

Webinar Session on ITU's Mandate and Regional focus

18 February 2020 12:00 – 14:00 CLT

Overview of ITU

Overview of ITU

What we do



**'Committed to
Connecting the World'**

193

**MEMBER
STATES**

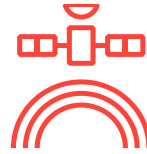
+900

**INDUSTRY &
INTERNATIONAL
ORGANIZATIONS**

+160

**ACADEMIA
MEMBERS**

**3
Sectors**



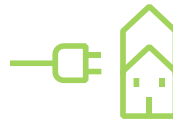
ITU Radiocommunication

Coordinating radio-frequency spectrum
and **assigning** orbital slots for satellites



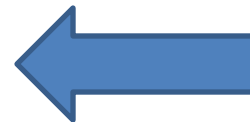
ITU Standardization

Establishing global standards



ITU Development

Bridging the digital divide

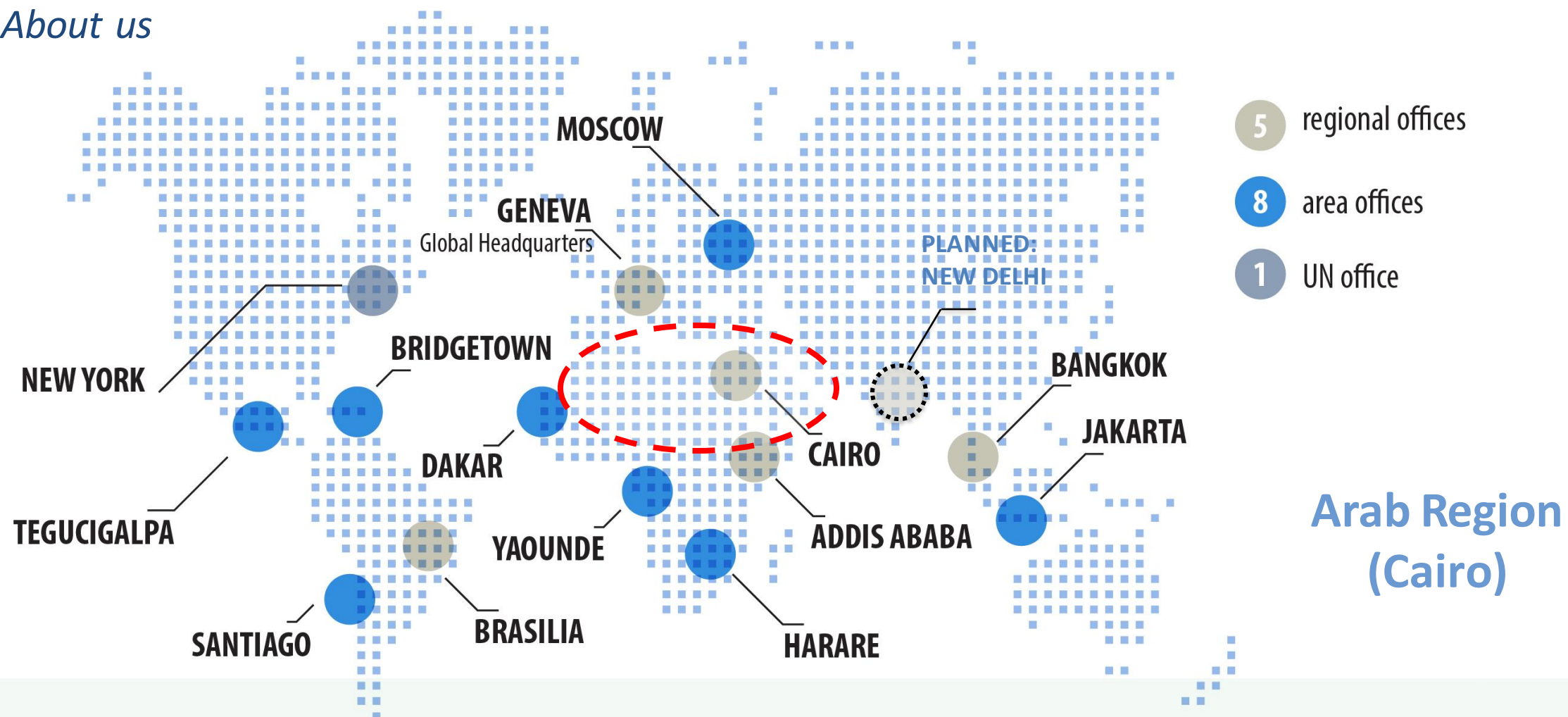


MEMBERSHIP

Public and private entities' ranging from Operators, Regulators, Consulting firms, Education and Research Institutions, Publishers, Service Providers, Professional Associations, Manufacturers, Software Organizations and International and Regional Organizations.

ITU at a Glance: How we got here

About us



Who we are

Our Members (UN Classification)

Least Developed Countries (LDCs) (7)

Comoros
Djibouti
Mauritania
Somalia
Sudan
Yemen
State of Palestine (Res 99)

Low-Income Countries (LICs) (2)

Egypt
Syria

Developing Countries (13)

Algeria
Bahrain
Iraq
Jordan
Kuwait
Lebanon
Libya
Morocco
Oman
Qatar
Saudi Arabia
Tunisia
UAE

