

This chart identifies issues, areas of concern, organizations impacted, etc., on a best-effort basis. Suggestions to improve this work are welcome.

The Internet Society has analysed outcomes of the 2018 ITU Plenipotentiary conference (PP'18) with the aim of helping ISOC Members identify those changes that may impact the future development of the Internet, including the Internet model and the organizations that co-operate to keep the Internet running.

See the Final Acts of the Plenipotentiary Conference, Dubai 2018 for all the documents approved at the conference.

#### Key to the matrix tables

Revised PP'18 Resolutions

New PP-18 Resolutions

New PP-18 Recommendations

#### Regional Proposals are designated by the acronym used by ITU:

AFCP - African Common Proposals

IAP - Inter-American Proposal

ACP - Asia-Pacific Common Proposal

ARB - Arab States Common Proposal

EUR - European Common Proposal

RCC - Common Proposals of the Regional Commonwealth in the

field of Communications

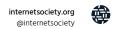
#### PP-18 key Resolutions on Internet issues

- Internet related public policy issues: 101, 102, 133, 178, 180
- <u>Cybersecurity, Confidence and security in the use of ICTs: 130, 181, 196</u>
- Child Online Protection and access to illegal information on the Internet: 174, 179, Rec. WGPL/1 (Human Trafficking)
- <u>WSIS+10, Digital Economy and SDGs</u>: 140, 200, 201, <u>WGPL/1</u> (financial inclusion), <u>WGPL/2</u> (digital economy)
- Role of Standardization and the ITU: 122, 123, 135, 178
- Digital Inclusion (Youth, Gender, Persons with Disabilities): 70, 175,

#### 198

- Access and infrastructure: 137, 139, 203
- Emerging technologies: 197, WGPL/3 (OTT)
- ITR Review and WTPF: 146, 2

#### Indexes



#### Resolutions Revised at PP'18

(top)(index)

Туре	RES	Title	Outcomes	Impact
Internet (top)(in	t related p			
MOD	Res 101	Internet Protocol-based networks  (top)(index)	<ul> <li>References         <ul> <li>UNGA 70/1, 70/125</li> <li>outcomes of the ITU-coordinated WSIS+10 HLE (2014) &amp; MPP</li> <li>WTDC Res. 77, mentioning ISOC, IX-F and regional IXP associations in establishing IXPs.</li> </ul> </li> <li>requests the three Sectors to increase collaboration with other organizations (not mentioned by name).</li> <li>retains increasing the role of ITU in Internet governance as the goal for greater collaboration and promotes greater participation by Member States in Internet governance (resolves 1)</li> <li>promotes affordable Internet connectivity (resolves 1, Instructs the SecGen 3)</li> <li>adds IXPs to resolves 6 which is a reference to Res. 23</li> <li>instructs the BDT Director:         <ul> <li>2 to promote awareness among Member States about the support available from ITU and from other relevant organizations to promote the development and deployment of IP-based networks;</li> <li>3 to provide the necessary information and best-practice guidance related to the implementation of this resolution;</li> <li>4 to coordinate actions to provide training and technical assistance with regard to the implementation of this resolution,</li> </ul> </li> </ul>	No major impact anticipated due to these changes.
MOD	Res 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	<ul> <li>Key Changes</li> <li>References         <ul> <li>UNGA 701/1, 70/125</li> <li>expanded reference to WSIS+10 HLE outcomes and MPP</li> <li>§§ 55-65 of UNGA Resolution 70/125</li> <li>results of the WGEC (when there are any) (recognizing further j)</li> </ul> </li> <li>NOC CWG-Internet: No changes to operation of either the CWG-Internet or its consultations.</li> <li>promotes participation in ITU and more cooperation (considering a)</li> </ul>	No major impact anticipated due to these changes.

Туре	RES	Title	Outcomes	Impact
		(top)(index)	<ul> <li>retains increasing the role of ITU in Internet governance as the goal for greater collaboration and promotes greater participation by Member States in Internet governance (resolves 1)</li> <li>promotes affordable Internet connectivity (resolves 1)</li> <li>TSB Director to report to TSAG in addition to Council (instructs the TSB Director 4)</li> <li>invites Member States:</li> <li>3 to support a resilient, inclusive and interoperable Internet that is accessible to all, and to strive to ensure universal and affordable Internet access for all citizens, including persons with specific needs, pursuant to Resolution 175 (Rev. Dubai, 2018) of this conference,</li> </ul>	
MOD	Res 133	Role of administrations of Member States in the management of internationalized (multilingual) domain names  (top)(index)	<ul> <li>References         <ul> <li>removed reference to SG16 (recalling a)</li> <li>Add UNGA Res 70/1, 70/125</li> </ul> </li> <li>adds "multistakeholder" to descriptors of the multilateral, transparent and democratic process (aware c)</li> <li>acknowledges challenges and difficulties (visually similar characters, implementing language-specific requirements in some scripts) in the rollout of IDNs (aware f &amp; g)</li> <li>retains increasing the role of ITU in Internet governance as the goal for greater collaboration and promotes greater participation by Member States in Internet governance (resolves), though it instructs the SecGen and Directors to explore greater collaboration (instructs the SecGen and Directors of Bureaux 3)</li> <li>promotes affordable Internet connectivity (resolves)</li> <li>invites Member States &amp; Sector Members (3): "to encourage Member States and Sector Members to consider how to further promote Universal Acceptance in respect of IDNs and to collaborate and coordinate in enabling the use of IDNs in the Internet."</li> </ul>	No major impact anticipated due to these changes.  For the term "Universal Acceptance" see https://www.icann.org/resources/pages/universal-acceptance-2012-02-25-en

