organizations to take the appropriate measures to promote access to ITU online services and materials for all ITU members;

**2.3 Resolution 101 (Rev. Bucharest 2022) “Internet Protocol-based networks”:**

*requests the three Sectors*

to continue to consider and update their work programmes on IP-based networks and on migration to future networks, including strengthening collaboration with other entities and organizations for the benefit of Member States and ITU members, taking into account the impact of new and emerging telecommunication/ICT services and technologies,

*resolves*

2 that ITU shall fully embrace and promote the opportunities for telecommunication/ICT development that arise from the growth of IP-based services, including services using new and emerging telecommunications/ICTs, in conformity with the Union's purposes and the outcomes of the Geneva (2003) and Tunis (2005) phases of WSIS, taking into account the quality and security of services and the affordability of international connectivity for all, especially for developing countries, LLDCs and SIDS;

4 that ITU shall continue to collaborate with other relevant organizations and stakeholders to ensure that growth in IP-based networks, along with and taking into consideration traditional networks, delivers maximum benefits to the global community, and shall continue to participate, as appropriate, in any directly related new international initiatives, such as the initiative in cooperation with the United Nations Educational, Scientific and Cultural Organization (UNESCO) on the United Nations Broadband Commission for Sustainable Development formed for this purpose;

*instructs the Secretary-General*

1 to prepare a detailed annual report on the implementation of this resolution to the ITU Council with the appropriate input from Member States, Sector Members, the three Sectors and the General Secretariat, that provides a comprehensive summary of the activities that ITU is already undertaking in regard to IP-based networks and the related impact of new and emerging telecommunications/ICTs in these networks as well as any changes thereto, including the development and deployment of future networks, and of the roles and activities of other relevant international organizations, describing their involvement in IP-based network issues; the report shall indicate the degree of cooperation between ITU and these organizations, drawing the required information wherever possible from existing sources, and containing concrete proposals on improving ITU activities and such cooperation, and shall be distributed widely among the Member States and Sector Members, the advisory groups of the three Sectors and other groups involved one month before the Council session;

**2.4 Resolution 102 (Rev. Bucharest 2022) “ITU's role with regard to international public policy issues pertaining to the Internet and the management of Internet resources, including domain names and addresses”:**

*instructs the Directors of the Bureaux*

1 to contribute to CWG-Internet concerning the activities undertaken by their respective Sectors, considering Council Resolutions 1305 and 1336, which are relevant to the work of the group;

*instructs the Director of the Telecommunication Standardization Bureau*

3 to work with Member States, Sector Members and relevant regional and international organizations on issues concerning Member States' ccTLDs, related experiences and best practices, fostering cooperation among them;

**2.5 Resolution 123 (Rev. Bucharest 2022) “Bridging the standardization gap between developing and developed countries”:**

*resolves to instruct the Secretary-General and the Directors of the three Bureaux*

3 to engage ITU regional offices in the activities related to bridging the standardization gap, including the necessary assistance to raise awareness within developing countries;

4 to provide developing countries with assistance to enhance capacity building in the standardization field, including through collaboration with the relevant academia, in close collaboration between ITU-T and ITU-R, and taking into consideration the activities carried out by the ITU Academy Training Centers and other capacity-building initiatives of the Telecommunication Development Bureau (BDT);

12 to encourage the participation of members, particularly Academia, from developing countries in ITU’s activities towards bridging the standardization gap, including through, whenever possible, the holding of workshops, study group and other meetings in the regions,

**2.6 Resolution 130 (Rev. Bucharest 2022) “Strengthening the role of ITU in building confidence and security in the use of information and communication technologies”:**

*resolves*

1 to continue promoting the ITU’s Global Network Resiliency Platform and its work to provide a platform for ICT regulators, policy makers and other stakeholders to share best practice on building confidence and security in the use of ICTs;

2 to continue to give this work high priority within ITU, taking into account new and emerging telecommunication/ICT services and technologies and in accordance with its competences and expertise, including promoting common understanding among governments and other stakeholders of building confidence and security in the use of ICTs at national, regional and international level;

3 that ITU should continue to serve as a platform of information sharing for the various activities, initiatives, and projects that are being carried out on different facets of cybersecurity by stakeholders and organizations active in this field to enable an easy point of access for all;

10 to continue to maintain, in building upon the information base associated with the "ICT Security Standards Roadmap" and “Security Compendium” and ITU‑D's efforts on cybersecurity, and with the assistance of other relevant organizations, an inventory of national, regional and international initiatives and activities to promote the development of common approaches in the field of cybersecurity;

11 to promote the growth and development of a diverse and skilled cybersecurity workforce that is able to address and mitigate cyber risks, and promote the importance of effective qualifications and professional career pathways;

*instructs the Secretary-General and the Directors of the Bureaux*

1 to continue to provide a platform for ICT regulators, policy makers and other stakeholders to share with one another information and best practice on building confidence and security in the use of ICTs especially during globally shared challenges such as pandemics;

7 to consider the results of the GCI to guide ITU cybersecurity-related initiatives, especially taking into account the gaps identified through the GCI process;

8 to report annually to the Council on the implementation of this resolution, and on the activities of the three Sectors and the General Secretariat to build confidence and security in the use of ICTs in line with WSIS Action Line C5, and to make proposals as appropriate;

*instructs the Director of the Telecommunication Standardization Bureau*

to intensify work within existing ITU‑T study groups in order to:

i) address existing and future threats and vulnerabilities affecting efforts to build confidence and security in the use of ICTs, taking into account new and emerging telecommunications/ICTs services and technologies based on telecommunication/ICT networks, by developing Recommendations, Supplements, and Technical Reports, as appropriate, with the goal of implementing WTSA resolutions, particularly Resolutions 50 (Rev. Geneva, 2022), 52 (Rev. Hammamet, 2016) and Resolution 58 (Rev. Geneva, 2022), allowing work to begin before a question is approved;

iii) to encourage collaboration among the various ITU-T study groups regarding the study of cybersecurity related matters, throughout their work on standardization;