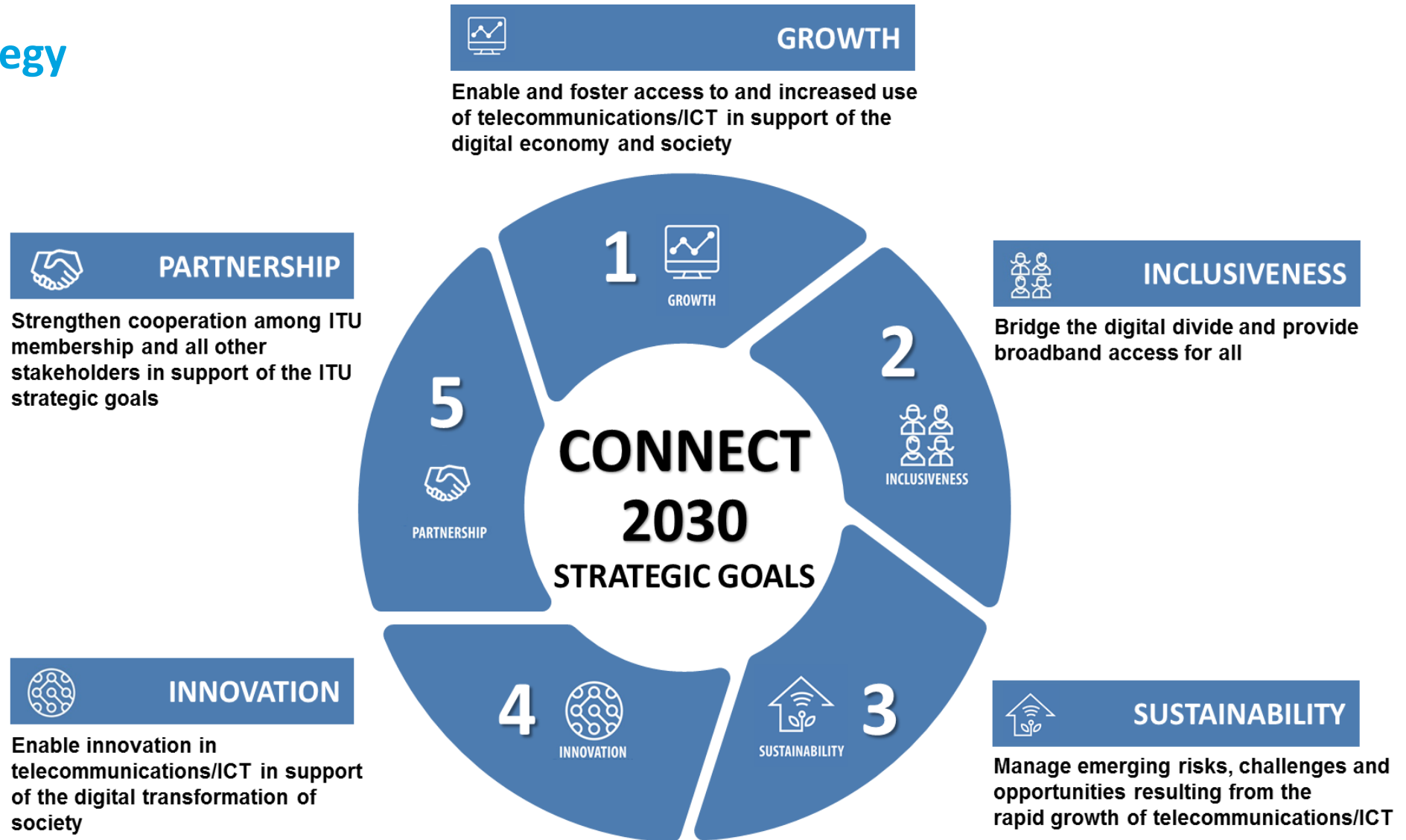


22 Member States

68 ITU-D Sector Members
and Associates
15 Academia

ITU and the SDGs: ITU Strategic Goals & Connect 2030 Agenda

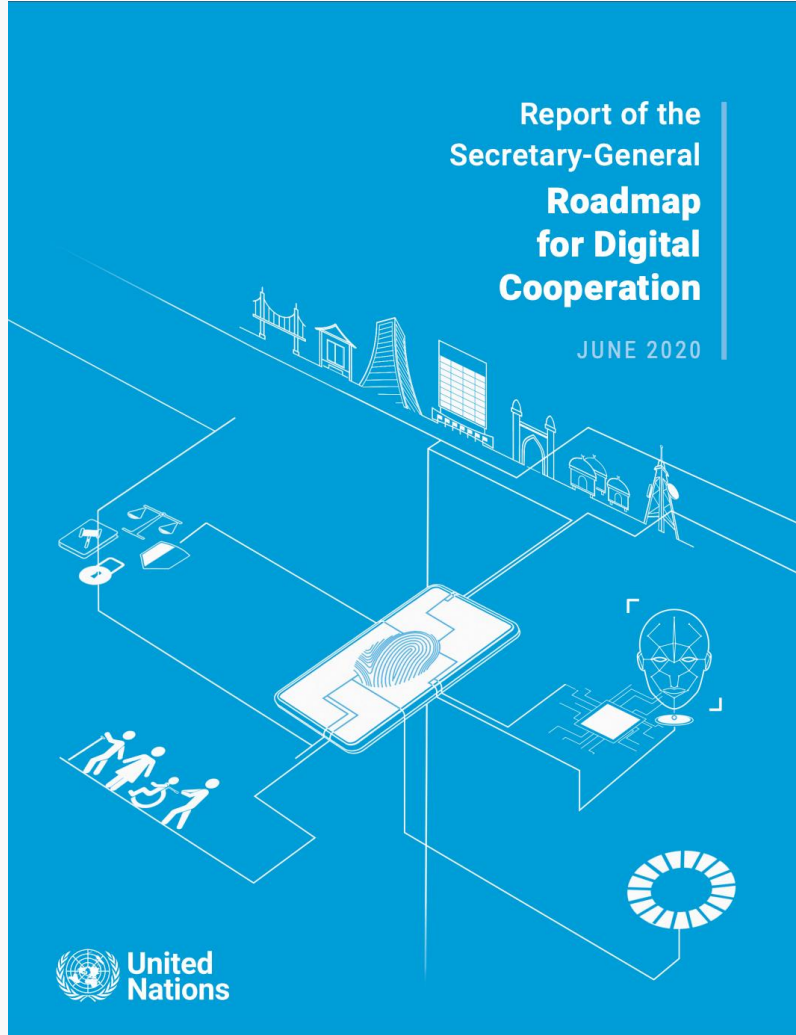
Our Strategy



Mapping ITU Outputs to the SDGs



ITU's Mandate and Areas of Work Are Integral for the Roadmap for Digital Cooperation



8 KEY AREAS FOR ACTION



One:

**ACHIEVING UNIVERSAL
CONNECTIVITY BY 2030**



Two:

**PROMOTING DIGITAL PUBLIC
GOODS TO CREATE A MORE
EQUITABLE WORLD**



Three:

**ENSURING DIGITAL INCLUSION
FOR ALL, INCLUDING THE MOST
VULNERABLE**



Four:

**STRENGTHENING DIGITAL
CAPACITY-BUILDING**



Five:

**ENSURING THE PROTECTION OF
HUMAN RIGHTS IN THE DIGITAL
ERA**



Six:

**SUPPORTING GLOBAL
COOPERATION ON ARTIFICIAL
INTELLIGENCE**



Seven:

**PROMOTING TRUST AND
SECURITY IN THE DIGITAL
ENVIRONMENT**

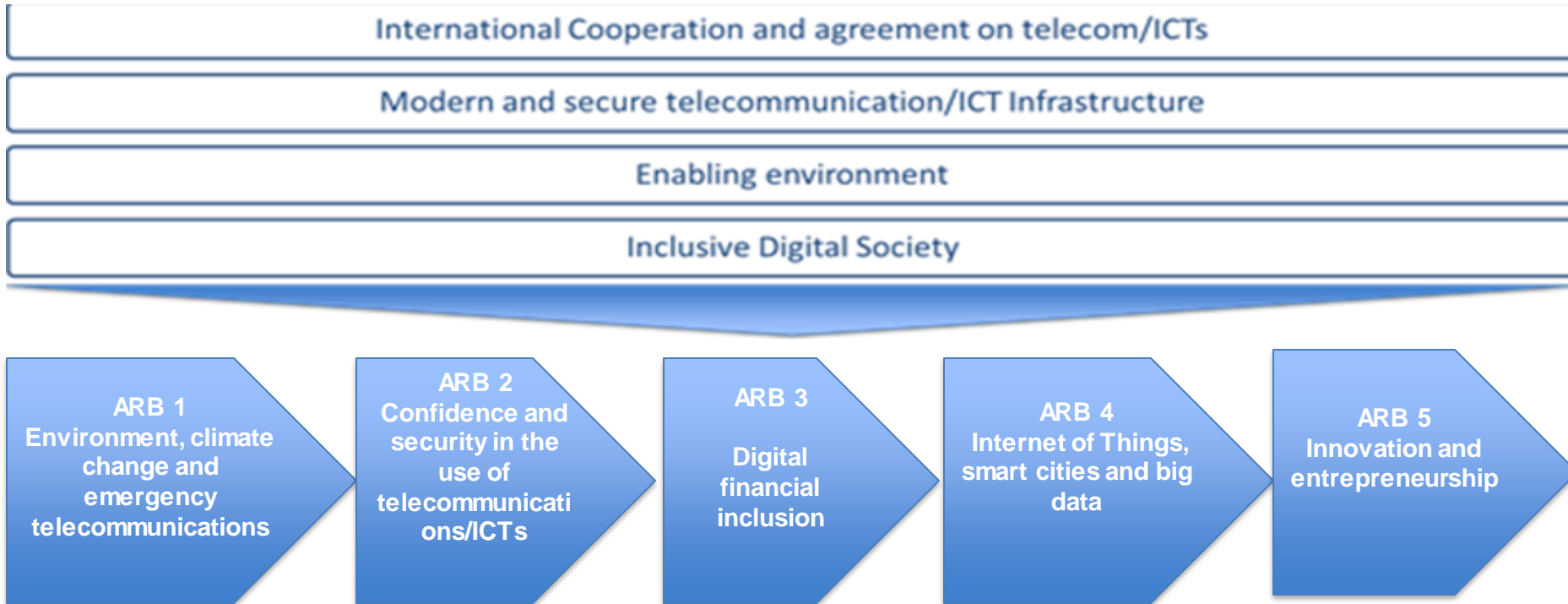


Eight:

**BUILDING A MORE EFFECTIVE
ARCHITECTURE FOR DIGITAL
COOPERATION**

ITU IN THE ARAB REGION

4 GLOBAL PRIORITIES



5 ARAB REGIONAL INITIATIVES

Snapshot of Global and Regional ICT Statistics

Overview - Global ICT indicators 2019 and 2020 where available

(per 100 inhabitants and per cent) and compound annual average growth rate (CAGR) for 2017-2019, 2017-2020 where available