Туре	RES	Title	Outcomes	Impact
NOC	Res 178	ITU role in organizing the work on technical aspects of telecommunication networks to support the Internet (Guadalajara, 2010)  (top)(index)	No Change.	
MOD	Res 180	Promoting deployment and adoption of IPv6 to facilitate the transition from IPv4 to IPv6  (top)(index)	<ul> <li>Key Changes</li> <li>Title: "FacilitatingPromoting deployment and adoption of IPv6 to facilitate the transition from IPv4 to IPv6"</li> <li>References:         <ul> <li>SDGs: UNGA 70/1,</li> <li>WSIS: UNGA 70/125, WSIS+10 HLE outcomes</li> </ul> </li> <li>notes the support and best practices available from other organizations (RIRs, NOGs, ISOC) in addition to ITU (noting c)</li> <li>retains increasing the role of ITU in Internet governance as the goal for greater collaboration and promotes greater participation by Member States in Internet governance (resolves 1)</li> <li>promotes affordable Internet connectivity (resolves 1)</li> <li>changes "transition" to "adopt" or "deploy" throughout Resolution.</li> <li>encourages manufacturers to supply "fully-featured" CPE that supports IPv6 in addition to IPv4 (invites Member States 4)</li> </ul>	No major impact anticipated due to these changes.  It isn't clear what "fully-featured" CPE means or what types of encouragement Member States will use.
Key Res		dealing with Cybersecurity		
MOD	Res 130	Strengthening the role of the ITU in building confidence and security in the use of information and communications technologies  (top)(index)	<ul> <li>Key Changes</li> <li>Reference</li> <li>UNGA Res 70/125, 71/199, 64.211</li> <li>PP'18 Res 196, 179,</li> <li>WTDC Res. 58, 67, 69</li> <li>outcomes of the ITU-coordinated WSIS+10 High Level Event</li> <li>deletes references to IMPACT (considering e, noting d), retaining reference to the ITU's cooperation with FIRST (noting d)</li> <li>supports and promotes a continuous, iterative, risk-based approach to cybersecurity, including in product development (considering h, resolves 1 &amp; 4,</li> </ul>	No major impact anticipated due to these changes.  Removed last reference to IMPACT from PP Resolutions.  Cybersecurity work will continue in ITU-T and ITU-D.

Type	RES	Title	Outcomes	Impact
			<ul> <li>instructs TSB Dir. 2, instructs BDT Dir. 10, further instructs TSB and BDT Dir 8, invites Member States, Sector Members, &amp; Associates 5)</li> <li>adds the need for and support for cooperation and collaboration between ITU and other organizations (considering n, invites Member States 6) in addition to existing calls for collaboration.</li> <li>acknowledges the challenges faced by developing countries and that "many developing countries are elaborating or implementing national cybersecurity strategies" (considering o, resolves 5, further instructs the TSB and BDT Director6&amp;7)</li> <li>considers the challenges SMEs face in implementing cybersecurity practices incorporate those into ITU's activities (considering r, resolves 9)</li> <li>supports development of and dissemination of best practices and case studies in cybersecurity (resolves 8, further instructs the TSB and BDT Director 3, invites Member States 5-7)</li> <li>supports work of ITU-T Study Groups, especially 17, and deployment of ITU-T Recommendations on cybersecurity (instructs BDT Director 7, further instructs TSB and BDT Dir 13)</li> <li>supports capacity-building and other activities in ITU and other relevant organizations in strengthening cybersecurity (resolves 5, instructs the SecGen and Directors of Bureaux 4, instructs BDT Director 6&amp;9)</li> <li>continues utilizing the Global Cybersecurity Agenda (GCA) framework to guide the work of the ITU (resolves 12)</li> <li>continue to share information and maintain the "ICT Security Standards Roadmap" and ITU-D's efforts on cybersecurity; (resolves 7, instructs the SecGen and Directors of Bureaux 6)</li> </ul>	
NOC	Res 181	Definitions and terminology relating to building confidence and security in the use of information and communication technologies (Guadalajara, 2010)  (top)(index)	No Change	

Туре	RES	Title	Outcomes	Impact
MOD	Res 196	Protecting telecommunication service users/consumers (top)(index)	<ul> <li>Key Changes</li> <li>References</li> <li>WTDC Res 84</li> <li>PP'18 Res 188 &amp; 189 on counterfeit equipment and mobile device theft</li> <li>UNGA Resolution 70/186 (Guidelines for Consumer Protection)</li> <li>focuses the work on good and best practices (resolves 2, considering a&amp;f, instructs BDT 4, invites Member States 2, 3 &amp; 6, invites Member States, Sector Members and Associates 1) especially in the following areas: <ul> <li>quality</li> <li>security</li> <li>prices &amp; tariffs</li> <li>protection of personal data (new in PP18)</li> </ul> </li> <li>emphasizes work on transparency and providing information to the consumer including regulatory measures and mechanisms (considering b &amp; c, invites the Member States 6)</li> <li>considers that regulatory policy measures are required to strengthen the rights of users and consumers (considering b)</li> <li>considers that access to telecom/ICTs must be inclusive including people with special needs (considering e)</li> <li>assist Member States in developing policies and/or regulations to protect the users/consumers of telecommunications/ICTs based on ITU-T Recommendations. (resolves 1, instructs the BDT Director 2 &amp; 4, invites Member States 1&amp;4)</li> <li>ITU-D should continue to lead the work on this issue (resolves 3)</li> </ul>	No major impact anticipated due to these changes.  Added personal data protection as an area of concern.  Encourages more work in ITU-D to help Member States develop policies and/or regulations for consumer protection.
Child O		ection and access to illegal in	nformation on the Internet	
NOC	Res 174	ITU's role with regard to international public policy issues relating to the risk of illicit use of information and communication technologies (Busan, 2014)  (top)(index)	No Change	

Type	RES	Title	Outcomes	Impact
MOD	Res 179	ITU's role in child online protection  (top)(index)	References  References  NINGA Res 70/1 (SDGs)  PP18 Res. 175  Council Resolution 1305 (CWG-Internet topics)  ITU-T Rec. E1100  supports continued work in ITU on child online protection, including work of CWG-COP and its consultations and the work on solutions in the ITU-T Study Groups, (requests the Council 1 & 4, taking into account a, instructs the TSB Director 2)  promotes use of ITU-T Recommendation E.1100, as appropriate, and supports establishment of help lines (recalling further d, instructs the TSB Director 2, invites Member States 7, invites Member States and Sector Members 2)  removes call for ITU-T SG2 to continue its work on a single global telephone number, for child online protection, promoting instead continued work on the allocation of a telephone number on a regional basis. (deletes instructs the TSB Director 2, adds new 4)  adds to existing promotion of best practices. (taking into account f)  additional call for development of tools for e.g., parents, guardians, educators and communities. (considering k, taking into account b, invites Member States 9, invites Sector Members 1 & 4)  invites Member States (70) "to involve communities and civil-society organizations in child online protection initiatives, socialization and campaigns" recognizes a need for mediation and mediation strategies in considering d & g.  invites Member States (6) to incorporate national COP frameworks into national cybersecurity strategies.  adds new clauses to support the collection and analysis of statistics on Child Online Protection, disaggregated by gender, to improve public policy development and to disseminate methodological frameworks. (invites the Member States 3, instructs the BDT Director 9, invites Members States 5&9, invites Sector Members 4)  Instructs the SecGen (3) "to maintain and promote the online repository of resources on child online protection efforts"  instructs the BDT Director (8) to assist developing countries in developing national COP strategies.  encourages CWG-COP to liaise with CWG-Interne	Replaces call for a single global phone number for a help line with continued work on allocation of a phone number on a regional basis, using ITU-T Recommendation E.1100.  Continues work on Child Online Protection (COP) in ITU (e.g., CWG-COP)  Could result in more work including COP in statistics and indicators.