4 to support the work of ITU-D Study Question 3/2;

5 to continue to collaborate with the Director of the Telecommunication Development Bureau in the dissemination to the developing countries information on guidelines, recommendations, technical reports and best practices related to building confidence and security in the use of Information and Communication technologies, which have been developed by the study groups of the ITU Telecommunication Standardization Sector (ITU-T),

*further instructs the Director of the Telecommunication Standardization Bureau and the Director of the Telecommunication Development Bureau, that each within the scope of their responsibilities:*

1 to implement relevant resolutions of both WTSA-20 and WTDC-22, including ITU-D priority on inclusive and secure telecommunications/ICTs for sustainable development of the Kigali Action Plan, with particular focus on the needs of developing countries as they undertake efforts to improve cybersecurity and build confidence and security in the use of ICTs;

2 to disseminate to ITU Member States, in particular developing countries, information on guidelines, recommendations, technical reports and best practices related to cybersecurity;

4 to continue to support relevant ITU study groups to build confidence and security in the use of ICTs;

5 without duplicating the work under ITU‑D Question 3/2, to continue identifying best practices related to Question 3/2, including establishing CIRTs, and promoting the related operating framework of CIRTs to review the reference guide for the Member States and, where appropriate, to contribute to Question 3/2;

8 to identify, document, and promote the adoption of practical steps to support developing countries in building capacity and skills in cybersecurity, taking into account the specific challenges they face;

9 to consider the specific cybersecurity challenges and needs faced by small and medium-sized enterprises (SMEs), incorporating these particular aspects into the activities of the ITU to build confidence and security in the use of ICTs;

11 to support Member States to identify the basic security measures for cyber-hygiene that everyone should take to protect themselves from cyber risks, and to encourage and support ITU Members and other stakeholders to promote these to the public;

12 to identify and document practical steps to strengthen security in the use of ICTs internationally, including the concept that security is seen as a continuous and iterative process, based on ‘security by design’ approaches and other widely accepted practices, guidelines and recommendations that Member States and other stakeholders can choose to apply to improve their ability to combat cyberthreats and attacks, including a dynamic and iterative risk-based approach that reflects the evolving nature of threats and vulnerabilities, and to strengthen international cooperation in building confidence and security in the use of ICTs, including promoting voluntary information sharing among interested Member States taking into account the GCA and within the available financial resources;

18 to share experiences and raise awareness on cybersecurity assurance practices and programmes,

**2.7 Resolution 139 (Rev. Bucharest 2022)** “**Use of telecommunications/ ICTs to bridge the digital divide and build an inclusive information society**”**:**

*resolves*

4 that the Inter-Sector Coordination Group (ISCG) on Issues of Mutual Interest along with the Inter-Sectoral Coordination Task force (ISC-TF), in close collaboration with the Directors of the Bureaux, coordinate the work of the Sectors with respect to bridging the digital divide including accessible and affordable connectivity, digital literacy and skills development;

8 that ITU foster the development of activities that promote the planning and execution of strategies that allow the use of emerging technologies to improve access to telecommunications/ICTs,

*instruct the Secretary-General and the Directors of the three Bureaux, in line with the mandates of their respective Sectors*

to work with the ITU membership to raise awareness and support information sharing and capacity building activities, in close coordination with other relevant SDOs and forums, related to disaggregated, open, and interoperable network technologies and solutions, such as Open RAN and others, with the objective of promoting affordable connectivity and bridging the digital divide, in particular in developing countries, and encouraging competition, innovation and technology neutrality,

**2.8 Resolution 140 (Rev. Bucharest 2022) “ITU's role in implementing the outcomes of the World Summit on the Information Society and the 2030 Agenda for Sustainable Development, as well as in their follow-up and review processes”:**

*resolves*

5 that ITU should continue to play a lead facilitation role in the WSIS implementation process, as a moderator/facilitator for implementing Action Lines C2, C4, C5 and C6;

6 that ITU should provide adequate resources allocated to ITUs activities including WSIS staff and financial resources to maintain effective implementation of the WSIS Action Lines and achieving the SDGs;

13 that the ITU Sectors, in particular, relevant study groups, should carry out those activities considering in their studies the work of CWG-WSIS&SDG[[1]](#footnote-1)3 and other Council working groups on issues relevant to WSIS and the 2030 Agenda for Sustainable Development;

*instructs the Directors of the Bureaux*

2 in close intersectoral collaboration, to take into account the impact of ITU's work in telecommunications/ICT related to digital transformation on the growth of the digital economy, in line with the WSIS framework, and provide assistance to the membership upon request,

3 to provide CWG‑WSIS&SDG with a comprehensive summary of Sector’s activities on implementation of the WSIS outcomes and the 2030 Agenda for Sustainable Development, including emerging trends;

4 in implementing the WSIS outcomes and achieving SDGs, within the mandate of the Sector, to pay special attention to the needs of the developing countries;

5 to submit contributions to the relevant annual reports of the ITU Secretary-General on these activities,

**2.9 Resolution 154 (Rev. Bucharest 2022) “Use of the six official languages of the Union on an equal footing”:**

*resolves*

4 that when selecting terms and preparing definitions, study groups, and after them ITU CCT, shall take into account the established use of terms and existing definitions in ITU, in particular those already included in the online database of terms and definitions of ITU. In cases where several terms are proposed with similar definitions or concepts, a single term and definition should be selected that will be acceptable for all study groups concerned;

**2.10 Resolution 167 (Rev. Bucharest 2022) “Strengthening and developing ITU capabilities for fully virtual meetings and physical meetings with remote participation, and the electronic means to advance the work of the Union”:**

COM5 Recommendation 2:

“In acknowledging the limitations imposed by the current requirements in *recognizing e)* of Resolution 167, the 2022 Plenipotentiary Conference recognizes the importance of ITU Members as well chairmen of Study Group meetings which have remote participation, by considering the positions and proposals of remote participants in regard to the issues being discussed in the meeting and the importance of stable technical facilities.”