15.2
(+5.7%)

Fixed Broadband Subscriptions



75
(+9.3%)

Mobile Broadband Subscriptions



51.4%*
(+3.5%)

Individuals using the Internet



48.3 %f /
55.2% m

Women and Men using the Internet



96.7%*
(+0.2%)

Mobile Network Coverage



72%

Urban Household Internet Access



37%

Rural Household Internet Access



57.4 %
(+3.7%)

Household Internet Access



93.1%*
(+1.9%)

Percentage of Population within reach of a 3G signal



84.7%*
(+4%)

Percentage of Population within reach of a 4G signal



717.9
tbit/s*
(+35.7%)

Total International Bandwidth



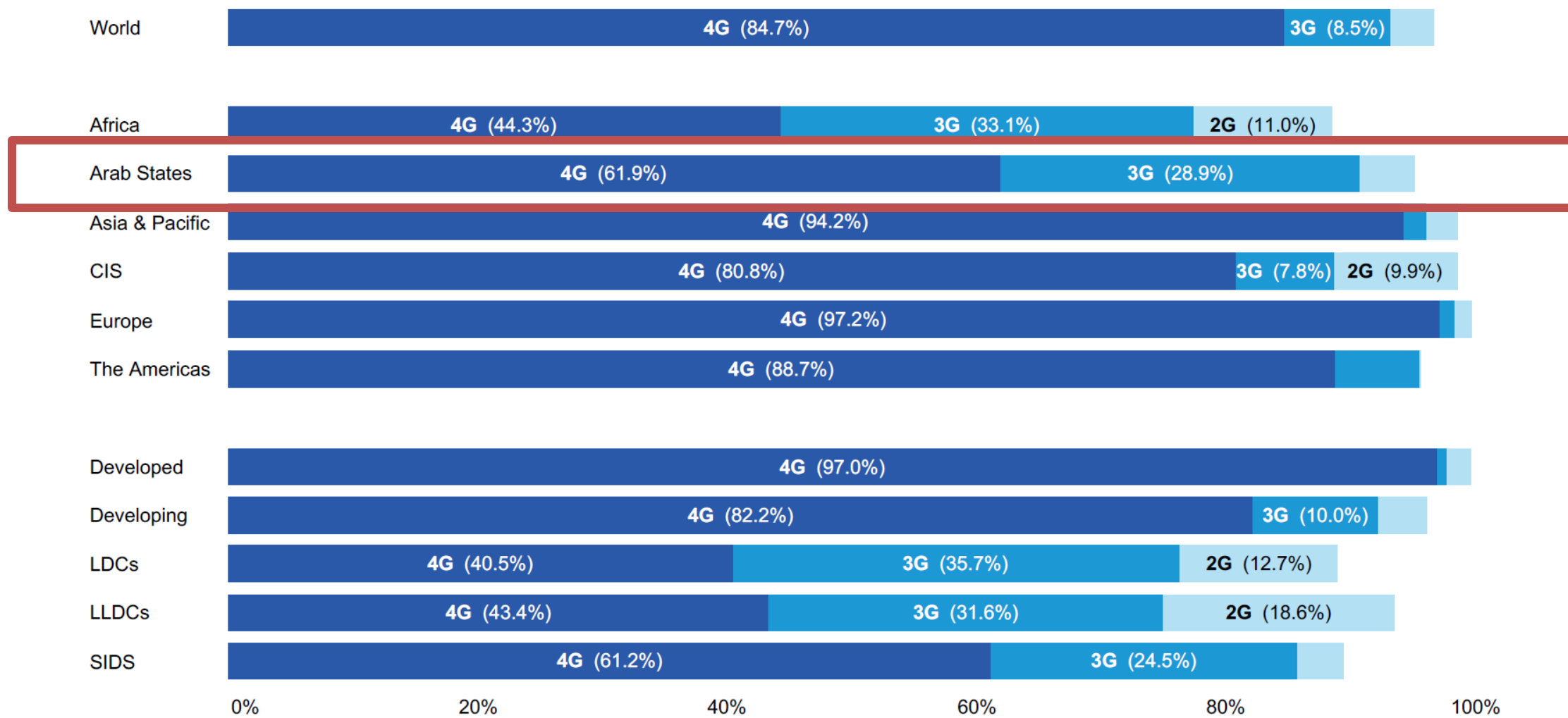
131.3
(+26.4%)

International Bandwidth per Internet user

Source: Source: Based on ITU WTI Database from 2017, 2019, and 2020 where available

