

ITU REGIONAL DEVELOPMENT FORUM FOR ASIA-PACIFIC

ITURDF

BANGKOK2018

21-22 May 2018
Bangkok, Thailand

<https://www.itu.int/en/ITU-D/Regional-Presence/ASIAPACIFIC>

LDC/LLDC/SIDS | Digital Society | Digital Connectivity
Regulatory Environment | Security & Resilience

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#ICT4SDG



Outline

- Declaration
- Strategic Plan
- Action Plan
- Regional Initiatives
- Study Group Questions
- Resolutions
 - New, Revised, Merged and/or Abrogated
- Regional Initiatives 2018-2021

WTDC-17 in review

- **1,360 participants** (WTDC-14:1303), representing:
 - 134 Member States and Palestine
 - 83 public and private entities
 - 41 telecommunication-related entities
 - 22 regional and international organizations
 - 10 academia
 - United Nations and its Specialized Agencies
- Total registered number of participants – **1,720**
- **287 proposals** received from the membership (WTDC-14: 223)
- **450 documents** (Doc, INF, DT and DL) are dealt with (WTDC 14: 400).



Outcomes

At **WTDC-17** global ICT leaders convened to specifically review and endorse actions under the theme “ICT for Sustainable Development Goals (ICT4SDG)”.

Outcomes included:

Buenos Aires Declaration

Reinforcing the political support for the mission and strategic objectives of ITU–D

ITU–D Contribution to the **ITU [Strategic Plan](#)** for 2020–2023

Buenos Aires [Action Plan \(BaAP\)](#)

Comprising regional initiatives; new and revised resolutions and recommendations; new and revised questions to be studied by ITU–D Study Groups



Declaration (1/2)

The WTDC declared the importance of specific actions to implement the following key concepts*:

- The fundamental contribution of telecomm./ICTs in attaining **WSIS Action Lines** and the **2030 Agenda for Sustainable Development**
- Role of **innovation**
- Exchange of **experiences and cooperation** among ITU membership and others
- **Connectivity** for underserved and unserved populations
- Promotion of **widespread, affordable access** to telecomm./ICTs
- Use of **new and emerging technologies/trends** in telecomm./ICTs

*Note: the list is not exhaustive



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*Note: the list is not exhaustive



Declaration (2/2)

The WTDC declared the importance of specific actions to implement the following key concepts* (cont.):

- Development of **digital economy**
- Human and institutional **capacity building**
- Proper and comparable **indicators/statistics** and **ICT trend analysis**
- ICT needs of **women, girls, children, persons with disabilities**
- Building **trust, confidence** and **security** in telecomm./ICTs
- Promotion of public/private **investments** and **partnerships**
- Role of **regional initiatives**

*Note: the list is not exhaustive



Strategic Plan

ITU-D Contribution to the Draft Strategic Plan 2020-2023 (1/2)

