



TDAG Working Group on Resolutions, Declaration and Thematic Priorities

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Title: Overview of ITU-D thematic priorities

The annex to this contribution is provided as background information for the work of the TDAG-WG-RDTP.

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BDT Thematic Priority Overview

July 2020





...our vision:

**Connecting the remaining half
of the world's population**

WTDC-17 provided BDT with the “building blocks” to enable this vision

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ITU-D Objectives

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ITU-D Resolutions

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ITU-D Recommendations

30
Regional Initiatives

11
ITU-D Programmes

Study groups
questions

Introduction of Thematic Priorities

- Buenos Aires Action Plan provided a very broad mandate
- This presents possible challenges to achieving operational efficiencies, possible duplication of efforts and risk of inefficient allocation of resources
- To facilitate coordination and synergy across the various programmes, projects, and initiatives, BDT adopted a "cluster-based" approach, aligning all the work of BDT along 10 Thematic Priorities derived directly from the 11 programmes in the BA Action Plan
- RBM principles have been introduced in BDT, aligned along these Thematic Priorities
- This was first introduced to membership by the BDT Director at TDAG-19

Alignment of Thematic Priorities (1/2)

To facilitate coordination and synergy across key programmes, projects, and initiatives BDT has adopted a "cluster-based approach", aligning its work along 10 Thematic Priorities, based on the 11 programmes in the BA Action Plan

BDT Thematic Priority	WTDC Programmes	Regional Initiatives	Study Group Questions
Capacity Development	Capacity building and human skills development	AFR1; 2; 4 - AMS2 - ARB1; 2; 4; 5 - ASP1; 2; 3;4 - CIS1; 2; 3; 4; 5 - EUR1; 2; 3; 5.	Cuts Across all Questions
Cybersecurity	Cybersecurity	AFR3 - ARB3 - ASP5 - CIS3 - EUR4	Q3/2
Digital Inclusion	Digital inclusion for empowering women & girls, people with disabilities and other people with specific needs	AFR1; 2; 3 - AMR4; 5 - ARB5 - ASP2;3 - CIS 2; - EUR 3	Q7/1
Digital Innovation Ecosystems	Innovation	AFR1 - AMS5 - ARB5 - ASP4 - CIS3; 5 - EUR 5	Q1/2
Digital Services & Applications	Telecommunication/ICT services and applications	AFR1; 2;3 - AMS4 - ARB3;4 - ASP2; - CIS1;2 - EUR2; 5	Q1/2; Q2/2

* LDCs, SIDS, and LLDCs are integrated into all of the above thematic priorities

Alignment of Thematic Priorities (2/2)

BDT Thematic Priority	WTDC Programmes	Regional Initiatives	Study Group Questions
Emergency Telecommunications	Disaster risk reduction and management and emergency telecommunications	AMS1 - ARB1 - ASP5	Q5/2
Environment	Climate change adaptation and mitigation	AMS1 - AMS5 - ARB1 - ASP5 - CIS5	Q6/2
Networks & Digital Infrastructure	Telecommunication/ICT network infrastructure and services	AFR2 - AFR5 - AMS2 - AMS3 - ASP3 - CIS3 - CIS5 - EUR1	Q7/2; Q1/1; Q2/1; Q5/1
Policy & Regulation	Policy and regulatory environment	AFR3 - AMS3;5 - ARB3 - ASP4 - CIS3 - EUR1	Q1/1; Q3/1; Q4/1; Q6/1
Statistics	ICT data and statistics	Cuts Across all RIs	Cuts across all Questions

** LDCs, SIDS, and LLDCs are integrated into all of the above thematic priorities*

Mapping of Thematic Priorities

- Each Thematic Priority (TP) is coordinated by an assigned Thematic Priority Coordinator (TPC) who works with colleagues across BDT (in HQ and globally) to ensure consistent and efficient delivery of all work within that priority
- To ensure that all parts of BDT's mandate are covered, TPCs have mapped their TP to all relevant Resolutions (PP and WTDC), Regional Initiatives, Study Group Questions, as well as to the relevant SDGs, WSIS Action Lines and the Connect 2030 Agenda
- In this way, BDT can ensure that all related efforts are coordinated
- A high-level summary of the mapping, by TP, is provided in the remainder of this document

In Focus - Environment

SDG 12:

To ensure sustainable consumption and production patterns: SDG indicator 12.4.2: Treatment of waste, generation of hazardous waste management, by type of treatment. SDG indicator 12.5.1: National recycling rate, tons of material recycled.