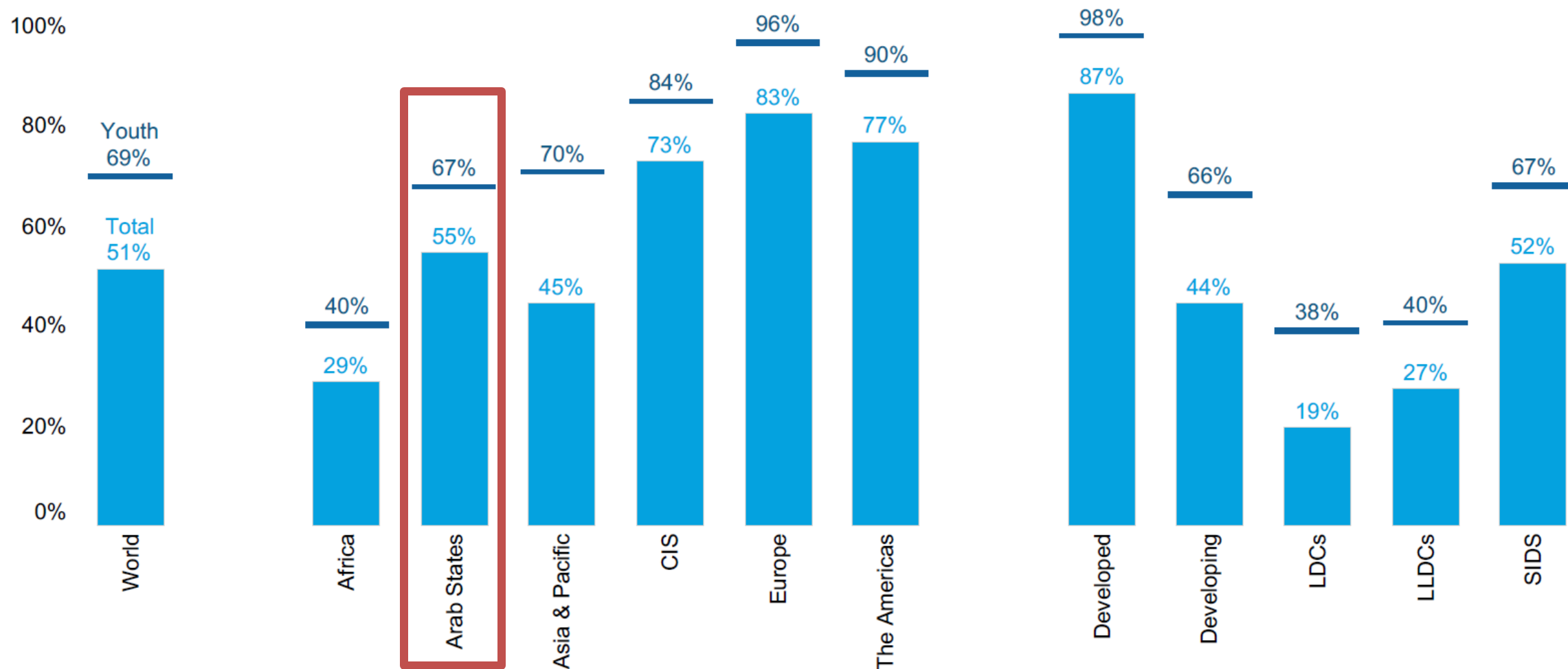
Regional Overview of ICT Statistics

Population coverage by type of mobile network, 2020*



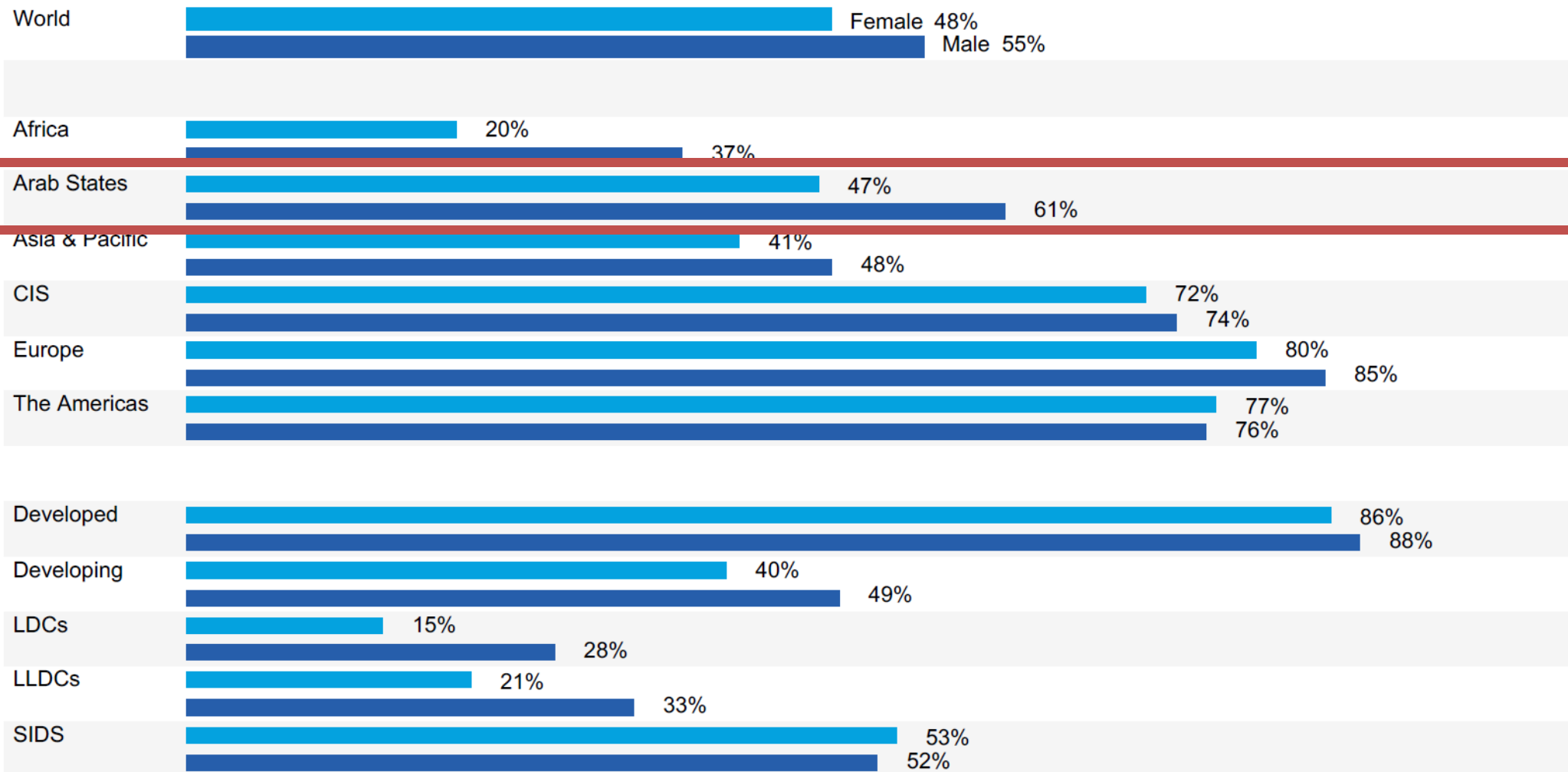
Regional Overview of ICT Statistics

Percentage of individuals using the Internet, 2019*



Regional Overview of ICT Statistics

Percentage of female and male population using the Internet, 2019*



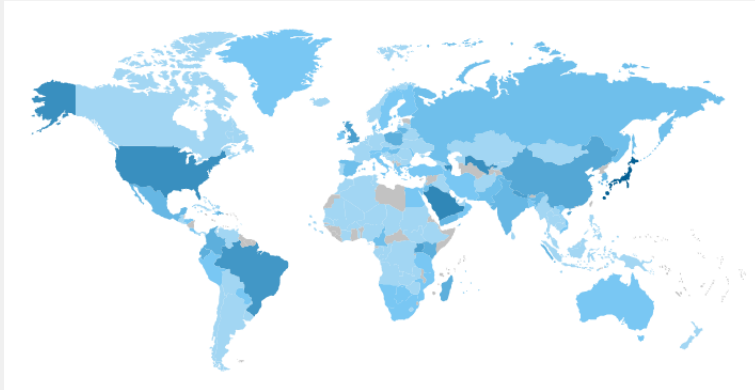
ITU COVID RESPONSE

COVID-19: ITU initiatives

#REG4COVID

This new Global Network Resiliency Platform (#REG4COVID) is a place where regulators, policy makers and other interested stakeholders can **share** information, **view** what initiatives and measures have been introduced around the world, and **discuss** and exchange among peers on experiences, ongoing initiatives, and innovative policy and regulatory measures designed to help ensure communities remain connected, that we support one another, and that we harness the full power and potential of ICTs during this crisis and to prepare for the medium and long-term recovery from COVID19.

REG4COVID Initiatives Around the World



This interactive map allows access to current and reliable country-specific official information on ICT policy and regulatory initiatives submitted directly to ITU by the Policy and Regulatory community.

- Reliable and trustworthy digital services for all to continue to work, study, care for others, and keep in touch with loved ones
- Leverage ICTs to help defeat COVID-19 and make us safer, stronger, and more connected.
- Universal, reliable, and affordable connectivity.



Broadband Commission Agenda for Action
Commissioners commit to champion and implement an agenda for action: resilient connectivity, affordable access and safe use of online services



Extraordinary G20 Digital Economy Ministerial Meeting

ITU supports the G20 Digital Economy Ministers in their commitment to sharing information in a secure manner and encouraging the research and development of digital technologies for health. G20 statement. ITU Secretary-General blog.



Reaching all, including those not connected to the Internet, with vital information
ITU and WHO, with support from UNICEF, will work with telecommunication companies to text people directly on their mobile phones with vital health messages