**2.11 Resolution 175 (Rev. Bucharest 2022) “Telecommunication/information and communication technology accessibility for persons with disabilities and persons with specific needs”:**

*instructs the Secretary-General, in consultation with the Directors of the Bureaux*

4 to consult and actively involve persons with disabilities and persons with specific needs and their representative organizations as part of the venue selection process for ITU conferences and events, to ensure that selected sites are accessible and enable inclusive participation;

**2.12 Resolution 176 (Rev. Bucharest 2022) “Measurement and assessment concerns related to human exposure to electromagnetic fields”:**

*resolves to instruct the Directors of the three Bureaux*

1 to collect and disseminate information concerning exposure to EMF, including on EMF measurement methodologies, consumer information and frequently asked questions, in order to assist national administrations, particularly in developing countries, to develop appropriate national regulations;

3 to continue to cooperate with the World Health Organization (WHO), the International Commission on Non-Ionizing Radiation Protection (ICNIRP), the Institute of Electrical and Electronics Engineers (IEEE) and other relevant international organizations on guidelines and limits of human exposure to EMF, and to raise awareness and disseminate information to the ITU membership and the public with regard to human exposure to EMF from radiocommunication and non-radiocommunication sources that have influence on total EMF exposure;

4 to regularly update the ITU portal on EMF activities and public information;

**2.13 Resolution 177 (Rev. Bucharest 2022) “Conformance and interoperability”:**

*instructs the Director of the Telecommunication Standardization Bureau*

to develop the criteria for assessing the maturity of Pillar 1 of the Action plan mentioned in *recognizing further j)* above and report to the Council;

8 to define the ITU Mark concept and its implications for ITU and its membership,

**2.14 Resolution 182 (Rev. Bucharest 2022) “The role of telecommunications/information and communication technologies in regard to climate change and the protection of the environment”:**

*instructs the Directors of the three Bureaux, within the purview of their mandates*

1 to continue promoting the benefits of using telecommunications/ICTs for monitoring, mitigating and adapting to climate change;

2 to help in the promotion of best practices and guidelines:

– to promote the use and evaluate the potential of new and emerging telecommunications/ICTs to mitigate the effects of climate change and to reduce the emissions of GHG;

3 to support the development of peer-reviewed reports on ICTs, the environment and climate change, taking into consideration relevant studies, in particular the ongoing work of ITU‑T Study Group 5 and ITU‑D Study Groups 1 and 2 related to, *inter alia*, ICTs and climate change, and to assist affected countries with utilizing relevant applications for disaster preparedness, mitigation and response, and management of telecommunication/ICT waste;

4 to conduct further studies on the impact of the use of new and emerging telecommunications/ICTs in the reduction of GHG emissions and their role in mitigation adaptation of the climate change effects,

*instructs the Director of the Telecommunication Standardization Bureau*

1 to share the outputs of ITU‑T Study Group 5 on ICTs and climate change and any other related study groups, in collaboration with other bodies, in the development and enhancement of methodologies to assess:

ii) the complete-lifecycle GHG emissions over the entire value-chain, and other environmental impacts of telecommunication/ICT equipment, in collaboration with other relevant bodies, in order to establish best practice in the sector against an agreed set of methods for quantifying such emissions, to enable the benefits of reuse, refurbishment and recycling to be quantified in order to help achieve reductions in GHG emissions both in the telecommunication/ICT sector and in the use of ICTs in other sectors;

**2.15 Resolution 188 (Rev. Bucharest 2022) “The role of telecommunications/information and communication technologies in regard to climate change and the protection of the environment”:**

*resolves*

to explore all ways and means to combat counterfeit and tampered telecommunication/ICT devices in order to protect ITU members and other stakeholders from its negative impacts,

*instruct the Directors of the three Bureaux*

1 to assist Member States, particularly developing countries, in addressing their concerns with respect to counterfeit and tampered telecommunication/ICT devices, including conformity assessment systems through information sharing, seminars and workshops on best practices, existing solutions and support, at regional or global level;

2 to assist all the membership, considering relevant ITU‑T recommendations and collaborate with other telecommunication/ICT SDOs, regional and international organizations related to combating counterfeiting, in taking the necessary actions to prevent and detect the tampering (unauthorized changing) and/or replication of unique telecommunication/ICT device identifiers;

3 to encourage the membership to implement solutions to mitigate the challenges emerging from counterfeit and tampered telecom/ICT devices,

*invites*

1 RAG, TSAG and TDAG to continue to assist ISCG in identifying subjects of mutual interest to the three Sectors and mechanisms to enhance their cooperation and collaboration paying particular attention to the interests of the developing countries;

**2.16 Resolution 191 (Rev. Bucharest 2022) “Strategy for the coordination of efforts among the three Sectors of the Union”:**

Considering

*c)* that the responsibilities of the ITU Radiocommunication (ITU-R), the Telecommunication Standardization (ITU-T) and the Telecommunication Development (ITU-D) Sectors are enshrined in the ITU Constitution and Convention, in particular No. 119 of the Constitution, Nos. 151 to 154 (relating to ITU-R), No. 193 (relating to ITU-T), Nos. 211 and 214 (relating to ITU-D) and No. 215 of the Convention;

*d)* that a basic principle for cooperation and collaboration among the ITU-R, ITU-T and ITU-D is the need to avoid duplication of activities of the Sectors, and to ensure that work is undertaken efficiently and effectively;

*e)* that RA, WTSA and WTDC have also identified common areas where work is to be done and that require the internal coordination within ITU;

*f)* that the Inter-Sector Coordination Group on issues of mutual interest (ISCG), which is composed of representatives from the three advisory groups, works to identify subjects of common interest and mechanisms to enhance collaboration and cooperation among the Sectors and the General Secretariat based on contributions received, and considers also the reports from the Directors of the Bureaux and the Inter-Sectoral Coordination Task Force (ISC-TF) on options for improving cooperation and coordination within the secretariat;