Туре	RES	Title	Outcomes	Impact
			<ul> <li>children with disabilities and specific needs in the six official languages (instructs the Director of BDT 5)</li> <li>promotes collaboration and cooperate among all stakeholders in work on COP and cooperation among all ITU-T Study Groups (resolves 4 &amp; 5, instructs the TSB Director 3)</li> </ul>	
WSIS+10 (top)(in	_	Economy and SDGs		
MOD	Res 140	ITU's role in implementing the outcomes of the World Summit on the Information Society and in the overallthe 2030 Agenda for Sustainable Development, as well as in their follow-up and review by United Nations General Assembly of their implementation processe s"  (top)(index)	In 2015, the UNGA developed the Sustainable Development Goals (SDGs) as part of the 2030 Agenda for Sustainable Development (Resolution A/70/1) and held the High Level Meeting on the 10 year review of WSIS (Resolution A/70/125). PP'14 Resolution 140 was substantially revised to reflect these two events and to incorporate the SDGs into the WSIS process.  Key Changes  • Title: "ITU's role in implementing the outcomes of the World Summit on the Information Society and in the overallthe 2030 Agenda for Sustainable Development, as well as in their follow-up and review by United Nations General Assembly of their implementationprocesses"  • References  • UNGA Resolutions A/70/1 and A/70/125. (throughout)  • retains references to the outcomes of the ITU-coordinated WSIS+10 High Level Event (2014)  • recharters the WSIS/SDG Task Force "to formulate strategies and coordinate ITU's policies and activities in relation to WSIS, taking into account the 2030 Agenda for Sustainable Development" (considering further i, instructs the SecGen and Directors of Bureaux 1);  • frames ITU's role implementing the WSIS outcomes and SDGs as focusing on telecom/ICTs. (resolves 1)  • resolves to use the WSIS framework to achieve 2030 Agenda (no new framework needed) (considering further j, resolves 6)  • continues ITU roles  • lead facilitator role for Action Lines C2, C5 and C6. (resolves 4)  • provide input into Action Lines C1, C3, C4, C7, C8, C9 and C11 (resolves 6 ii)  • coordinate & support the Partnership for Measuring ICT for Development (resolves 3)  • coordinate the WSIS Forum (resolves 3)	Will continue current ITU roles related to WSIS.  Integrates work on achieving the SDGs into the WSIS process in ITU.

Type	RES	Title	Outcomes	Impact
			<ul> <li>coordinate World Telecommunication and Information Society Day Forum (resolves 3)</li> <li>coordinate WSIS Project Prizes (resolves 3)</li> <li>maintain WSIS Trust Fund (instructs SecGen 10)</li> <li>adds the SDGs to the progress report submitted to PP'22 (resolves 11)</li> <li>instructs the SecGen (3) to report progress on WSIS Action Lines annually to CSTD/ECOSOC and CWG-WSIS/SDG</li> <li>instructs the SecGen (4) to contribute annually on ITU activities to ECOSOC HLPF &amp; quadrennially to the UNGA HLPF. (ref UNGA A/70/1) and Council (through CWG-WSIS/SDG)</li> <li>renames the CWG-WSIS to CWG-WSIS&amp;SDG and recharters it (requests the Council 3)</li> <li>examine ways to finance and maintain the WSIS Forum website in all six official languages of the UN. (requests the Council 8)</li> <li>review and improve rules and guidelines of the WSIS Prizes through the CWG-WSIS&amp;SDG (requests the Council 9)</li> </ul>	
MOD	Res 200	Connect 2020 Agenda for global telecommunication/ information and communication technology development  (top)(index)	<ul> <li>Key Changes</li> <li>Title: "Connect 20230 Agenda for global telecommunication/information and communication technology, including broadband, for sustainable development"</li> <li>The goals and targets of the Connect 2020 Agenda (Res. 200, PP14) have been incorporated into the ITU Strategic Plan (PP'18 Resolution 71) and have been deleted from Resolution 200.</li> <li>endorses and extends the Connect 2020 Agenda to 2030 and renames to Connect 2030 Agenda (throughout)</li> <li>updates and aligns with 2030 Agenda for Sustainable Development (UNGA Res. A/70/1) and the WSIS process</li> <li>References the UNGA's 10 year WSIS review (UNGA Res 70/125) and outcomes of ITU-coordinated WSIS+10 HLE.</li> </ul>	No major impact anticipated due to these changes.  Will need to track impact through the ITU Strategic Plan (PP'18 Resolution 71)
MOD	Res 201	Creating an enabling environment for the deployment and use of information and communication technology applications  (top)(index)	<ul> <li>Key Changes</li> <li>References         <ul> <li>Update dates for references</li> <li>UN's 2030 Agenda for Sustainable Development (UNGA Res. 70/1)</li> </ul> </li> <li>instructs the BDT Director to continue elaborating the ICT Development Index and the ICT Price Basket (new) (instructs the BDT Director 1)</li> <li>adds national and regional organizations and academia for cooperation and coordination (invites Member States, Sector Members, Associates and Academia 4)</li> </ul>	No major impact anticipated due to these changes.