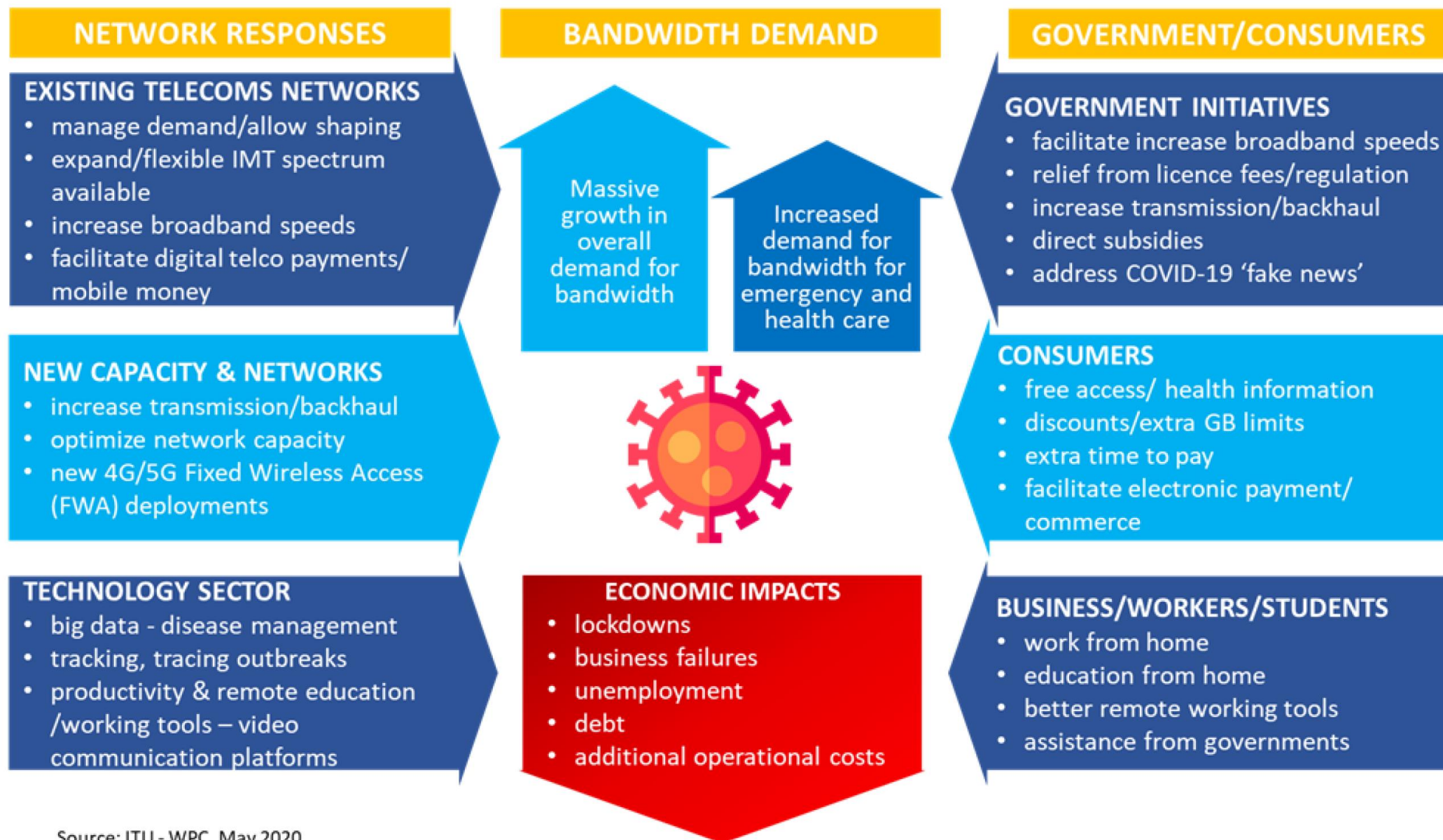


Action Plan

The World Bank, WEF, GSMA and ITU mobilized in the fight against COVID-19 - Statement, action plan and call to action