Connect 2030 agenda:

By **2023**, increase the global e-waste recycling rate to 30%).

By **2023**, raise the percentage of countries with an e-waste legislation to 50%).

Study Group Question 6/2:

ICTs and the Environment.

WSIS Action Lines:

Action line **C7** on e-environment

ITU

Resolutions:

WTDC resolution 66: Information and communication technology and climate change.

Regional initiatives:

Americas (AMS1,5)
Arab States (ARB1)
Asia-Pacific (ASP5)
CIS (CIS4)

Projects:

2GLO19101: Global E-waste Statistics Project 2019.

2RAB19027: Regional E-waste Monitor for the Arab Region 2019.

Under preparation: Global E-waste Data and Policy Project.

In Focus: Digital Services and Applications

SDG 2, 3, 4:

Zero Hunger, Good health and well being, Quality Education

Study group question 1/2:

Smart Society

Study group question 2/2:

E-Health

WSIS Action Lines:

Action line C7 on e-health, e-agriculture, e-education, e-governance

Related Regional initiatives:

Americas: AMS 3, 4, 5
 Africa: AFR 1, 2, 3
 Arab States: ARB 3, 4
 Asia-Pacific: ASP 2
 CIS : CIS 1, 2
 EUR : EUR 2, 5

ITU Resolutions:

WTDC resolution 37: Bridging the digital divide

Projects:

- 9GLO13072 - Be Healthy, Be Mobile: including
 - 9GLO13072-04 m Health for Strengthening National Diabetes Prevention and control in Tunisia
 - 9GLO13072-05 - Détection automatique de la rétinopathie diabétique au Sénégal
- 9RER17024 - EU mHealth Hub
- 9PNG20003 - Rural Entrepreneurship, Investment and Trade in PNG
- 9GLO17087 - Mainstreaming ICT for SDG (closed)
- 2RAF19090 - Regional Initiative 1 (AFR 1) – “Building digital economies and fostering innovation in Africa”
- 9RAS18061 - Harnessing ICTs to support the digital economy and an inclusive digital society
- 2EGY16002 Smart Groundwater Management

In the pipeline:

- Smart Villages (multi-country)
- Digital Transformation for Vulnerable countries, UNDP-Estonia-UNOHRLLS
- Digital Farming - Grow Smart, FAO
- E-Commerce, UNCTAD

In Focus: Digital Inclusion

SDG 1, 4, 5, 8, 10, 17

*No Poverty, Quality Education,
Gender Equality, Decent Work and
Economic Growth, Reduced
Inequalities, Partnership for the Goals*

"Connect 2030 Agenda for Global Telecommunication/ICT Development"

**Goal No. 2: Inclusiveness – Bridge the digital divide
and provide broadband access for all;**

WSIS Action Lines:

C1, C2, C3, C4, C5, C6, C7, C8, C9

ITU Resolutions:

- WTDC Resolution 11 (Rev. Buenos Aires, 2017) WTDC Resolution 46 (Rev. Buenos Aires, 2017)
- PP RESOLUTION 184 (Guadalajara, 2010)
- WTDC Resolution 58 (Rev. Buenos Aires, 2017):
- PP Resolution 70 (Rev. Dubai, 2018)
- WTDC Resolution 55 (Rev. Buenos Aires, 2017)
- PP Resolution 198 (Rev. Dubai, 2018)
- WTDC Resolution 76 (Rev. Buenos Aires, 2017)
- PP Resolution 179 (Rev. Dubai, 2018)
- WTDC Resolution 67 (Rev. Buenos Aires, 2017)
- PP Resolution 175 (Rev. Dubai, 2018)
- WTDC Resolution 58 (Rev. Buenos Aires, 2017)

Projects:

Implemented

- African Girls Can CODE Initiative (AGCCI) - ITU and UN Women, in collaboration with the African Union Commission,

Ongoing – under implementation

- DOCA Project on Child Online Protection in Asia Pacific

Under development, and/or to be signed

- EIF/ ITU EQUALS in Tech.
- Pacific and Arab Girls Can Code initiative *
- Global concept on the implementation of the COP Guidelines to develop national strategies *
- ICT Accessibility related projects*

Regional initiatives:

Africa: **AFR3**

Americas: **AMS4**

Arab States: **ARB2, ARB3**

Asia-Pacific: **ASP2**

CIS: **CIS2**

EUR: **EUR3, EUR4**

Study Groups

SG 1: Question 7/1

"Access to telecommunication/ICT services by persons with disabilities and other persons with specific needs"

SG 2: Question 3/2

"ICT services and applications for the promotion of sustainable development"

In Focus: Capacity Development

SDG 4:

Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all: SDG indicator 4.4.2, “Percentage of youth/adults who have achieved at least a minimum level of proficiency in digital literacy skills”. SDG indicator 4.4.7: By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and nonviolence, global citizenship and appreciation of cultural diversity and of culture’s contribution to sustainable development

Study group question:

Cuts across all questions

WSIS Action Lines:

Action line C4 on Capacity Building

Action Line C7 on e-learning

Projects:

2UZB19004, 9ARG18014, 9
GLO15077, 9GLO16080, 9R
AB18026-02, 9RAS18061,
9RAS18062
9THA19038, COEGLO001, 2
RAF20091, 9RAB18026-02

Connect 2030 agenda:

In the developing world, **60% of individuals will be using the Internet** (30% in LDCs)

ITU Resolutions:

WTDC resolution 40:
Group on Capacity
Building Initiatives

WTDC resolution 73:
Centers of Excellence

Regional initiatives:

AMS2,
AMS3, AMS5
ASP1, ASP2, SP3,
ASP4, ASP5
CIS2
AFR4

In Focus: Network and Digital Infrastructure (1/2)

SDGs:

9: Ind5: Gender equality

8: Decent work and economic growth

Industry, innovation and infrastructure

11: Sustainable cities and communities

17: Partnerships for the goals

WSIS Action Lines:

Action line C2 on Information and communication infrastructure - Priority 1

Action line C9 on Media – Priority 2

Regional initiatives

Africa: AFR2, AFR5

Americas: AMS2, AMS3

Arab States: ARB4

Asia-Pacific: ASP3

CIS: CIS3, CIS5

Europe: EUR1

Study Group questions:

Question 1/1: Strategies and policies for the deployment of broadband in developing countries

Question 2/1: Strategies, policies, regulations and methods of migration and adoption of digital broadcasting and implementation of new services

Question 5/1: Telecommunications/ICTs for rural and remote areas

Question 4/2: Assistance to developing countries for implementing conformance and interoperability (C&I) programmes and combating counterfeit ICT equipment and theft of mobile devices

Question 7/2: Strategies and policies concerning human exposure to electromagnetic fields

ITU PP Resolutions

101 - Internet Protocol-based networks

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

123 - Bridging the standardization gap between developing and developed countries

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

137 - Deployment of future networks in developing countries

139 - Use of telecommunications/information and communication technologies to bridge the digital divide and build an inclusive information society

176 - Measurement and assessment concerns related to human exposure to electromagnetic fields

177 - Conformance and interoperability

180 - Facilitating the transition from IPv4 to IPv6

197 - Facilitating the Internet of Things and smart sustainable cities and communities

203 - Connectivity to broadband networks

In Focus: Network and Digital Infrastructure (2/2)

Projects:

- Africa:** Broadband Wireless Network (**7RAF08073**)
- Africa + ARB** PRIDA-ITU Delegation Agreement for Action (**9RAF18089**)
- World/Multi:** Further developments to SMS4DC Software (**9GLO7086**)
National Spectrum Management Assistance Workshop (**9GLO18090**)
New Graphical Interface of the ITU Interactive Transmission Maps (**2GLO18097**)
Project to set-up IPv6 & IoT Expertise Center (**7GLO18096**)
Assistance of the establishment of National Spectrum Management Basic Framework Systems (**9GLO19099**)
Assistance in the implementation of spectrum management and monitoring system (**9GLO20102**)
- Americas:** Monitoreo del Espectro Radioelectrico (**7CUB18004**)
Asesorar y apoyar al MinTIC en el desarrollo de actividades generales para la mejor utilización de las TIC para la Transformación Digital (**9COL19039**)
Asistencia técnica para validar, planificar y ejecutar la asignación de permisos para uso de espectro IMT y para uso de mejores prácticas ... en Colombia (**9COL19040**)
Soporte institucional al Instituto Dominicano de las Telecomunicaciones (**9GLO17086**)
- CIS:** International Research, Development and Testing Centre for new equipment, technologies, and services (IRDTC) - Phase 1 (**9RER19025**)
- EUR** Supporting Investment Opportunity Mapping Systems in Broadband Infrastructure for South Eastern Europe (**just signed**)