*g)* that interaction and coordination in the joint holding of seminars, workshops, forums, symposia and so forth have yielded positive results in terms of saving financial and human resources,

*bearing in mind*

*g)* the ability of the regional presence to reflect ITU as a whole and play an integral role in the preparation and coordination of activities in the region,

*resolves*

2that in order to achieve “One ITU” it is crucial that all ITU Sectors coordinate their regional projects and activities with full involvement of the regional and area offices, as they are the focal points, and representatives of all three ITU Sectors and the General Secretariat on the regional level,

*instructs the Secretary-General*

8 to enhance coordination and collaboration between the three ITU Sectors and the General Secretariat in the implementation of their regional activities through the regional offices,

*instructs the Secretary‑General and the Directors of the three Bureaux*

3 to share and implement the regional projects and activities of all ITU Sectors through the regional offices;

**2.17 Resolution 196 (Rev. Bucharest 2022) “Protecting telecommunication service users/consumers”:**

*Resolves*

5 that ITU-T continue to study in close collaboration with ITU-D on consumer protection issues including aspects related to international telecommunications/ICTs, according to its mandate,

**2.18 Resolution 197 (Rev. Bucharest 2022) “Facilitating the Internet of Things and smart sustainable cities and communities”:**

*instructs the Director of the Telecommunication Standardization Bureau, in collaboration with the Directors of the Telecommunication Development Bureau and the Radiocommunication Bureau*

1 to promote and encourage the implementation of KPIs, including U4SSC KPIs, as a method for smart sustainable cities’ self-assessment;

2 to support Member States, especially those of developing countries, in the organization of forums, seminars and workshops on IoT and SSC&C to promote innovations, development and growth in IoT technologies and solutions;

3 to assist developing countries on the implementation of ITU Recommendations, reports and guidelines related to IoT and SSC&C,

**2.19 Resolution 200 (Rev. Bucharest 2022) “Connect 2030 Agenda for global telecommunication/information and communication technology, including broadband, for sustainable development”:**

*instructs the Directors of the Bureaux*

to report on the progress towards achievement of the objectives and outcomes of the work of each Sector, as elaborated in the strategic plan for the Union for 2024-2027, that contributes to the Connect 2030 Agenda,

**2.20 Resolution 204 (Rev. Bucharest 2022) “Use of information and communication technologies to bridge the financial inclusion gap”:**

*instructs the relevant study groups of the ITU Telecommunication Standardization Sector in collaboration with relevant Study Groups of the ITU Telecommunication Development Sector*

1 to continue studying economic and policy issues, developing standards, recommendations and guidelines in the area of digital financial services, as appropriate;

2 to continue studying the areas of interoperability, digitization of payments, consumer protection, quality of service, data monetization, agents, network security and use cases of digital financial services, where such studies, standards and guidelines require collaboration with efforts taking place in other institutions and relate to the mandate of the Union;

3 to continue efforts in the area of the collaboration among telecommunication regulators, financial regulators and central banks;

4 to coordinate and collaborate with other relevant standards development organizations (SDOs) and institutions with primary responsibility for the development of financial services standards, implementation and capacity building, and with other groups within ITU;

5 to develop technical standards and guidelines that will allow developing countries to address the opportunities and challenges of emerging telecommunications/ICT for digital financial services;

6 to contribute to global efforts designed to deal with enhancing the cyber security and resiliency of the digital finance ecosystem through development of international standards and industry best practices,

*instructs the Directors of the Telecommunication Standardization and Telecommunication Development Bureaux*

3 to support relevant platforms to connect DFS stakeholders, for peer learning, dialogue and experience-sharing in digital financial services and the work done on green finance led by the UNEP among countries and regions, regulators from the telecommunication and financial services sectors, industry experts and international and regional organizations;

4 to continue organizing physical/virtual workshops and seminars for the ITU membership in collaboration with other relevant SDOs, academia and institutions in order to raise awareness and identify regulators' particular needs and challenges in enhancing financial inclusion, and share lessons learned from different regions;

5 to provide guidance to developing countries regarding the security of their digital financial services infrastructure,

**2.21 Resolution 208 (Rev. Bucharest 2022) “Appointment and maximum term of office for chairmen and vice-chairmen of Sector advisory groups, study groups and other groups”:**

*instructs the Directors of the Bureaux*

to report to relevant Assemblies or Conferences on the participation of chairmen and vice-chairmen of the Sector advisory groups, study groups and other groups in the group meetings during the previous study period,

**2.22 Revised Decision 5 “Revenue and expenses for the Union for the period 2024-2027”:**

*instructs the Secretary-General and the Directors of the Bureaux*

1 to provide to the Council, on an annual basis, a report on ITU budget implementation for the previous year and anticipated implementation of the ITU budget for the current year and outlining savings achieved through the implementation of each item in Annex 2 to this decision;

**3 New PP-22 Resolutions (having an impact on ITU-T)**

**3.1 Resolution 214 (Bucharest, 2022) “Artificial intelligence and telecommunications/information and communication technologies”:**

*instructs the Secretary-General in consultation with the Directors of the three Bureaux*

1 to coordinate the activities of the Union to implement this resolution;

2 to focus the ITU’s efforts related to AI towards fostering robust telecommunication/ICT ecosystems in order to support AI technologies, and to the application of AI to make telecommunications/ICTs more efficient;

3 to continue to work with other UN agencies to realize the benefits of AI use cases for sustainable development, such as through the “AI for Good” platform and its AI repository;

4 to foster information and advice-sharing to build understanding, particularly for developing countries, related to the deployment of AI technologies in support of telecommunications/ICTs and the associated opportunities and challenges;

5 to identify opportunities, as appropriate, for coordination and cooperation with other relevant organizations and collaboration with relevant stakeholders with regard to this resolution;

6 to report to the next Plenipotentiary Conference and annually to Council on any ITU activities related to AI and the implementation of this resolution,

*instructs the Directors of the three Bureaux*

to continue to support the work of their respective sectors on AI technologies in support of telecommunications/ICTs in an effort to enable an efficient telecommunications/ICTs ecosystem.