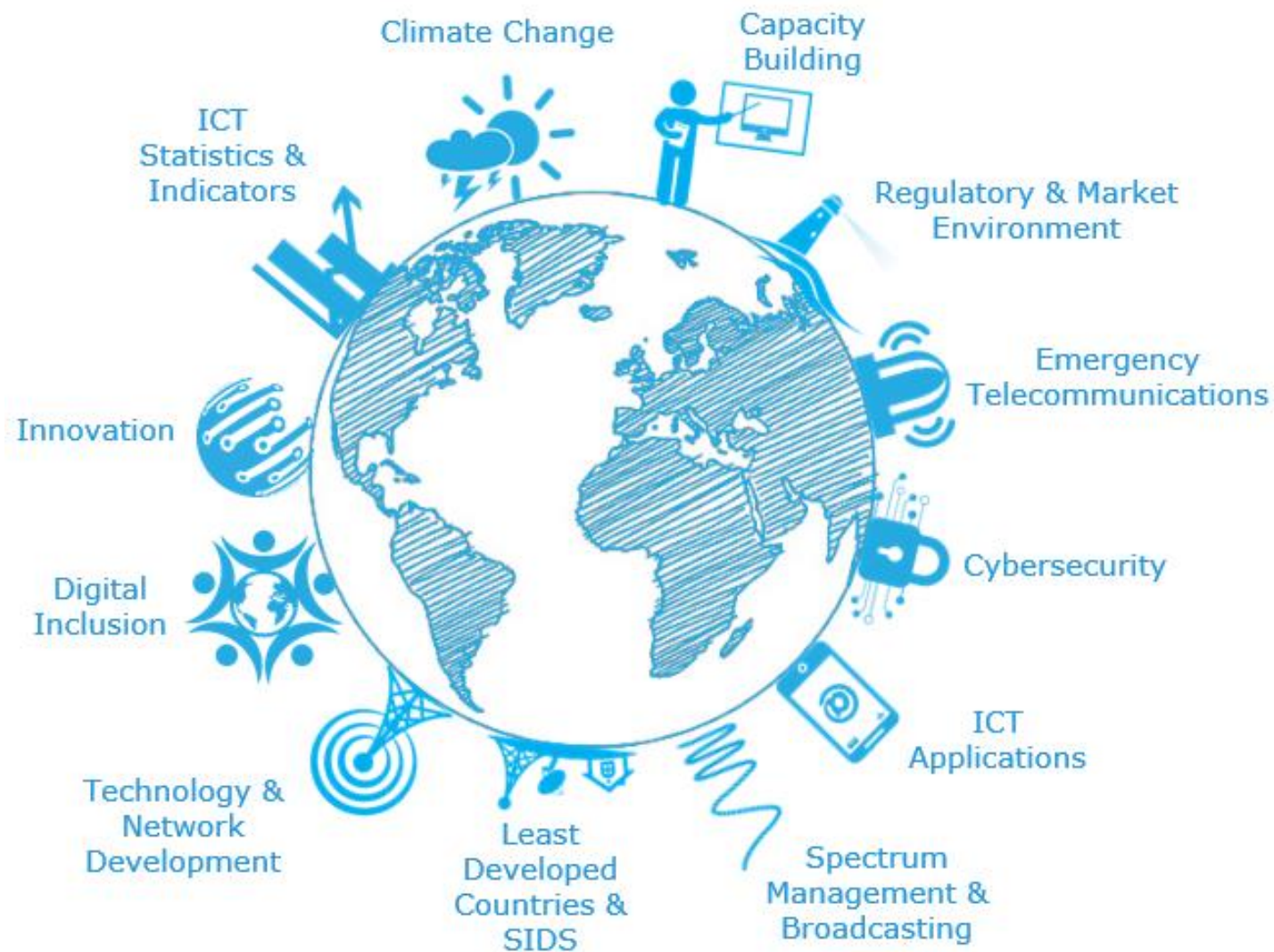


COVID-19: TELECOMMUNICATION/ICT SECTOR RESPONSES



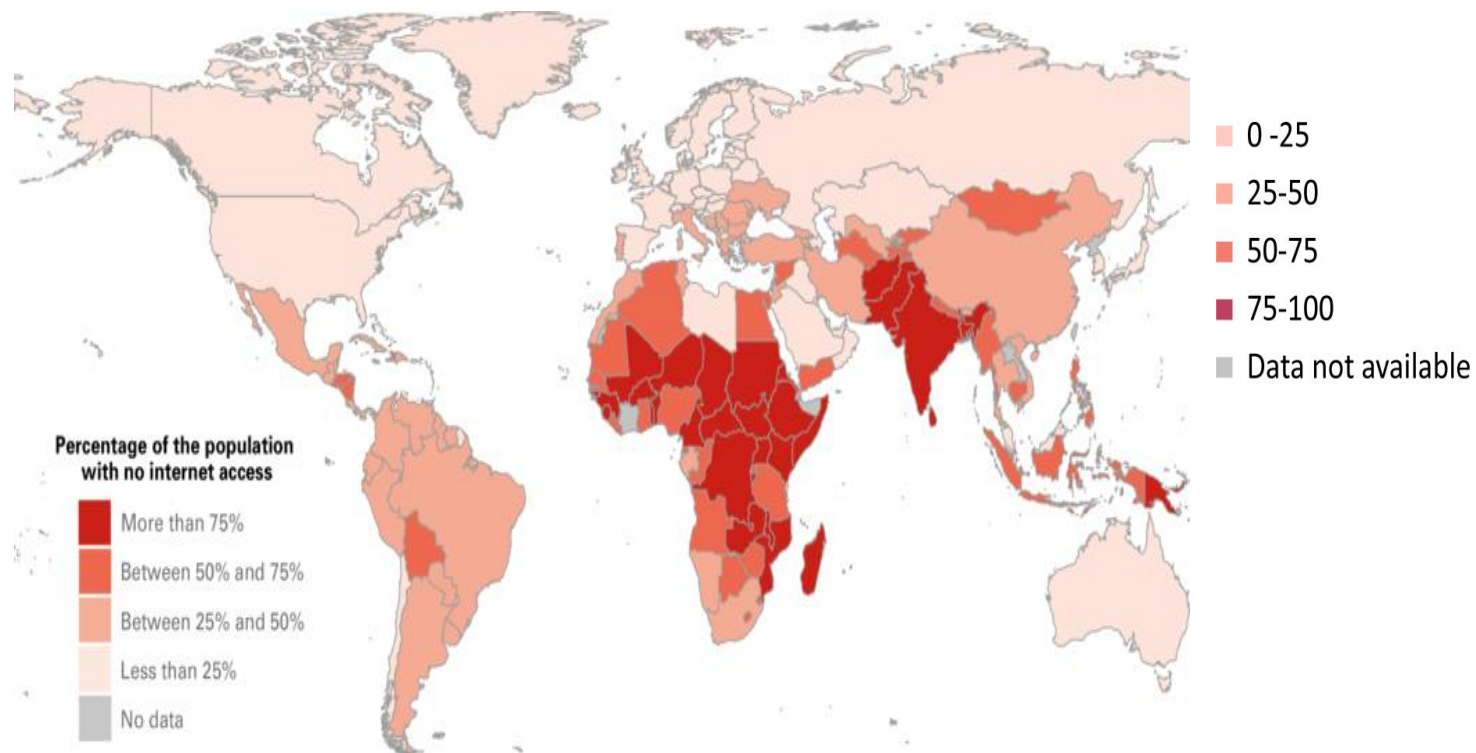
Overview of ITU-D Areas of Work

ITU Development Bureau Areas of Action



Network and Digital Infrastructure

- **Objective:** *Reliable Connectivity to Everyone*



Percentage of population not using the Internet, 2019*

Source: ITU *estimate

Spectrum Management

Broadcasting

Next Generation Networks

Broadband networks

Rural-Communications,

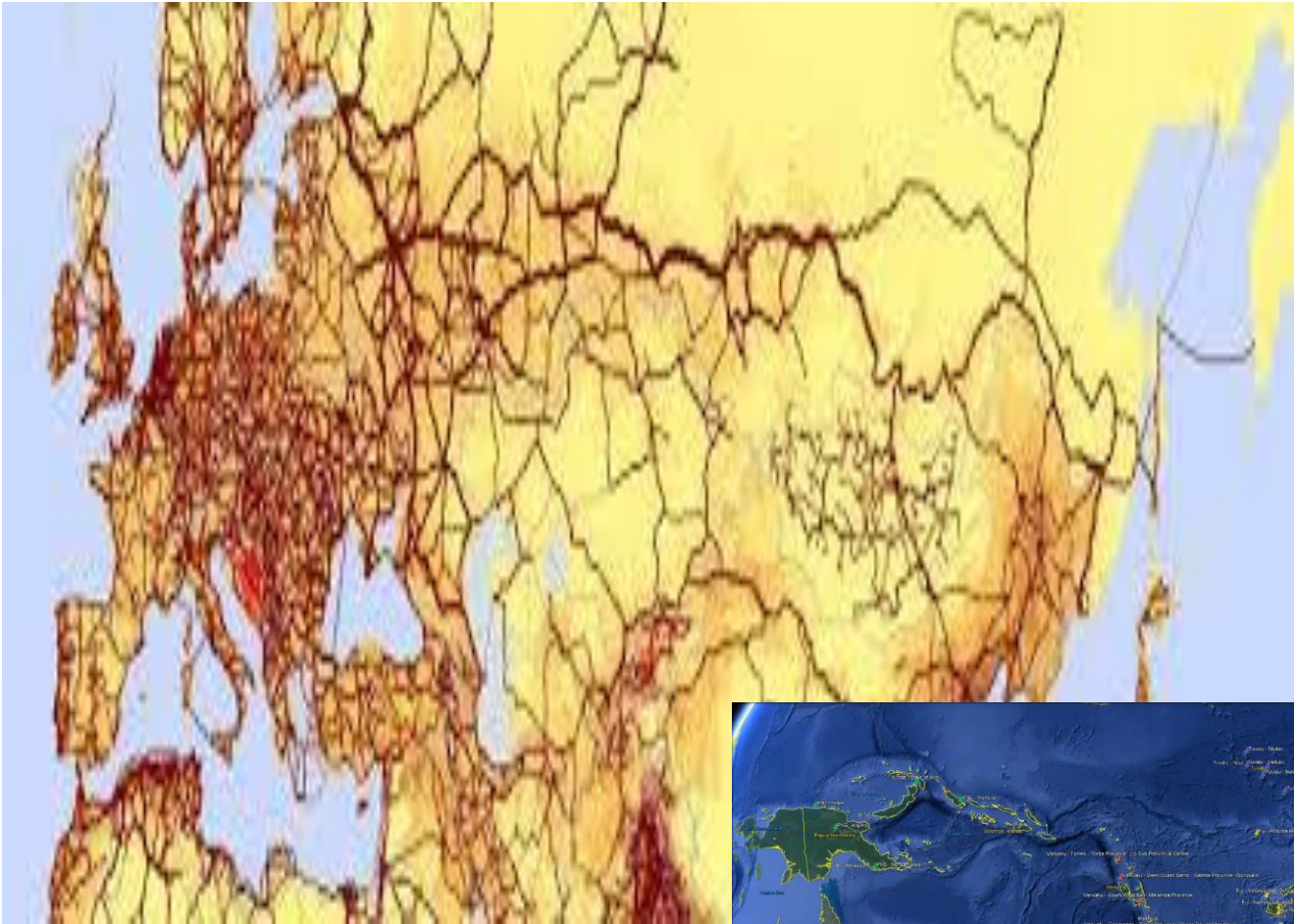
Bridging the Standardization Gap

Conformance and Interoperability

International Connectivity

Existing and planned national submarine cable systems in the Arab Region

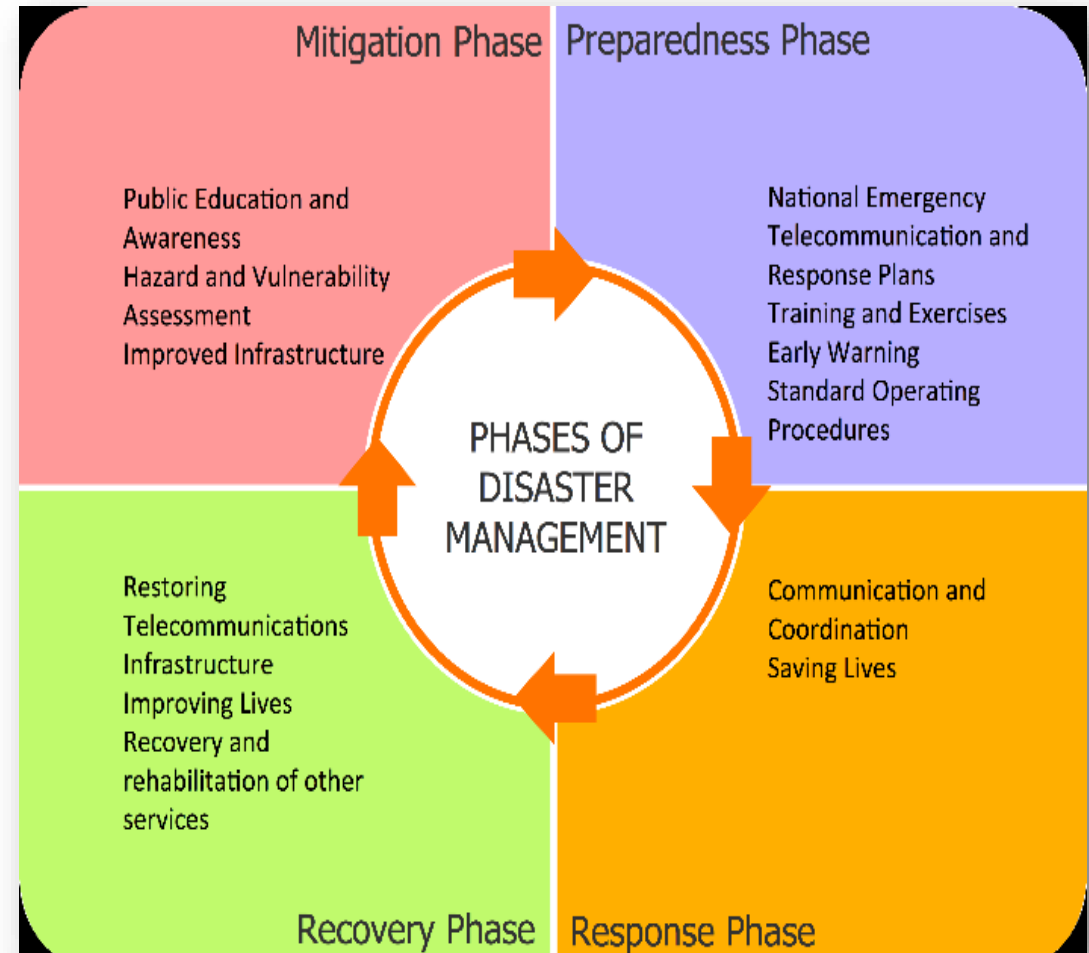
Region	ARB
Route Kilometres drawn	206030.08
Route Kilometres total	417034
Transmission links	1358
Nodes	820
Network operators	40
Popn within 10 km	98592500
Popn within 25 km	227680944
Popn within 50 km	330860424
Popn within 100 km	389670160