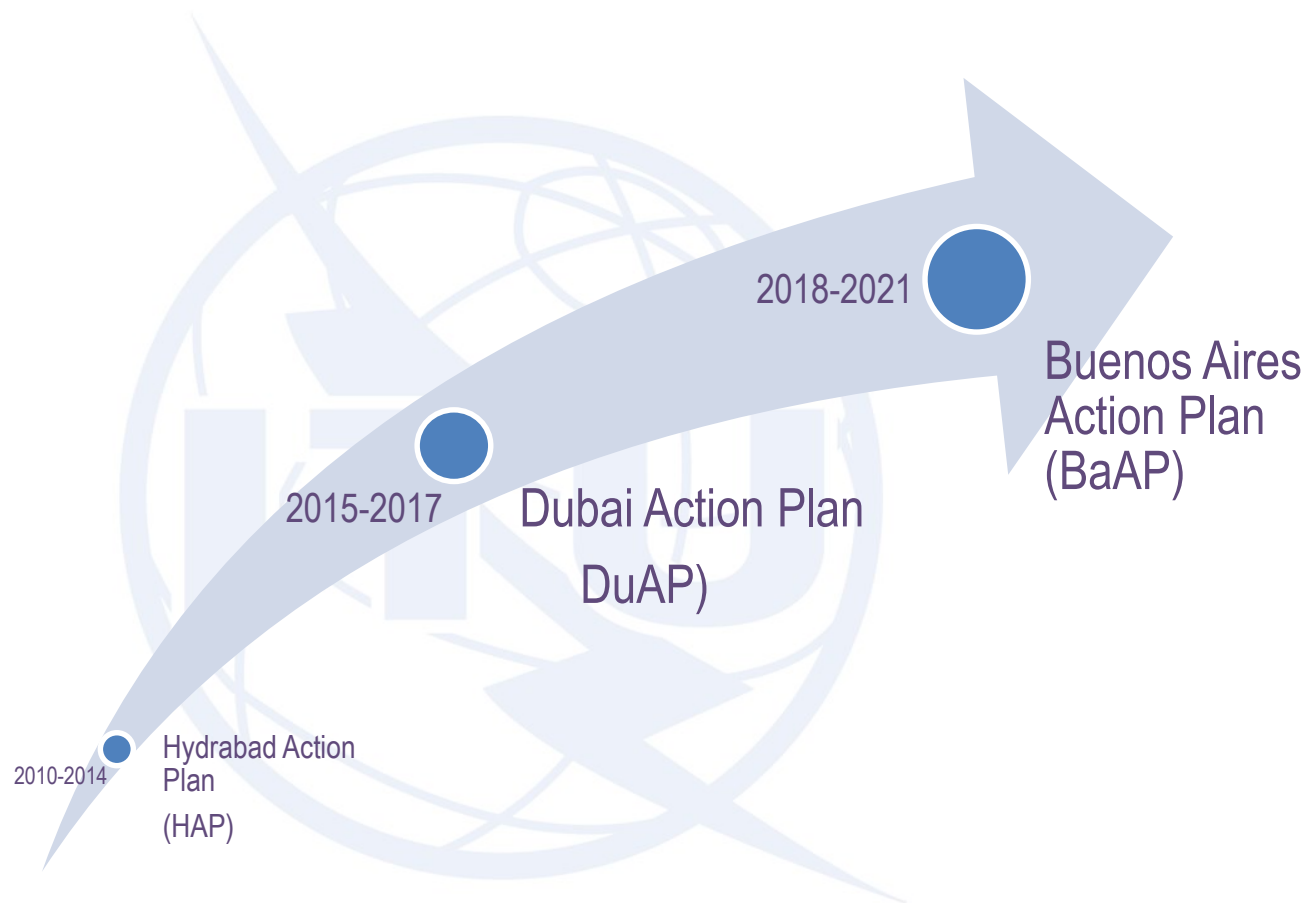
Objectives	<p>D.1 Coordination: Foster international cooperation and agreement on telecommunication/ICT development issues</p>	<p>D.2 Modern and secure telecommunication/ICT Infrastructure: Foster the development of infrastructure and services, including building confidence and security in the use of telecommunications/ICTs</p>	<p>D.3 Enabling Environment: Foster an enabling policy and regulatory environment conducive to sustainable telecommunication/ICT development</p>	<p>D.4 Inclusive Digital Society: Foster the development and use of telecommunications/ICTs and applications to empower people and societies for socio-economic development and environmental protection</p>
Outcomes	<p>D.1-1: Enhanced review and increased level of agreement on the draft ITU-D contribution to the draft ITU strategic plan, the WTDC Declaration, and the WTDC Action Plan.</p>	<p>D.2-1: Enhanced capacity of ITU Membership to make available resilient telecomm./ICT infrastructure and services, including broadband and broadcasting, bridging the digital standardization gap, conformance and interoperability and spectrum management.</p>	<p>D.3-1: Strengthened capacity of Member States to develop enabling policy, legal and regulatory frameworks conducive to development of telecommunications/ICTs.</p>	<p>D.4-1: Improved access to and use of telecomm./ICT in LDCs, SIDs and LLDCs and countries with economies in transition.</p>
	<p>D.1-2: Assessment of the implementation of the Action Plan and of the WSIS Plan of Action.</p>	<p>D.2-2: Enhanced capacity of ITU Membership to effectively respond to cyber threats and develop national cybersecurity strategies and capabilities, including capacity building.</p>	<p>D.3-2: Strengthened capacity of Member States to produce high-quality, internationally comparable ICT statistics based on agreed standards and methodologies.</p>	<p>D.4-2: Improved capacity of ITU Membership to leverage ICT applications, including mobile, in high-priority areas (e.g. health, agriculture, commerce, governance, education, finance).</p>