Туре	RES	Title	Outcomes	Impact		
	Role of standardization and the ITU (top)(index)					
NOC	Res 122	The evolving role of the World Telecommunication Standardization Assembly (Guadalajara, 2010)  (top)(index)	No Change.			
MOD	Res 123	Bridging the standardization gap between developing and developed countries  (top)(index)	<ul> <li>Key Changes</li> <li>updates resolution for meetings/conferences since 2014 (e.g., WTSA'16, WTDC'17)</li> <li>adds reference to the Strategic Plan (Res 71), specifically outcome T.2-1 of TSB to promote the active participation of membership. (considering)</li> <li>recognizes the difficulty of developing countries in participating. (recognizing c)</li> <li>resolves to instruct the SecGen and Directors "to effectively consolidate all guidelines, recommendations, technical reports, best practices and use cases developed by ITU-R and ITU-T, through the utilisation of the ITU web-based tools" (resolves to instruct the SecGen and Directors10)</li> <li>encourages creation of national and regional standards bodies, including National Standardization Secretariats and their involvement in ITU standardization activities. (invites Member States 1 &amp; 3)</li> <li>encourages national SMEs and academia actors to participate in ITU standardization activities (invites Member States from developing countries 5)</li> <li>invites Member States to host regional group and study group meetings and other events (e.g., fora, workshops) related to ITU standardization, especially in developing countries. (invites Member States 4)</li> <li>proposes to prioritize fellowships for participants from developing countries for those submitting contributions. (resolves to instruct the SecGen and Directors4)</li> <li>promotes collaboration at the regional level ((resolves to instruct the SecGen and Directors7)</li> <li>resolves to instruct the SecGen and Directors (8) "to promote equal access to ITU electronic meetings through the use of remote participation"</li> <li>See "Bridging the Standardization Gap - Guidelines on the Establishment of a National Standardization Secretariat for ITU-T" (2014)</li> </ul>	Could impact companies and organizations that need to monitor and potentially participate in all the new standards bodies.  Monitor for fragmented national standards and national standards as market barriers.		

Туре	RES	Title	Outcomes	Impact	
SUP	Res 135	ITU's role in the durable and sustainable development of telecommunications/inf ormation and communication technologies, in providing technical assistance and advice to developing countries and in implementing relevant national, regional and interregional projects  (top)(index)	<ul> <li>Title: "ITU's role in the <u>durable and sustainable</u> 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"</li> <li>ties the ITU's work into the 2030 Agenda for Sustainable Development (UNGA Res. A/RES/70/1), as well as development of Digital Economy (e.g., recalling d, considering i &amp; k, recognizing d, resolves 1v, instructs the SecGen 2)</li> <li>emphasizes importance, especially for developing countries, of (considering b, recognizing a-c, resolves 1 iv &amp; v)</li> <li>backward compatibility,</li> <li>coexistence of new technology with existing technology and</li> <li>a durable, sustainable infrastructure,</li> <li>raises the issue of environmental protection and technology migration minimizing environmental impact. adds environmental concerns (resolves 1 vi, instructs the SecGen 2)</li> <li>instructs the ITU SecGen to disseminate best practices on digital transition (instructs the SecGen 2)</li> <li>ties ITU's role in implementing the SDGs to "wider extension of collaboration and partnership with other key sectors highlighted under the SDGs" (considering k)</li> <li>encourages entities involved in achieving the 2030 Agenda to "to participate in projects and programs as well as to become a member of the ITU" (instructs the SecGen 3)</li> <li>resolves that the ITU should assist countries with their infrastructure development and technology migration plans (resolves 1 vi).</li> <li>resolves to base technological evolution on ITU-T and ITU-R Recommendations (resolves 1 iv)</li> </ul>	No major impact or changes anticipated due to these changes.  continues emphasis on durability of products and cost of migration to new technology.  This also ties into concerns over e-waste (environmental impact).	
_	oigital Inclusion (Youth, Gender, Persons with Disabilities)  top)(index)				
MOD	Res 70	Mainstreaming a gender perspective in ITU and promotion of gender equality and the empowerment of	<ul> <li>Key Changes</li> <li>Title: "Mainstreaming a gender perspective in ITU and promotion of gender equality and the empowerment of women through telecommunications/information and communication technologies"</li> <li>references (dates, etc.)</li> </ul>		

Туре	RES	Title	Outcomes	Impact
		women through telecommunications/inf ormation and communication technologies  (top)(index)	<ul> <li>SDGs (UNGA Res 701/1), especially SDG 5</li> <li>The WSIS 10 year review (UNGA Res 70/125)</li> <li>Add reference to ECOSOC Agreed Conclusions 1997-2</li> <li>UNGA Res. 72/234 (UN SecGen's commitment to achieving full gender parity across the United Nations system)</li> <li>Agreed Conclusions of the 61st and 62nd sessions of the Commission on the Status of Women</li> <li>The EQUALS Global Partnership</li> <li>ITU Gender task Force</li> <li>Increased focus on gender equality.</li> <li>encourages Member States to "strengthen educational policies and study plans in science and technology"</li> <li>encourages "gender-balanced representation in delegations to ITU conferences, assemblies and other meetings, as well as in candidatures for leadership roles"</li> <li>gives priority to gender parity (instead of balance) for "posts in the Professional and higher categories in ITU, particularly in senior positions"</li> <li>Increases to 50% the target for women candidates at each stage of recruiting (instructs the SecGen 4) (also Res. 48 annex 2)</li> <li>instructs the SecGen to make sure that "each short-list submitted to the SecGen for appointment includes at least one woman"</li> <li>explore options for a mentorship program (instructs SecGen &amp; Directors)</li> <li>ensure gender balance in fellowships.</li> <li>maintain ITU website in all six official UN languages.</li> <li>GEM-TECH Award is replaced with EQUALS Tech Awards.</li> </ul>	Continued collaboration with and support for EQUALS ((http://www.equals.org)  Focus on gender parity or gender equality instead of "gender balance" strengthens resolution.  Increasing the target for women candidates to 50% will affect the recruiting in ITU.
MOD	Res 175	Telecommunication/ information and communication technology accessibility for persons with disabilities and persons with specific needs  (top)(index)	<ul> <li>Key Changes</li> <li>references</li> <li>include work of SG20 (recalling c)</li> <li>RA Resolution 67</li> <li>WTDC Resolution 58</li> <li>WTDC Buenos Aires Declaration</li> <li>UNGA HLM on WSIS (recognizing e)</li> <li>the Intersector Rapporteur Group on Audiovisual Media Accessibility (recalling d)</li> <li>adds "persons with specific needs" where it already isn't included throughout the Resolution.</li> <li>include civil society in considering e on the importance of cooperation.</li> <li>strengthens language on steps to take for accessibility to ITU meetings, information, etc., e.g., accessible websites, sign language (e.g., recognizing b &amp; i,</li> </ul>	The term "persons with disabilities and persons with specific needs" was standardized The major change in the resolution is that allowed for persons who are deaf to have sign language interpreters. This was never in the resolution  UNHCR has described groups with specific needs here: https://emergency.unhcr.org/entry/125333/identifying-personswith-specific-needs-pwsn