Source: Operators' websites. Current as of December 2019.
*Domestic links established as part of an international cable system
[A] Via the Manatua international cable (RFS 2020)
[B] Via the SEA-US international cable to Guam, and then the HANTRU-1 cable system

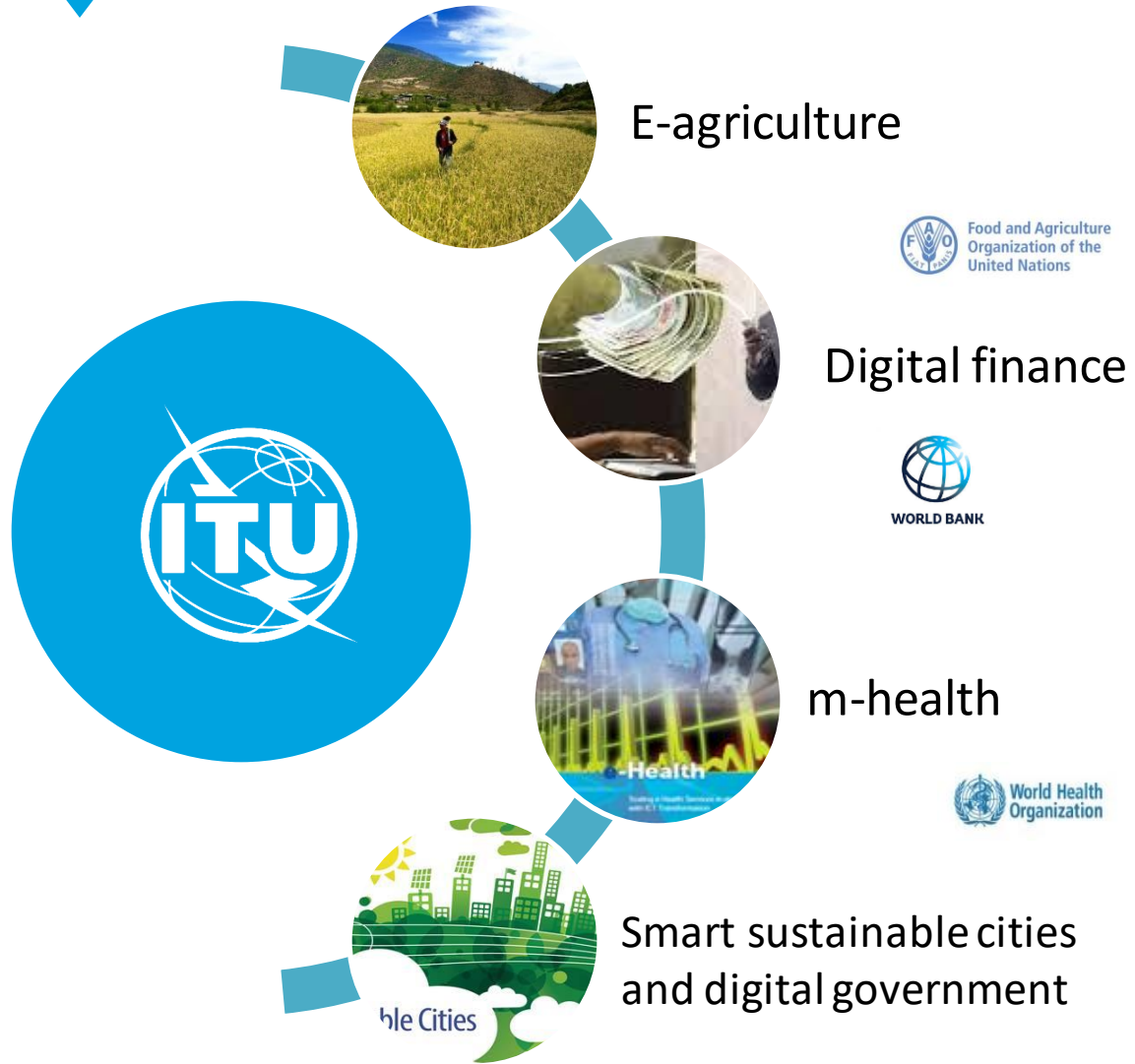
Emergency Telecommunication

- **Objective:** *Disaster-resilient ICT infrastructure for reduced loss of lives and damages*
 - ITU's Model Policy and Regulatory Framework on use of Telecom/ICTs in Emergency and Disaster Management in the Arab Region
 - ITU Guidelines for national emergency telecommunication plans
 - ITU Guide to develop a telecommunications/ICT contingency plan for a pandemic response
 - Developed a training modules on Common Alerting Protocol (CAP), Tampere Convention (TC) and Table-Top Exercises (TTX) for disaster management
 - Assisting countries on developing national emergency telecommunication plans
 - Deploying Multi-Hazard Early Warning System (MHEWS)
 - Delivering awareness activities on use/role of ICTs for Disaster Risk Reduction Arab region including activities on Common Alerting Protocol, Tampere Convention and Table-Top Exercises.