Strategic Plan

ITU-D Contribution to the Draft Strategic Plan 2020-2023 (2/2)



ITU – Transitioning the Plans



Action Plan (BaAP) (1/2)

- ITU-D strategic plan includes **4 objectives** and **16 related outcomes**
- A **comprehensive** and **functional** instrument for achievement of ITU-D strategic Objectives
- The BaAP follows a **result-based structure**
- The BaAP delineates the ITU-D mandate for **2018-2021**
- The BaAP is linked to **WSIS action lines** and **Sustainable Development Goals and Targets**

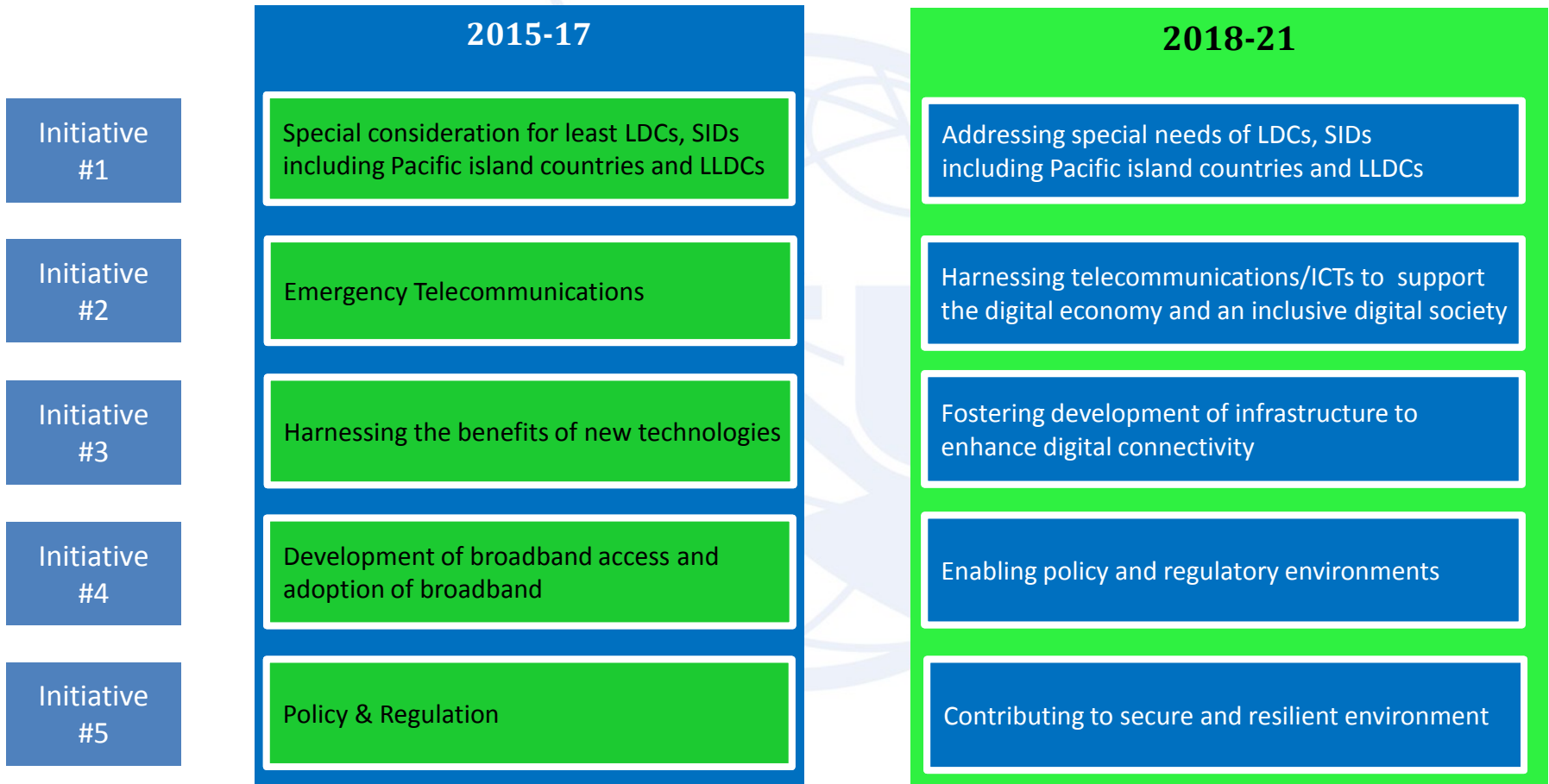
Action Plan (BaAP) (2/2)