**3.2 Resolution 215 (Bucharest, 2022) “Role of telecommunications/information and communication technologies in mitigating global pandemics”:**

*instructs the Directors of the three Bureaux*

1 to continue facilitating ITU activities to help respond to the global COVID-19 pandemic;

2 to provide assistance, if requested, to Member States on updating their National Telecommunication Emergency Plans (NTEP), taking into account COVID-19 pandemic as well as future pandemics,

*instructs the Director of the Telecommunication Standardization Bureau*

1 to institute a framework for achieving these objectives and continue to update Member States on how to tackle future and emerging global pandemics using telecommunications/ICTs;

2 to facilitate the exchange of best practices to mitigate the pandemic with all relevant SDOs and entities to create opportunities for cooperative efforts to support the active deployment and use of telecommunications/ICTs;

3 to develop and disseminate standards, guidelines and best practices in cooperation with other stakeholders for the use of telecommunications/ICTs in response to the COVID-19 and other pandemics

**4 PP-22 Committee Recommendations**

**4.1 Industry participation/engagement:**

COM5 Recommendation 5:

“The Secretary-General and the Directors of the Bureaux continue to encourage the enhanced participation of entities and organizations in the activities of the Union, in accordance with all relevant provisions of the ITU Constitution and Convention.

The Plenipotentiary Conference further invites the Director of Bureaux to bring this topic to the attention of their respective advisory groups, as appropriate.”

**4.2 SME engagement:**

COM6 Recommendation 27:

PP22 instructs the Secretary-General and the Directors of the Bureaux to continue to develop initiatives to encourage, grow and foster the participation of small and medium enterprises (SMEs) and all other stakeholders within the context of the ITU major events and forums.

**4.3 Output of side-events:**

COM6 Recommendation 21

“The potential reference of a side event output document, if any, in the outputs of ITU conferences, assemblies, or meetings shall be subject to the agreement or adoption by Member States attending these conferences, assemblies or meetings.”

**4.4 One ITU:**

COM6 Recommendation

PP22 instructs the Secretary-General coordinating with the Directors of the Bureaux to submit to the 2024 session of Council a report on the implementation of the concept of One ITU. The Council is instructed to evaluate the Secretary-General’s report and report to the next Plenipotentiary Conference on the implementation of the One ITU concept inter alia, the activities of regional and area offices.

**5 Overview and analysis of PP22 contributions**

5.1 Decisions and resolutions newly adopted by the ITU Plenipotentiary Conference (Bucharest, 2022) have been numbered to start from the next number following the last number used at the Plenipotentiary Conference (Dubai, 2018).

Decisions and resolutions revised by the Plenipotentiary Conference (Bucharest, 2022) retain the same number as before, followed by "(Rev. Bucharest, 2022)".

(A): Approved

(AR): Approved with reservations or statements in the summary record;   
see Declaration posted as [C-199-R2](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0199), and Additional declarations posted as [C-201](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0200).

(AWA): Approved with additional amendments made during plenary

(NOC): Approved without any changes

(REC): Approved Recommendation

(NOR): No Resolution (due to no consensus, disagreement)

*ADD = addition of a new decision, resolution*

*MOD = modification of an existing decision, resolution*

*SUP = abrogation of an existing resolution*

**5.2 Reference table**

The table below offers an overview of the documents of the PP-22 Resolutions that were revised and have an impact on ITU-T and list the corresponding WTSA-20 Resolutions. PP Resolutions that were not revised at PP-22 are not included in this table.