Type	RES	Title	Outcomes	Impact
MOD	Res	Empowerment of youth	<ul> <li>resolves 4, instructs the SecGen in consultation with Bureaux Directors 2)</li> <li>adds persons who prepare public policies to the dialog regarding statistics (resolves 2)</li> <li>strengthens recognition of JCA-AHF including instructing the SecGen to use it when coordinating work (recognizing a, noting, instructs the SecGen, in consultation 1 &amp; 7, invites Member States and Sector Members 3)</li> <li>provide annual reports to Council in addition to plenipotentiary. (instructs the SecGen, in consultation 13)</li> <li>instructs the SecGen "to promote the collection and analysis of statistical data on disabilities and accessibility to telecommunications/ICTs". (instructs the SecGen, in consultation 14)</li> <li>promotes coordination, cooperation and sharing of best practices on accessibility (invites Member States and Sector Members 6, instructs the SecGen)</li> <li>provide necessary financial and human resources for the integration of ICT accessibility into development activities, within budgetary constraints (resolves 5),</li> <li>Key Changes</li> </ul>	This resolution could require the ITU to provide more accessibility for e.g., meetings & website which could affect (or be limited by) the budget.  The Annual report can facilitate work on issues each year without having to wait 4 years as it was in the last plenipot  Promotion of statistical data on accessibility could affect the activity on telecom/ICT indicators. These topics are currently not included in the Core list of indicators
MOD	198	through telecommunication/ information and communication technology  (top)(index)	<ul> <li>adds reference to UNGA Res. 70/1 (SDGs)</li> <li>delete resolves 8 "to maintain the ITU Telecom World Young Innovators         Competition on a yearly basis;"</li> <li>updates the data relating to use of the Internet by youth (considering a)         invites Member States and Sector Members (2) to build "digital competences among youth through educational campaigns;"</li> </ul>	to these changes.
Access (top)(inc	and Infras dex)	structure		
MOD	Res 137	Next-generation network deploymentDeployment of future networks in developing countries (top)(index)	<ul> <li>Key Changes</li> <li>Title: "Next-generation network deployment Deployment of future networks in developing countries"</li> <li>references, e.g.,</li> <li>PP'18 Res 139,</li> <li>WTSA Res. 92 &amp; 93,</li> <li>WTDC Res. 43</li> <li>UNGA A/RES/70/1 (SDGs)</li> <li>A/RES/70/125 (WSIS+10)</li> <li>supports work of the ITU related to the development of new technologies, IMT-</li> </ul>	Supports continued work in ITU

Type	RES	Title	Outcomes	Impact
			<ul> <li>2020 networks and beyond, FG NET-2030, etc.</li> <li>coordinate studies and programs related to IMT-2020 networks and beyond conducted by ITU-R and by SG 11 and 13 of ITU-T (resolves to instruct 2)</li> <li>recognizes the difficulty developing countries have in upgrading networks to keep up with technology evolution while still recovering investment in existing network. (taking into account c)</li> <li>calls to cooperate with regional and international financial institutions, vendors, telecom operators and other partners to ensure sustainable financing of cooperation programs. Retains reference to NGN in addition to future networks. (instructs the Secretary-General and the BDT 1, invites regional and international financial organizations)</li> <li>replaces "NGN" with "future networks".</li> <li>references the high cost of satellite and fibre-optic cables, especially for landlocked countries (noting h/l)</li> <li>recognizes that implementation of future networks can have a positive impact on the environment. (recognizing c)</li> <li>recognizes that a digital divide can exist within a country (urban and rural) as well as between countries. (recognizes b)</li> <li>notes that the cost of transit or backhaul bandwidth remains a challenge for developing countries (noting e)</li> </ul>	on future networks and IMT-2020.  Could impact financial institutions, vendors, operators and others depending on how financing of referenced cooperation programs is implemented.
MOD	Res 139	Use of telecommunications/information and communication technologies to bridge the digital divide and build an inclusive information society  (top)(index)	<ul> <li>References</li> <li>Preamble to ITU Constitution on sovereign right of states to regulate its telecommunication.</li> <li>WTDC Resolution 30</li> <li>ITU-T Recommendation D.53</li> <li>WTDC Resolution 23</li> <li>UNGA Resolution 70/125 (WSIS+10 review)</li> <li>encourages measures necessary to achieve digital inclusion, such as</li> <li>enhance the connectivity of international telecommunications networks (recalling g, considering d)</li> <li>deploy broadband to reduce costs and make services affordable, (considering g &amp; h, resolves 6)</li> <li>strengthen regulatory and public policy frameworks to serve remote, unserved or underserved areas. (considering f, mindful a, resolves 5)</li> <li>promotes development of low-cost equipment for deployment in unserved or underserved areas (considering further k)</li> <li>promotes sharing best practices and regulatory experiences to promote</li> </ul>	No major impact anticipated due to these changes.  Supports ongoing work in ITU-D  Note PP'18 did not accept the CITEL proposal to recognize small, community operators.  New work in ITU on the "new industrial revolution" could overlap work in other organizations such as ISO/IEC (e.g., Smart Manufacturing)  Note the June, 2017 issue of ITU News Magazine on infrastructure sharing:

Type	RES	Title	Outcomes	Impact
			<ul> <li>investment and broadband deployment (considering g, instructs BDT Director 4)</li> <li>provide assistance (e.g., learning, joint programs, capacity building programs) for developing countries in encountering the "new industrial revolution" (instructs BDT Director 10)</li> <li>promotes the sharing of telecommunication infrastructure, e.g., through guiding principles for best practices (considering further m, instructs BDT Director 6)</li> </ul>	https://www.itu.int/en/itunews/ Documents/2017/2017- 06/2017_ITUNews06-en.pdf  A World Bank view: http://pubdocs.worldbank.org/en/533261452529900341/WDR16- BP-Infrastructure-Mutualisation- Garcia.pdf
203 E		Connectivity to Broadband Networks  (top)(index)	<ul> <li>References         <ul> <li>UNGA Resolution 70/1 (SDGs)</li> <li>UNGA Resolution 70/125 (WSIS+10 review)</li> <li>PP18 Resolution 71 (Strategic Plan)</li> <li>RA15 Resolution 69</li> <li>2030 Agenda for Sustainable Development, especially target 9.c</li> <li>Objective 2 of the Buenos Aires Action Plan</li> </ul> </li> <li>notes that national broadband plans play an important role for social, economic, cultural and environmental development." (noting a &amp; d)</li> <li>highlights the importance of the enabling regulatory and policy environment to stimulate investment in broadband deployment, (recognizing d, invites Member States 5)</li> <li>notes the importance of broadband to enable services and applications, Internet access at affordable prices for underserved communities to bridge the digital divide. (noting b)</li> <li>invites Member States</li> <li>(4) to facilitate connectivity to satellite and terrestrial broadband networks, including enabling access to spectrum, as appropriate"</li> <li>(6) to share best practices and contribute to ITU studies.</li> <li>resolves "to work towards providing broadband access for all" (resolves)</li> </ul>	No major impact anticipated due to these changes  Supports continuing current work.  Note: CITEL proposal to include community participation. was not accepted.  Calls for enabling access to spectrum, important in ITU-R.
Emergii (top)(in	-	logies (IoT, etc.)		
MOD	Res 197	Facilitating the Internet of Things to prepare for a globally connected worldand smart sustainable cities and communities	<ul> <li>Key Changes</li> <li>Title: "Facilitating the Internet of Things to prepare for a globally connected world and smart sustainable cities and communities"</li> <li>References</li> <li>WTDC'17 Resolution 85,</li> <li>WTSA'16 Resolutions 90 &amp; 98,</li> </ul>	The changes don't initiate new work and encourages collaboration and cooperation with other organizations, but

Туре	RES	Title	Outcomes	Impact
		(top)(index)	<ul> <li>RA'15 Resolution 66,</li> <li>PP'18 Resolutions 71, 130, 139, 176, 200, &amp; 201</li> <li>WRC'15 Resolution 958</li> <li>SDGs 9 &amp; 11</li> <li>WTDC'17 Buenos Aires Declaration</li> <li>Added to list of fields for which IoT is playing a fundamental role: management of urban and rural spaces and smart and sustainable cities and communities (SSCCs), emergencies and crisis management (considering d)</li> <li>acknowledges that IoT supports a wide variety of applications and use cases and a wide range of verticals and industries including non-IcT sectors with different requirements (considering e, recognizing h, bearing in mind c)</li> <li>that industry forums, consortia and other SDOs are working on IoT (considering f)</li> <li>recognizes the ongoing work and outcomes of the ITU, ITU-R, ITU-D, ITU-T (recognizing a-c, g, j, taking into account a-e), especially</li> <li>ITU-T Study Groups 20, 17, 16, 13, 11, 5, 3 and 2,</li> <li>ITU-B Study Group 5</li> <li>United for Smart and Sustainable Cities initiative</li> <li>JCA-IOT/SCCs</li> <li>encourages collaboration and cooperation with other relevant organizations (considering f, recognizing d, bearing in mind d, Instructs the SecGen3)</li> <li>continue the study of IoT in ITU. (resolves 2, instructs the TSB Director, instructs the BR Director</li> <li>encourages Member States to develop enabling frameworks, such as ICT strategies, for IoT and SSCCs, (instructs the BDT Director)</li> <li>encourages development of best practices and guidelines and sharing experiences (Instructs the SecGen 3, invites ITU membership 1&amp;3</li> </ul>	supports continuing work on IoT in ITU and leaves open expansion of that work in the future.
Review (top)(inc	of ITRs ar dex)	nd WTPF		
MOD	Res 146	Periodic review and revision of the International Telecommunication Regulations	<ul> <li>Key Changes</li> <li>References</li> <li>Final report of the Expert Group on ITRs (EG-ITRs)</li> <li>No WCIT before PP'22.</li> <li>resolves the ITRs should be reviewed regularly and to conduct a review (resolves 1 &amp; 2)</li> </ul>	Review of the ITRs will continue in the EG-ITR over next four years.  The debate over the terms of

Type	RES	Title	Outcomes	Impact
		( <u>top</u> )( <u>index</u> )	<ul> <li>reconvenes the EG-ITR to review the ITRs (Instructs the SecGen, instructs the Council, instructs the Directors of the Bureaux, invites the PP'22 conference),</li> <li>open to Member States and Sector Members</li> <li>with contribution from the Directors of the Bureaux,</li> <li>terms of reference established by Council 2019</li> <li>reports annually to Council with final report (through Council) to PP'22 for any necessary action</li> </ul>	reference of the EG-ITR will continue in ITU Council 2019.  Internet organizations, operators and others affected by ITRs will need to monitor Council 2019.
MOD	Res 2	World telecommunication/ information and communication technology policy forum  (top)(index)	<ul> <li>References         <ul> <li>References</li> <li>Include references for the outcome documents of the ITU-hosted WSIS+10                 High Level Event (3/2014). There was a repeated debate of whether this was superseded by UNGA Resolution 70/125. (considering b)</li> <li>PP'18 Resolution 77</li> </ul> </li> <li>Resolves to hold a WTPF in 2021, preferably back-to-back with WSIS Forum. (resolves 1)</li> <li>Includes the views of Associates, Academia and other stakeholders in preparatory process (resolves 9)</li> <li>Council will decide on the preparatory process, including participation open to Member States and Sector Members with online public consultations open to all stakeholders (instructs Council 2, 3)</li> <li>The proposal to include in Resolution 2 the multistakeholder Expert Group process used for the last WTPF was not accepted, but there was agreement to take into account past practices (resolves 5, 8, instructs the Council 3).</li> <li>Council will continue to decide the duration, date, venue, agenda and themes of WTPF (NOC instructs the Council 1)</li> </ul>	Resolves to hold a WTPF in 2021.  Debate on the themes for the WTPF and the preparatory process will continue in Council 2019.  Internet organizations will need to monitor Council 2019 and participate in the prep process.