BaAP follows a **results-based** structure:

For each of the objectives, the following information is provided:

- **Title** of the objective
- **Outcomes** and related **performance indicators**
- **Outputs** and related **implementation frameworks**, including:
 - **Programmes**
 - **Regional initiatives**
 - **Study Group Questions**
- References to relevant PP resolutions, WTDC resolutions and recommendations, WSIS action lines and SDG and targets

ASIA-PACIFIC REGIONAL INITIATIVES



Study Group Questions: SG1

Q1/1

Strategies and policies for the deployment of broadband in developing countries

Q2/1

Strategies, policies, regulations and methods of migration and adoption of digital broadcasting and implementation of new services

Q3/1

Emerging technologies, including cloud computing: m-services, and OTTs: Challenges and opportunities, economic and policy impact for developing countries

Q4/1

Economic policies and methods of determining the costs of services related to national telecommunication/ICT networks

Q5/1

Telecommunications/ICTs for rural and remote areas

Q6/1

Consumer information, protection and rights: Laws, regulation, economic bases, consumer networks

Q7/1

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

Study Group Questions: SG2

Q1/2

Creating the smart cities and society: Employing ICTs for sustainable social and economic development

Q2/2

Telecommunications/ICTs for e-Health

Q3/2

Securing information and communication networks: Best practices for developing a culture of cybersecurity

Q4/2

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

Q5/2

Utilizing telecommunications/ICTs for disaster risk reduction and management

Q6/2

ICTs and the environment

Q7/2

Strategies and policies concerning human exposure to electromagnetic fields

New Resolutions

1. Special assistance and support to the Government of Libya for rebuilding its telecommunication networks

2. Combating mobile telecommunication device theft

3. Facilitating the Internet of Things and smart cities and communities for global development

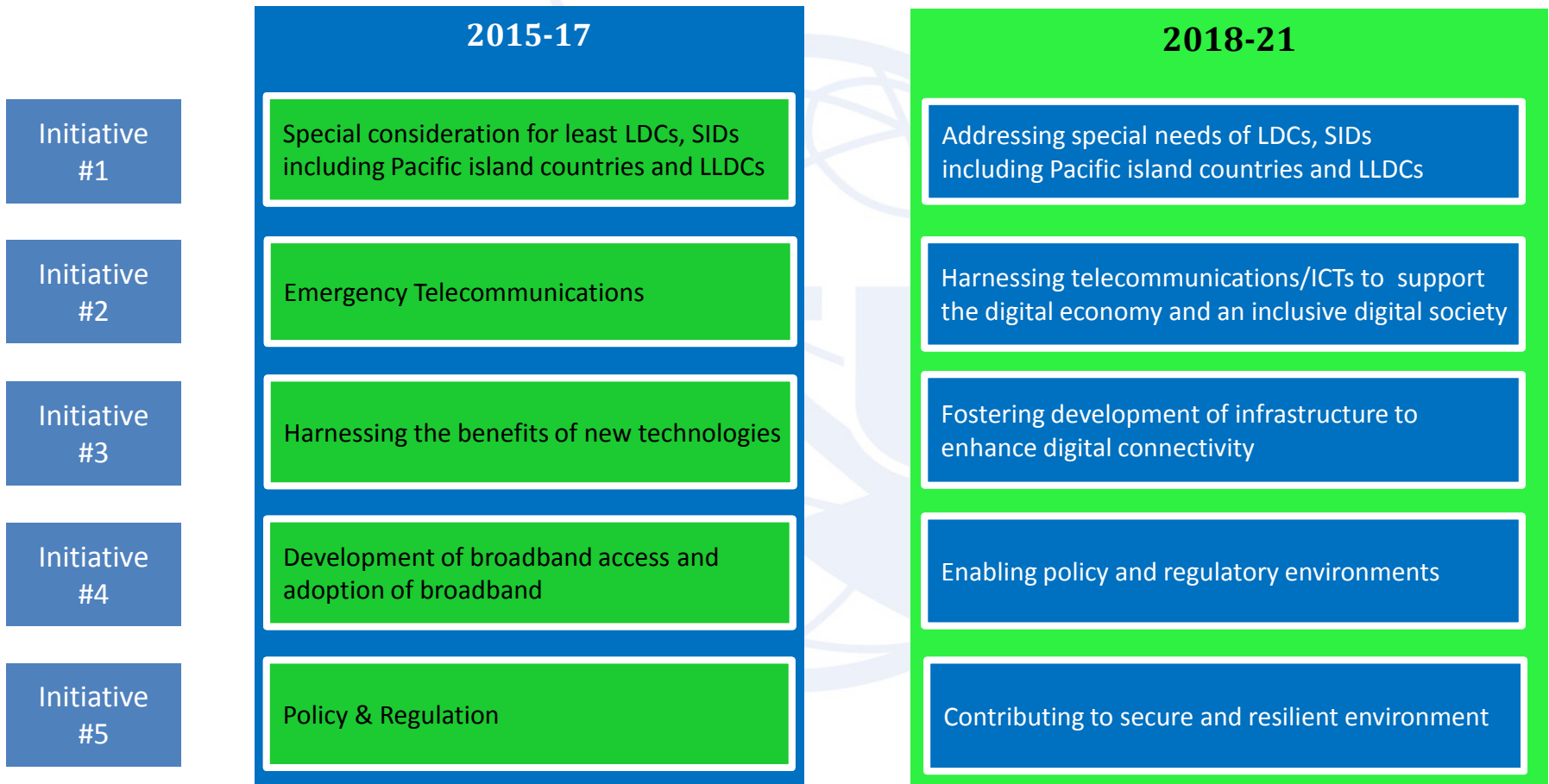
4. Use in the ITU Telecommunication Development Sector of the languages of the Union on an equal footing