| **PP-Resolutions of relevance**  **to ITU-T/TSB (ADD/MOD/SUP/NOC proposals)** | **Contributions / Consolidated proposals and  other texts** | **WTSA Resolutions**  [**(Rev. Geneva, 2022)**](https://www.itu.int/pub/T-RES) | **ITU TSB Focal Point** |
| --- | --- | --- | --- |
| **11**  ITU TELECOM events  **Abrogated** | [C-193](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0193) (A, SUP)  [C-157](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0157) (A, REC#27) | **-** | Jinu Um |
| **21**  Measures concerning alternative calling procedures on international telecommunication networks | [C-155](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0155) (A, MOD) | 20[Procedures for allocation and management of international telecommunication numbering, naming, addressing and identification resources](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.20-2022)  29  [Alternative calling procedures on international telecommunication networks](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.29-2022)  65  [Calling party number delivery, calling line identification and origin identification](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.65-2022) | Robert Clark,  May Thi Aye |
| **25**  Strengthening the ITU regional presence | [C-167 (A, MOD)](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0167) | 18  [Principles and procedures for the allocation of work to, and strengthening coordination and cooperation among, the ITU Radiocommunication, ITU Telecommunication Standardization and ITU Telecommunication Development Sectors](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.18-2022)  44  [Bridging the standardization gap between developing and developed countries](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.44-2022)  54  [Creation of, and assistance to, regional groups](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.54-2022) | Alexandra Gaspari |
| **64**  Non-discriminatory access to modern telecommunication/infomation and communication technology facilities, services and applications, including applied research and transfer of technology, and e-meetings, on mutually agreed terms | [C-174](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0174) (A, MOD) | 69  [Non-discriminatory access and use of Internet resources](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.69-2022) | Alexander Ntoko |
| **66**  Documents and publications of the Union | [Doc 83 A16](https://www.itu.int/net4/proposals/PP22/Main/GetDocument?idProposal=162&isSub=true&codeLang=E) | 32  [Strengthening electronic working methods for the work of the ITU Telecommunication Standardization Sector](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.32-2022)  67  [Use in the ITU Telecommunication Standardization Sector of the languages of the Union on an equal footing and the Standardization Committee for Vocabulary](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.67-2022)  70 [Telecommunication/information and communication technology accessibility for persons with disabilities](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.70-2022)  73 [Information and communication technologies, environment, climate change and circular economy](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.73-2022) | Anibal Cabrera Montoya |
| **70**  Mainstreaming a gender perspective in ITU and promoting gender equality and the empowerment of women and girls through telecommunications/information and communication technologies | [C-154](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0154) (A, MOD) | 44[Bridging the standardization gap between developing and developed countries](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.44-2022)  55  [Mainstreaming a gender perspective in ITU Telecommunication Standardization Sector activities](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.55-2022)    89  [Promoting the use of information and communication technologies to bridge the financial inclusion gap](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.89-2022) | Florence Tunzi |
| **71**  Strategic plan for the Union for 2024-2027 | [C-196](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0196) (A, MOD) | 44  [Bridging the standardization gap between developing and developed countries](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.44-2022)  50  [Cybersecurity](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.50-2022)  52  [Countering and combating spam](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.52-2022)  68  [Evolving role of industry in the ITU Telecommunication Standardization Sector](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.68-2022)  90  [Open source in the ITU Telecommunication Standardization Sector](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.90-2022)  98 [Enhancing the standardization of Internet of things and smart cities and communities for global development](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.98-2022) | Martin Adolph |
| **72**  Linking strategic, financial and operational planning in ITU  **Abrogated** | - | - | Hugues Depoisier |
| **77**  Scheduling and duration of conferences, forums, assemblies and Council sessions of the Union (2019-2023) | [C-195](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0195) (AWA, MOD) | - | Paul Marko |
| **101**  Internet Protocol-based networks | [C-184](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0184) (A, MOD) | 20  [Procedures for allocation and management of international telecommunication numbering, naming, addressing and identification resources](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.20-2022)  47  [Country code top-level domain names](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.47-2022)  48 [Internationalized (multilingual) domain names](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.48-2022)  49  [ENUM](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.49-2022)  50  [Cybersecurity](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.50-2022)  52  [Countering and combating spam](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.52-2022)  64  [IP address allocation and facilitating the transition to and deployment of IPv6](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.64-2022)  69  [Non-discriminatory access and use of Internet resources](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.69-2022)  75  [The ITU Telecommunication Standardization Sector's contribution in implementing the outcomes of the World Summit on the Information Society, taking into account the 2030 Agenda for Sustainable Development](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.75-2022) | Martin Euchner |
| **102**  ITU's role with regard to international public policy issues pertaining to the Internet and the management of Internet resources, including domain names and addresses | [C-194](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0194) (A, MOD) | 20  [Procedures for allocation and management of international telecommunication numbering, naming, addressing and identification resources](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.20-2022)  47  [Country code top-level domain names](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.47-2022)    48  [Internationalized (multilingual) domain names](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.48-2022)  49  [ENUM](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.49-2022)  50  [Cybersecurity](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.50-2022)  52  [Countering and combating spam](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.52-2022)  64  [IP address allocation and facilitating the transition to and deployment of IPv6](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.64-2022)  69  [Non-discriminatory access and use of Internet resources](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.69-2022)  75  [The ITU Telecommunication Standardization Sector's contribution in implementing the outcomes of the World Summit on the Information Society, taking into account the 2030 Agenda for Sustainable Development](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.75-2022) | Martin Euchner |
| **123**  Bridging the standardization gap between developing and developed countries | [C-143](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0143) (A, MOD) | 2  [ITU Telecommunication Standardization Sector study group responsibility and mandates](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.2-2022)  18  [Principles and procedures for the allocation of work to, and strengthening coordination and cooperation among, the ITU Radiocommunication, ITU Telecommunication Standardization and ITU Telecommunication Development Sectors](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.18-2022)  32  [Strengthening electronic working methods for the work of the ITU Telecommunication Standardization Sector](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.32-2022)  44  [Bridging the standardization gap between developing and developed countries](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.44-2022)  54  [Creation of, and assistance to, regional groups](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.54-2022) | Mythili Menon |
| **130**  Strengthening the role of ITU in building confidence and security in the use of information and communication technologies | [C-197](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0197) (A, MOD)  [C-188-R1](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0188) (AR, REC3) | 50  [Cybersecurity](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.50-2022)  52  [Countering and combating spam](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.52-2022)  58  [Encouraging the creation of national computer incident response teams, particularly for developing countries](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.58-2022)  64  [IP address allocation and facilitating the transition to and deployment of IPv6](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.64-2022)  69  [Non-discriminatory access and use of Internet resources](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.69-2022)  **90**  [Open source in the ITU Telecommunication Standardization Sector](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.90-2022)  98  [Enhancing the standardization of Internet of things and smart cities and communities for global development](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.98-2022) | Xiaoya Yang |