#### Resolutions Added at PP'18

(top) (index)

Туре	RES	Title	Outcome	Impact
ADD	WGPL/1	Use of information and communication technologies to bridge the financial inclusion gap (top)(index)	References Council Resolution 1353 PP'18 Resolution 70 UNGA Resolution 70 UNGA Resolution 89 2017 World Bank Global Findex Study Focus Group Digital Financial Services (FG DFS) report ITU-T Study Group 3 Technical Report on the DFS Glossary (2018) Financial Inclusion Global Initiative (FIGI) ITU-T Focus Group on Digital Currency (FG DFC) continues studies in ITU-T and ITU-D of financial services including economic and policy issues, developing standards, recommendation and guidelines (resolves 1, instructs the relevant study groups of the ITU-T 182, invites Member States, Sector Members and Associates 1) including interoperability digitization of payments consumer protection quality of service data monetization agents and network security encourages collaboration between telecom regulators and financial services authorities to develop and implement standards and guidelines (resolves 2) between telecom regulators, financial regulators and Central Banks (instructs the relevant study groups of the ITU-T 3) with other SDOs and institutions (instructs the relevant study groups of the ITU-T 28.4) between Directors of TSB and BDT (instructs the Directors of	This new resolution supports current work and encourages further work in ITU on financial inclusion (digital financial services).  See the ITU News issue on financial inclusion.  https://news.itu.int/itus-contribution-digital-financial-inclusion/  Organizations involved in digital financial services should at least monitor this work.

Туре	RES	Title	Outcome	Impact
			<ul> <li>TSB and BDT 1)</li> <li>between ITU Sec Gen and other entities within UN and elsewhere on international efforts (invites the SecGen)</li> <li>encourages development of national strategies for financial inclusion and to leverage ICTs (invites Member States 2)</li> <li>includes gender equality as a goal (invites Member States 3)</li> <li>encourages new regional initiatives (invites Member States 4)</li> <li>supports best practices on digital inclusion and establish methods for peer learning, experience-sharing and dialog. (considering d&amp;e, noting c, instructs the relevant study groups of the ITU-D, instructs the Directors of TSB and BDT 2)</li> </ul>	
ADD	WGPL/2	ITU's role in fostering telecommunication/ information and communication technology-centric innovation to support the digital economy and society  (top)(Index)	<ul> <li>Key Points</li> <li>References         <ul> <li>PP'18 Resolution 198</li> <li>UNGA Resolution 70/1</li> <li>UNGA Resolution 70/125</li> <li>UNGA Resolution 68/220</li> </ul> </li> <li>calls to foster innovation in the deployment of telecom/ICT infrastructure and promote and enabling environment for innovation to support the digital economy (resolves 1 &amp; 2, instructs the BDT Director 1, invites Member States)</li> <li>supports collaboration and cooperation (Instructs the SecGen 1) in particular</li> <li>with other UN agencies and other organizations "to assist Member States in providing capacity building related to digital skills," (resolves 3)</li> <li>with other related international and regional organizations on enhancing the Digital Skills Toolkit (instructs the BDT Director 2)</li> <li>with other related organizations on the measurement of digital economy development (instructs the BDT Director 4)</li> <li>calls "to consolidate all guidelines, recommendations, technical reports and best practices developed by all the Sectors that facilitate telecommunication/ICT-centric innovation and its contribution to development of the digital economy" (instructs the BDT Director 3)</li> <li>encourages and supports involvement of Small and Medium Enterprises (SMEs) in the work on the digital economy (resolves 2, instructs the TSB and BR Director 2, invites Member States 3, invites Member States, Sector Members, Associates and</li> </ul>	New resolution doesn't kick off any specific new work, but supports work on the SDGs and continues studies related to the "digital economy".

Туре	RES	Title	Outcome	Impact
			<ul> <li>Academia 2)</li> <li>support "telecommunication/ICT-centric innovation ecosystems through encouraging competition, innovation, private investment and public-private partnerships" (invites Member States 1)</li> </ul>	
ADD	WGPL/3	OTTs (top)(Index)	<ul> <li>Key Points</li> <li>Note: The acronym OTT is expanded to "over-the-top" in the reference to WTSA'16 Resolution 2 in recalling a. There is no definition provided in the Resolution (the ITU-T report referenced below provides a working definition for use in the report).</li> <li>References <ul> <li>WTSA'16 Resolution 2 &amp; 44</li> <li>PP'18 Resolution 123</li> <li>Preamble to the ITU Constitution on " the sovereign right of each State to regulate its telecommunication" (recognizing b)</li> <li>5th Open Consultation to CWG-Internet and Final Report of CWG-Internet 10th meeting. (recognizing further b &amp; c)</li> <li>ITU-T Technical Report on economic Impact of OTTs</li> <li>ITU-D Report on policy, regulatory and technical aspects of the migration from existing networks to broadband networks in developing countries</li> </ul> </li> <li>continues studies in ITU on OTT aspects (resolves 2), particularly technical, economic and policy aspects, which may have international considerations (considering d, instructs the TSB Director), and in ITU-T Study Groups 3 &amp; 17 and ITU-D Study Group 1, especially Q3/1 (recognizing further a &amp; d)</li> <li>encourages and emphasizes cooperation and collaboration with other organizations and stakeholders to further the objectives of the resolution (considering c, noting, Instructs the SecGen 1 &amp; 2, Instructs the SecGen 1 &amp; 2, invites Member States &amp; Sector Members 2)</li> <li>promotes capacity-building, sharing of best practices and technical guidance concerning OTTs especially for developing countries (noting 3, resolves 3, Instructs the SecGen 2)</li> </ul>	This resolution confirms that ITU has a role in at least some applications that run over the Internet. Current studies have focused on OTT services that effectively replace legacy telecommunication services (e.g., VoIP/telephony, instant messaging/SMS).  It supports continuation of the work in ITU on OTT, particularly technical, economic and policy aspects.

#### **New PP-18 Recommendations**

(top)(index)

Type	Recommendation	Title	Key Points	Impact
Type ADD	Recommendation WGPL/1	Title  Strengthening the role of ITU in the use of ICTs in combating global human trafficking  (top)(index)	Key Points  Key Points:  recommends Member States work with ITU to improve national infrastructure and connectivity rates to facilitate the use of ICT tools to combat trafficking. (recommends 1) engage with relevant organizations to understand ICT needs for combating trafficking (recommends 2) promotes collaboration with other relevant organizations and UN agencies, to combat trafficking, avoiding duplication of work. (instructs the SecGen 1)	Impact  Though not a resolution, further proposals could be brought to the sectors.