In addition to four new Resolutions adopted at WTDC-17, ITU members modified over 40 Resolutions on a range of topics including ICT services in rural, isolated and poorly served areas; alternative calling procedures; Internet access and availability for developing countries; assistance to countries in special need; the role of ICTs in disaster preparedness; bridging the digital divide; capacity-building initiatives; assistance in implementing future networks; assistance to indigenous peoples;

strengthening cooperation among telecom regulators; gender equality; accessibility for persons with disabilities and specific needs; ICT and climate change; child online protection; National computer incident response teams; ITU Centres of Excellence; support for ICT development in Africa; and combating counterfeit devices. In addition, members abrogated six Resolutions deemed to have achieved their objectives.



ASIA-PACIFIC REGIONAL INITIATIVES



ASIA-PACIFIC REGIONAL INITIATIVES: 2018-2021

ASP 1 : Addressing special needs of least developed countries, small island developing states, including Pacific island countries, and landlocked developing countries

Objective: To provide special assistance to least developed countries (LDCs), small island developing states (SIDS), including Pacific island countries, and landlocked developing countries (LLDCs) in order to meet their priority telecommunication/ICT requirements.

Expected results:

- **Policy and regulatory frameworks developed for broadband infrastructure, ICT applications and cybersecurity, taking into account the special needs of LDCs, SIDS and LLDCs, and human capacity strengthened to address future policy and regulatory challenges;**
- **Universal access to telecommunications/ICTs promoted in LDCs, SIDS, and LLDCs;**
- **LDCs, SIDS, and LLDCs assisted with adopting telecommunication/ICT applications in disaster management, relating to disaster prediction, preparedness, adaptation, monitoring, mitigation, response, rehabilitation and recovery of telecommunication/ICT networks based on their priority needs;**
- **LDCs, SIDS and LLDCs assisted in their efforts to achieve internationally agreed goals, such as the 2030 Agenda for Sustainable Development, the Sendai Framework for Disaster Risk Reduction, the Istanbul Plan of Action for LDCs, the Samoa Pathway for SIDS and the Vienna Programme of Action for LLDCs**



ASIA-PACIFIC REGIONAL INITIATIVES: 2018-2021

ASP2: Harnessing ICTs to support the digital economy and an inclusive digital society