ITU WTDC Resolutions:

- 9 - Participation of countries, particularly developing countries, in spectrum management**
- 11 - Telecommunication/information and communication technology services in rural, isolated and poorly served areas and indigenous communities**
- 37 - Bridging the digital divide**
- 43 - Assistance in implementing International Mobile Telecommunications and future networks**
- 47 - Enhancement of knowledge and effective application of ITU Recommendations in developing countries, including conformance and interoperability testing of systems manufactured on the basis of ITU Recommendations**
- 62 - Assessment and measurement of human exposure to electromagnetic fields**
- 63 - IP address allocation and facilitating the transition to IPv6 deployment in the developing countries**
- 77 - Broadband technology and applications for greater growth and development of telecommunication/information and communication services and broadband connectivity**
- 85- Facilitating the Internet of Things and smart cities and communities for global development**

In Focus: Policy and Regulation

Connect 2030 agenda:

By 2023, strengthen collaborative regulatory capabilities for effective partnerships with stakeholders and cooperation with other organizations and entities in the ICT/telecommunication environment

By 2023, provide policy and regulatory support underpinning the implementation of digital agendas/strategies

Main Regional initiatives:

Africa (AFR1,4)
Americas (AMS 3,5)
Arab States (ARB 3)
Asia-Pacific (ASP 1,2,4)
Europe (EUR 1,4)
CIS (CIS 5)

ITU Resolutions:

Main WTDC resolutions:

Res 48 - strengthening cooperation among telecommunication regulators

Res 71 – strengthening cooperation between Member States, Sector Members, Associates, and Academia of the ITU Telecommunications Development Sector and the evolving role of the private sector

Others WTDC Resolutions

Projects:

FIGI National implementation
 Digital regulation platform
 Collaborative ICT Policy and regulation

WSIS Action Lines:

WSIS C6: Enabling Environment

Study group questions:

Question 1/1: Strategies and policies for broadband in developing countries

Question 3/1: Emerging technologies, cloud computing, m-services and OTTs

Question 4/1: Economic policies and methods of determining service costs

Question 6/1: Consumer information, protection and rights

SDG 9.c: Significantly increase access to information and communications technology and strive to provide universal and affordable access to the Internet in least developed countries by 2020;

SDG 16.6: Develop effective, accountable and transparent institutions at all levels

SDG 16.7: Ensure responsive, inclusive, participatory and representative decision-making at all levels

In Focus: Emergency Telecommunications (1/2)

ITU Resolutions:

PP

- Resolution 136 (Rev. Dubai 2018) “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”

WTDC

- Resolution 34 (Rev. Buenos Aires, 2017) “The role of telecommunications/ICT in disaster preparedness, early warning, rescue, mitigation, relief and response”

WRC

- Resolution 646 (Rev.WRC-19)” Public protection and disaster relief
- Resolution 647 (Rev.WRC-19) “Radiocommunication aspects, including spectrum management guidelines, for early warning, disaster prediction, detection, mitigation and relief operations relating to emergencies and disasters”

SDG 11:

Make cities and human settlements inclusive, safe, resilient and sustainable

SDG 11.B:

By 2020, substantially increase the number of cities and human settlements adopting and implementing integrated policies and plans towards inclusion, resource efficiency, mitigation and adaptation to climate change, resilience to disasters, and develop and implement, in line with the Sendai Framework for Disaster Risk Reduction 2015-2030, holistic disaster risk management at all levels

ITU's Strategic Plan:

Target 3.5: "By 2023 all countries should have a National Emergency Telecommunication Plan as part of their national and local disaster risk reduction strategies".

WSIS Action Lines:

C7 - E-environment

In Focus: Emergency Telecommunications (2/2)

Regional initiatives:

America: Disaster risk reduction and management communications

Arab States: Environment, climate change and emergency telecommunications

Asia-Pacific: Contributing to a secure and resilient environment

Ongoing Projects:

Global

2GLO18094: Enhancement of National Emergency Telecommunication Plans and Coordination to Save Lives

7GLO03043: Rural Telecommunications Development in Least Developed Countries

America/Caribbean

2RLA18017: Project for the use of ICTs in emergency and disaster situations in the Caribbean region - Phase 1

Asia & Pacific

7RAS14050: Development of satellite communication capacity and emergency communications solutions for Pacific islands.