#### Other Results

#### ARG\_CAN\_CTR\_DOM\_68\_1 - Gender Mainstreaming

Recommendation 7: Committee 5 recommends that the Plenary adopt the following text:

This Plenipotentiary Conference (PP) acknowledges the need to foster the participation of women in all ITU decision-making processes as a way to promote more women to become candidates for the elected positions of the Union in accordance with No. 154 of the ITU Constitution.

Accordingly, PP instructs the Council to:

- 1 study mechanisms towards having more women in leadership and management positions, especially in relation to the electoral process;
- conduct the work necessary for amending the specific rules of procedure for the election of the Secretary-General, the Deputy Secretary-General and the Directors of the Bureaux for the implementation of this recommendation and to present a report to the 2022 Plenipotentiary Conference,

#### PP invites Member States to:

- 1 encourage the participation of women in all ITU activities, and especially in the decision-making processes;
- promote and present women candidates for the posts of Secretary-General, Deputy Secretary-General, Directors of the Bureaux, and members of the Radio Regulations Board.

#### EUR/48A2/7 - Strengthening the Output of the International Telecommunication Union

#### Recommendation 8:

PP-18 invites the World Telecommunication Standardization Assembly to review, in the context of Article 3 of the ITU Constitution, and revise, as appropriate, WTSA Resolution 1, WTSA Resolution 2, WTSA Resolution 22 and WTSA Resolution 54 to clarify the criteria for creation, participation and termination of regional groups of Study Groups, and the role of TSAG in this regard.

#### Index

(top)

	Mapping of	Proposals to	Resolutions							
RES	CEPT	CITEL	ATU	APT	RCC	ARB	CHN	В	CAF	IND
2		IAP/63A1/20				ARB/72A1/1				
70	EUR/48A1/10	IAP/63A1/37	AFCP/55A1/2	ACP/64A1/7						
101	EUR/48A1/7	IAP/63A1/38		ACP/64A1/10		ARB/72A1/7				
102	EUR/48A1/8	IAP/63A1/33	AFCP/55A3/2	ACP/64A1/11	RCC/62A1/5	ARB/72A1/8				
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123			AFCP/55A3/3	ACP/64A1/12		ARB/72A1/9				
130	EUR/48A1/2	IAP/63A1/35	AFCP/55A1/3	ACP/64A1/13		ARB/72A1/11		B/67/4		
133	EUR/48A1/1	IAP/63A1/48	AFCP/55A3/4			ARB/72A1/13				
135			AFCP/55A2/3	ACP/64A1/15		ARB/72A1/14				
137	EUR/48A2/18		AFCP/55A4/7		RCC/62A1/8	ARB/72A1/28				
139		IAP/63A1/54		ACP/64A1/16	RCC/62A1/9					
140	EUR/48A1/9		AFCP/55A1/5	ACP/64A1/17	RCC/62A1/10	ARB/72A1/16				
146	EUR/48A2/16	IAP/63A1/8	AFCP/55A3/5		RCC/62A1/11	ARB/72A1/17	CHN/69/1			
174			AFCP/55A1/6							
175		IAP/63A1/28	AFCP/55A1/7							
178										
179	EUR/48A2/9	IAP/63A1/39	AFCP/55A1/8	ACP/64A1/19	RCC/62A1/16	ARB/72A1/21				
180	EUR/48A1/3	IAP/63A1/34				ARB/72A1/22			CAF/70/4	
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196		IAP/63A1/18	AFCP/55A1/11		RCC/62A1/20					
197	EUR/48A1/5	IAP/63A1/46	AFCP/55A3/8	ACP/64A1/22	RCC/62A1/21	ARB/72A1/24				IND/71/2
198		IAP/63A1/19								
200				ACP/64A1/23	RCC/62A1/22					
201		IAP/63A1/44								
203	EUR/48A2/19	IAP/63A1/13	AFCP/55A4/12	ACP/64A1/24		ARB/72A1/25				

Proposals for new Resolutions & Decisions - Results

Topic	Title	Proposal	Result
OTT	The Transformative Opportunity of Over the Top Services to Support a Sustainable	EUR/48A2/22	Resolution WGPL/3
	Modern Telecommunications Ecosystem		
	Consideration of OTTs as International Public Policy Issue	AFCP/55A1/13	
	International public policy issues related to OTT	RCC/62A1/23,	
		ARB/72A1/33	
	International public policy issues concerning telecommunications-related aspects of OTT applications	B/67/5	
	Over the Top (OTTs) in the Evolving Telecommunication/Information and Communication Technology (ICT) Environment	USA/18A3/1	
Al	Artificial Intelligence technologies in support of telecommunications/ ICTs and the 2030 Sustainable Development Agenda	EUR/48A2/21	Not Accepted in Plenary (C-143)
	Artificial Intelligence for Sustainable Development	ARB/72A1/34	1
	International telecommunications/ICTs in support of artificial intelligence technologies	USA/18A3/2	
Big Data	Big Data related research	RCC/62A1/26	Not Accepted in WGPL (C-143)
Financial Inclusion	Use of information and communication technologies to bridge the financial inclusion gap	AFCP/55A3/10AR B/72A1/35	Resolution WGPL/1
Human Trafficking	Strengthening the role of ITU in the use of ICTs in combating global human trafficking	AFCP/55A1/12	Recommendation WGPL/1
Digital Transformation/	ITU's role in fostering telecommunications/ICT-centric innovation that accelerates digital transformation of society	AFCP/55A3/9	Resolution WGPL/2
Digital Economy	ITU's role in fostering Telecommunication/ICT-centric Innovation to Promote the Development of Digital Economy	ACP/64A1/25	Resolution WGPL/2
Smart Sustainable Cities and Communities	ICTs for Smart Sustainable Cities and Communities (SSCC)	IND/71/3	Addressed in <u>Resolution</u> 197
Data Protection	Strengthening the role of ITU in enhancing data protection in telecommunication/ICTs	IND/71/4	Addressed in Resolution 130
Output of ITU	Strengthening the Output of the International Telecommunication Union	EUR/48A2/7	See C-155, Rec. 8
Gender Mainstreaming	Gender mainstreaming in the election of ITU officials	ARG/CAN/CTR/D OM/68/1	See C-155, Rec. 7
WTPF	Sixth World Telecommunication/Information and Communication Technology Policy Forum - new Decision	IAP/63A1/43	Resolution 2