Objective: To assist Member States in utilizing ICTs to reap the benefits of the digital economy and in addressing the human and technical capacity challenges to bridging the digital divide

Expected results:

- 1) Strategic national frameworks planned and elaborated on digital economy as well as associated toolkits for selected ICT applications and services;
- 2) Repository established of all work done within the ITU relating to the digital economy since WTDC 2014 and updated annually;
- 3) Policies, strategies and guidelines developed for practical implementation, including for Internet of Things (IoT) and Smart Cities;
- 4) ICT/mobile applications deployed to improve the delivery of value added services in sectors such as health, education, agriculture, governance, energy, financial services and e-commerce;
- 5) Knowledge best practices and case studies on various telecommunication/ICT applications identified, collated and shared;
- 6) Cross sectoral national digital skills programmes developed for inclusiveness, especially for women, youth, elderly and people with specific needs;



ASIA-PACIFIC REGIONAL INITIATIVES: 2018-2021

ASP3: Fostering development of infrastructure to enhance digital connectivity

Objective: To assist Member States in the development of telecommunication/ICT infrastructure in order to facilitate provision of services and applications on that infrastructure.

Expected results:

- **Strategic national frameworks planned and elaborated on digital economy as well as associated toolkits for selected ICT applications and services;**
- **Repository established of all work done within the ITU relating to the digital economy since WTDC 2014 and updated annually;**
- **Policies, strategies and guidelines developed for practical implementation, including for Internet of Things (IoT) and Smart Cities;**
- **ICT/mobile applications deployed to improve the delivery of value added services in sectors such as health, education, agriculture, governance, energy, financial services and e-commerce;**
- **Knowledge best practices and case studies on various telecommunication/ICT applications identified, collated and shared;**
- **Cross sectoral national digital skills programmes developed for inclusiveness, especially for women, youth, elderly and people with specific needs;**



ASIA-PACIFIC REGIONAL INITIATIVES: 2018-2021

ASP4: Enabling policy and regulatory environments

Objective: To assist Member States in developing appropriate policy and regulatory frameworks, fostering innovation, enhancing skills, increasing information sharing and strengthening regulatory cooperation which contribute to a supportive regulatory environment for all stakeholders

Expected results:

- Information shared on developments in policy, legal, and regulatory frameworks as well as market developments in the ICT sector and the digital economies it enables;
- Strategies, policies, and legal and regulatory frameworks developed, implemented and reviewed, including for next generation universal service obligation (USO), consumer protection, transformation of SMEs to digital enterprises, and innovation and entrepreneurship;
- Inclusive dialogues encouraged and cooperation strengthened among national and regional regulators, policy-makers and other telecommunication/ICT stakeholders as well as with other sectors of the economy on topical policy, legal, regulatory and market issues;
- Institutional, human and technical capacity strengthened on topical policy, legal, regulatory issues, as well as on economic and financial issues and market developments;
- Improved awareness of policy and regulatory frameworks relating to data privacy and cross border data;
- Strategic frameworks developed to support research and development activities in ICT in developing countries



ASIA-PACIFIC REGIONAL INITIATIVES: 2018-2021

ASP5: Contributing to a secure and resilient environment

Objective: To assist Member States to develop and maintain secure, trusted and resilient networks and services, and to address challenges related to climate change and disaster management.

Expected results:

- National and/or regional cybersecurity strategies, national cybersecurity capabilities such as Computer Incident Response Teams established, and good practices collected through the Global Cybersecurity Index shared to nurture a culture of cybersecurity
- Institutional cooperation and coordination among the key actors and stakeholders strengthened at the national, regional and global level (including through organizing cyber drills) and capacity to address issues related to cybersecurity strengthened;
- National emergency telecommunication plans and ICT-based initiatives for providing medical (e-health) and humanitarian assistance in disasters and emergencies developed;
- Disaster-resilient features incorporated in telecommunication networks and infrastructure, and ICT-based solutions (including wireless and satellite-based technologies) developed to enhance network resilience;
- Standards-based monitoring and early-warning systems linked to national and regional networks developed and the use of active and passive space-based sensing systems for disaster prediction, detection and mitigation enhanced;
- Comprehensive strategies and measures formulated to help mitigate and respond to the devastating effects of climate change including e-waste policy.



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Thank You

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 SUSTAINABLE DEVELOPMENT GOALS