| **133**  Role of administrations of Member States in the management of internationalized (multilingual) domain names | [C-184](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0184) (A, MOD) | 20 [Procedures for allocation and management of international telecommunication numbering, naming, addressing and identification resources](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.20-2022)  47  [Country code top-level domain names](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.47-2022)  48 [Internationalized (multilingual) domain names](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.48-2022)  49  [ENUM](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.49-2022)  50 [Cybersecurity](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.50-2022)  52 [Countering and combating spam](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.52-2022)  64 [IP address allocation and facilitating the transition to and deployment of IPv6](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.64-2022)  69 [Non-discriminatory access and use of Internet resources](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.69-2022)  75 [The ITU Telecommunication Standardization Sector's contribution in implementing the outcomes of the World Summit on the Information Society, taking into account the 2030 Agenda for Sustainable Development](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.75-2022)  90  [Open source in the ITU Telecommunication Standardization Sector](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.90-2022)  98  [Enhancing the standardization of Internet of things and smart cities and communities for global development](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.98-2022) | Simao Campos |
| **135**  ITU's role in the durable and sustainable development of telecommunications/information and communication technologies, in providing technical assistance and advice to developing countries and in implementing relevant national, regional and interregional projects | [C-123](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0123) (A, MOD) | 44 [Bridging the standardization gap between developing and developed countries](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.44-2022) | Mythili Menon |
| **136**  The use of telecommunications/ information and communication technologies for humanitarian assistance and for monitoring and management in emergency and disaster situations, including health-related emergencies, for early warning, prevention, mitigation and relief | [C-129](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0129) (A, MOD) | 100  [A common emergency number for Africa](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.100-2022) | Hiroshi Ota |
| **137**  Deployment of future networks in developing countries | [C-166](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0166) (A, MOD) | 44  [Bridging the standardization gap between developing and developed countries](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.44-2022)  92  [Enhancing the standardization activities in the ITU Telecommunication Standardization Sector related to non-radio aspects of international mobile telecommunications](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.92-2022)  93  [Interconnection of 4G, IMT-2020 networks and beyond](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.93-2022) | Tatiana Kurakova |
| **138**  The Global Symposium for Regulators |  | 40  [Regulatory aspects of the work of the ITU Telecommunication Standardization Sector](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.40-2022)  87  [Participation of the ITU Telecommunication Standardization Sector in the periodic review and revision of the International Telecommunication Regulations](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.87-2022) |  |
| **139**  Use of telecommunications/information and communication technologies to bridge digital the digital divide and build an inclusive information society | [C-197](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0197) (AR, MOD) | 44  [Bridging the standardization gap between developing and developed countries](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.44-2022)  92  [Enhancing the standardization activities in the ITU Telecommunication Standardization Sector related to non-radio aspects of international mobile telecommunications](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.92-2022)  93  [Interconnection of 4G, IMT-2020 networks and beyond](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.93-2022) | Mythili Menon |
| **140**  ITU's role in implementing the outcomes of the World Summit on the Information Society and the 2030 Agenda for Sustainable Development, as well as in their follow-up and review processes | [C-154](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0154) (A, MOD) | 50  [Cybersecurity](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.50-2022)  52  [Countering and combating spam](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.52-2022)  58  [Encouraging the creation of national computer incident response teams, particularly for developing countries](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.58-2022)  75  [The ITU Telecommunication Standardization Sector's contribution in implementing the outcomes of the World Summit on the Information Society, taking into account the 2030 Agenda for Sustainable Development](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.75-2022) | Martin Euchner,  May Thi Aye |
| **146**  Periodic review of the International Telecommunication Regulations | [TD/83](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-220926-TD-0083) (A, MOD) | 40  [Regulatory aspects of the work of the ITU Telecommunication Standardization Sector](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.40-2022)  87  [Participation of the ITU Telecommunication Standardization Sector in the periodic review and revision of the International Telecommunication Regulations](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.87-2022) | Martin Euchner,  May Thi Aye,  Xiaoya Yang |
| **154**  Use of the six official languages of the Union on an equal footing | [C-145](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0145) (A, MOD) | 67  [Use in the ITU Telecommunication Standardization Sector of the languages of the Union on an equal footing and the Standardization Committee for Vocabulary](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.67-2022) | Anibal Cabrera Montoya |
| **167**  Strengthening and developing ITU capabilities for fully virtual meetings and physical meetings with remote participation, and the electronic means to advance the work of the Union | [C-198](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0198) (A, MOD)  [C-189](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0189) (A, REC2) | 32  [Strengthening electronic working methods for the work of the ITU Telecommunication Standardization Sector](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.32-2022)  69 [Non-discriminatory access and use of Internet resources](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.69-2022)  73  [Information and communication technologies, environment, climate change and circular economy](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.73-2022) | Gent Bajrami,  Simao Campos |
| **169**  Admission of academia to participate in the work of the Union | [C-124](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0124) (A, MOD) | 68  [Evolving role of industry in the ITU Telecommunication Standardization Sector](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.68-2022) | Emile Armour-Heselton,  Alessia Magliarditi |
| **170**  Admission of Sector Members from developing countries to participate in the work of the ITU Radiocommunication Sector and the ITU Telecommunication Standardization Sector | [C-144](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0144) (A, MOD) | 59 (SUP)  74  [Enhancing participation of Sector Members from developing countries in the work of the ITU Telecommunication Standardization Sector](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.74-2022) | Emile Armour-Heselton |
| **175** Telecommunication/information and communication technology accessibility for persons with disabilities and persons with specific needs | [C-128](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0128) (A, MOD) | 44 [Bridging the standardization gap between developing and developed countries](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.44-2022)  70 [Telecommunication/information and communication technology accessibility for persons with disabilities](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.70-2022) | Kaoru Mizuno |
| **176**  Measurement and assessment concerns related to human exposure to electromagnetic fields | [C-144](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0144) (A, MOD) | 72  [Measurement concerns related to human exposure to electromagnetic fields](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.72-2022)  90  [Open source in the ITU Telecommunication Standardization Sector](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.90-2022)  98  [Enhancing the standardization of Internet of things and smart cities and communities for global development](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.98-2022) | Reyna Ubeda |