9RAS14052: Implementing the Climate Change Adaptation Component of the Satellite Communications Capacity, and Emergency Communications Solutions Project for the Small Island Developing States of the Pacific

Projects under consultation/approval:

Global

MHEWS: Project to support countries in the development of MHEWS with a multi-stakeholder approach.

Asia & Pacific

Implementing Asia-Pacific Regional Initiatives 2020-2021 (two Activities on ET)

Study group question 5/2:

Utilizing telecommunications/ICTs for disaster risk reduction and management

In Focus: Statistics

Mandate

- PP Resolution 131: Measuring ICTs to build an integrating and inclusive information society
- WTDC Resolution 8: Collection and dissemination of information and statistics

Custodian of 5 SDG indicators:

- Proportion of individuals with ICT skills (Target 4.4)
- Proportion of individuals who own a mobile telephone, by sex (5.b)
- Percentage of the population covered by a mobile network (9.c)
- Fixed Internet broadband subscriptions, by speed (17.6)
- Proportion of individuals using the Internet (17.8)

WSIS Action Lines

ICT statistics are relevant to monitoring the implementation of all WSIS action lines

Connect 2030 Agenda

- Maintains vital statistics for monitoring progress on the Agenda, including for 15 of the 17 Targets on Goals 1 and 2.

Publications and projects

- *Measuring Digital Development* series
- *World Telecommunications/ICT Indicators Database*
- Big data for measuring the information society

Regional initiatives

Capacity building workshops and online training courses

Study Groups

Direct liaison with Study Groups 1 and 2 since 2019

In Focus: Digital Innovation Ecosystems

SDG 9:

Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation:

target 9.C and related innovation targets

Connect 2030 agenda:

By 2023, **at least 30% of engaged countries** should have policies/strategies fostering telecommunication/ICT-centric innovation.

Study group question 1/2:

Creating smart cities and society

WSIS Action Lines:

**Action line C1, C2, C3, C4, C5,
C6, C7, C11**

Projects:

- African Digital Transformation Center
- Capacity building on ICT –centric innovation ecosystems
- BADIR – strengthening ARTENET

ITU Resolutions:

- PP Res. 205 (Dubai, 2018), ITU Goal 4
- WTDC Res. 30 (Rev. Buenos Aires, 2017)
- WTDC Res. 85 (Buenos Aires, 2017)

Regional initiatives:

**Americas – AMS5
Arab States – ARB5
Asia-Pacific – ASP4
Africa – AFR1
CIS – CIS3 and CIS5
Europe – EUR5**

WSIS Action Line (2005):

ALC5 - Building Confidence and Security in the Use of ICTs

ITU-D Study Group Question:

Question 3/2: Securing information and communication networks: Best practices for developing a culture of cybersecurity

ITU Resolutions:

PP:

Resolution 130 (Rev. Dubai 2018)

Resolution 174 (Busan 2014)

Resolution 179 (Rev. Dubai 2018)

WTDC:

Resolution 45 (Dubai 2014)

Resolution 67 (Buenos Aires 2017)

Resolution 69 (Buenos Aires 2017)

WTSA:

Resolution 50 (Hammamet 2016)

Resolution 52 (Hammamet 2016)

Resolution 58 (Dubai 2012)

Ongoing Projects:

- National CIRT Establishment in Gambia
- Cybersecurity Innovation Centre for the Arab Region
- National CIRT Establishment in Burundi
- Communications CIRT Establishment in Botswana
- Enhanced National KE-CIRT/CC Kenya
- National CIRT Establishment in Malawi
- Cybersecurity capacity development in Pacific Island Countries
- Child Online Protection in Asia and Pacific – DOCA Funded
- CIRT Implementation – Barbados
- CIRT Assessment - Bermuda

The 2030 Agenda for Sustainable Development

SDG 4: Ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles.

SDG 9: Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

SDG 16: Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels

SDG 17: Strengthen the means of implementation and revitalize the global partnership for sustainable development

Regional initiatives (WTDC-17):

Africa:	Building trust and security in the use of telecommunications/information and communication technology
Arab States:	Confidence and security in the use of telecommunications/ICTs
Europe:	Enhancing trust and confidence in the use of ICTs
CIS:	Development and regulation of infocommunication infrastructure to make cities and human settlements inclusive, safe and resilient
Asia-Pacific:	Contributing to a secure and resilient environment