| **177**  Conformance and interoperability | [C-155](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0155) (A, MOD) | 76  [Studies related to conformance and interoperability testing, assistance to developing countries, and a possible future ITU Mark programme](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.76-2022)  96  [ITU Telecommunication Standardization Sector studies for combating counterfeit telecommunication/information and communication technology devices](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.96-2022)  98  [Enhancing the standardization of Internet of things and smart cities and communities for global development](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.98-2022) | Denis Andreev |
| **179**  ITU's role in child online protection | [C-154](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0154) (A, MOD) | 50  [Cybersecurity](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.50-2022)  52 [Countering and combating spam](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.52-2022)  58 [Encouraging the creation of national computer incident response teams, particularly for developing countries](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.58-2022) | Xiaoya Yang |
| **180**  Promoting deployment of Internet Protocol version 6 | [C-174](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0174) (A, MOD) | 64 [IP address allocation and facilitating the transition to and deployment of IPv6](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.64-2022)  69  [Non-discriminatory access and use of Internet resources](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.69-2022) | Denis Andreev,  Martin Euchner,  Xiaoya Yang,  Cristina Bueti,  Tatiana Kurakova |
| **182**  The role of telecommunications/information and communication technologies in regard to climate change and the protection of the environment | [C-154](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0154) (A, MOD) | 73  [Information and communication technologies, environment, climate change and circular economy](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.73-2022)  79  [The role of telecommunications/information and communication technologies in handling and controlling e-waste from telecommunication and information technology equipment and methods of treating it](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.79-2022) | Reyna Ubeda |
| **188**  Combating counterfeit and tampered telecommunication/information and communication technology devices | [C-173](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0173) (A, MOD) | 84  [Studies concerning the protection of users of telecommunication/information and communication technology services](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.84-2022)  96 [ITU Telecommunication Standardization Sector studies for combating counterfeit telecommunication/information and communication technology devices](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.96-2022) | Denis Andreev |
| **189**  Assisting Member States to combat and deter mobile device theft | [C-155](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0155) (A, MOD) | 84 [Studies concerning the protection of users of telecommunication/information and communication technology services](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.84-2022)  97  [Combating mobile telecommunication device theft](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.97-2022) | Denis Andreev |
| **191**  Strategy for the coordination of efforts among the three Sectors of the Union | [C-183](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0183) (A, MOD)  [C-157](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0157) (A, REC#30) | 18  [Principles and procedures for the allocation of work to, and strengthening coordination and cooperation among, the ITU Radiocommunication, ITU Telecommunication Standardization and ITU Telecommunication Development Sectors](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.18-2022)  44  [Bridging the standardization gap between developing and developed countries](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.44-2022)  45 (SUP) | Martin Euchner, Alexandra Gaspari |
| **196**  Protecting telecommunication service users/consumers | [C-155](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0155) (A, MOD) | 50  [Cybersecurity](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.50-2022)  52  [Countering and combating spam](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.52-2022)  58  [Encouraging the creation of national computer incident response teams, particularly for developing countries](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.58-2022)  87 [Participation of the ITU Telecommunication Standardization Sector in the periodic review and revision of the International Telecommunication Regulations](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.87-2022) | Denis Andreev |
| **197**  Facilitating the Internet of Things and smart sustainable cities and communities | [C-133](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0133) (A, MOD) | 76  [Studies related to conformance and interoperability testing, assistance to developing countries, and a possible future ITU Mark programme](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.76-2022)  90  [Open source in the ITU Telecommunication Standardization Sector](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.90-2022)  96  [ITU Telecommunication Standardization Sector initiatives to raise awareness on best practices and policies related to service quality](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.95-2022)  98  [Enhancing the standardization of Internet of things and smart cities and communities for global development](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.98-2022) | Cristina Bueti |
| **198**  Empowerment of youth through telecommunication/information and communication technology | [C-143](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0143) (A, MOD) | - | Emile Armour-Heselton |
| **200**  Connect 2030 Agenda for global telecommunication/information and communication technology, including broadband, for sustainable development | [C-143](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0143) (A, MOD) | 75 [The ITU Telecommunication Standardization Sector's contribution in implementing the outcomes of the World Summit on the Information Society, taking into account the 2030 Agenda for Sustainable Development](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.75-2022)  76 [Studies related to conformance and interoperability testing, assistance to developing countries, and a possible future ITU Mark programme](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.76-2022)  90  [Open source in the ITU Telecommunication Standardization Sector](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.90-2022)  96  [ITU Telecommunication Standardization Sector studies for combating counterfeit telecommunication/information and communication technology devices](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.96-2022)  98  [Enhancing the standardization of Internet of things and smart cities and communities for global development](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.98-2022) | Martin Euchner |
| **203**  Connectivity to broadband networks | [C-166](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0166) (A, MOD) | - | Hiroshi Ota |
| **204**  Use of information and communication technologies to bridge the financial inclusion gap | [C-133](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0133) (A, MOD) | 89 [Promoting the use of information and communication technologies to bridge the financial inclusion gap](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.89-2022) | Vijay Mauree |
| **205**  ITU's role in fostering telecommunication/information and communication technology-centric innovation to support the digital economy and society | [C-194](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0194) (A, MOD) | - | Martin Euchner |
| **206**  OTTs | [C-174](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0174) (A, NOC) | 2 [ITU Telecommunication Standardization Sector study group responsibility and mandates](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.2-2022)  44  [Bridging the standardization gap between developing and developed countries](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.44-2022) | Martin Euchner,  May Thi Aye |
| **208**  Appointment and maximum term of office for chairmen and vice-chairmen of Sector advisory groups, study groups and other groups | [C-179](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0179) (A, MOD) | 35 (SUP) | Martin Euchner |
| **209**  Encouraging the participation of small and medium enterprises in the work of the Union | [C-129](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0129) (A, MOD) | 59 (SUP)  74  [Enhancing participation of Sector Members from developing countries in the work of the ITU Telecommunication Standardization Sector](https://www.itu.int/pub/publications.aspx?lang=en&parent=T-RES-T.74-2022) | Emile Armour-Heselton |
| **Decision 5 (Annex 1 and 2)** Revenue and expenses for the Union for the period 2024-2027 | [C-193](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0193) (A, MOD) | - | Hugues Depoisier |
| **214** Artificial intelligence technologies and telecommunications/information and communication technologies | [C-154](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0154) (A, ADD) | - | Reinhard Scholl |
| **215**  Role of telecommunications/information and communication technologies in mitigating global pandemics | [C-184](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=S22-PP-C-0184) (A ADD) | - | Simao Campos |

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1. 3 See *requests the ITU Council* 3 below. [↑](#footnote-ref-1)