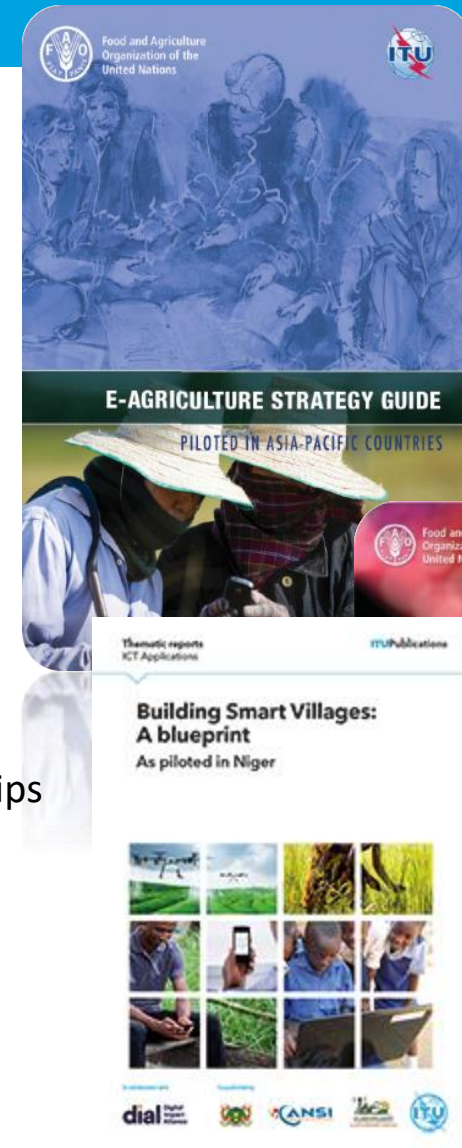


<https://www.itu.int/en/ITU-D/Emergency-Telecommunications/Pages/default.aspx>

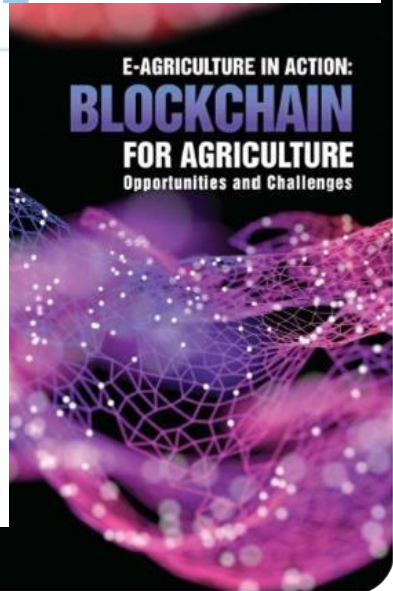
Digital Application and Services



Projects
National strategies
Case studies
Solutions support
Forums
Trainings
Projects and Partnerships



Digital Identity
Roadmap Guide



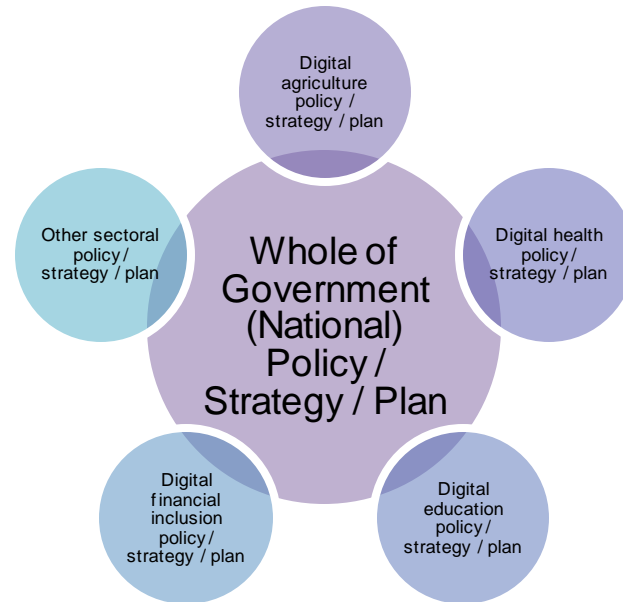
Whole-of-government approach for digital development



SDG

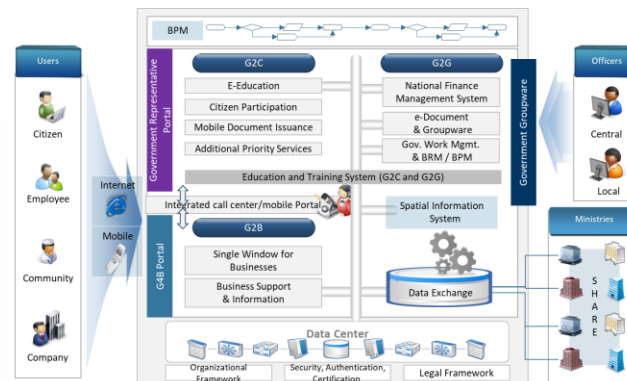


National Vision and SDG implementation plan

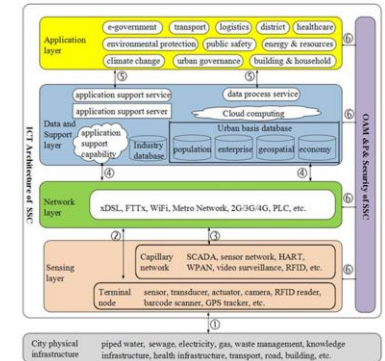


Legislations
Regulations

Customized
planning



Smart city



Smart village



Smart Islands



International level

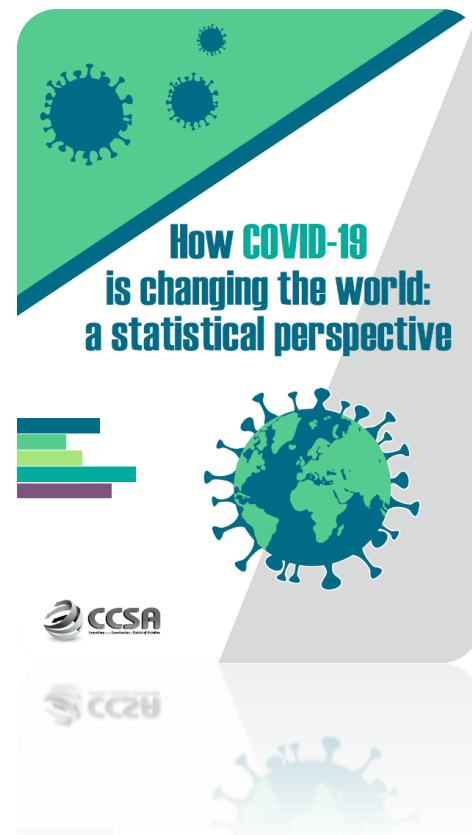
National level

Local level



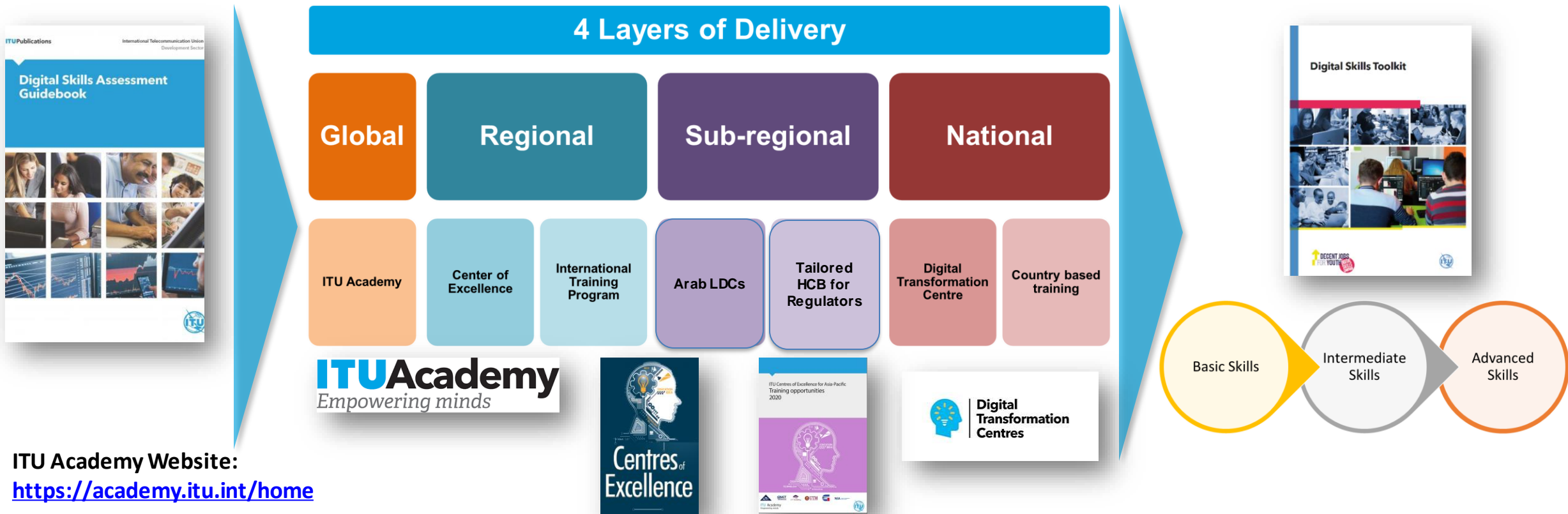
- **Objective:**

To support the ITU membership in taking informed policy and strategic decisions based on high quality, internationally comparable ICT statistics and data analysis.



Capacity Development

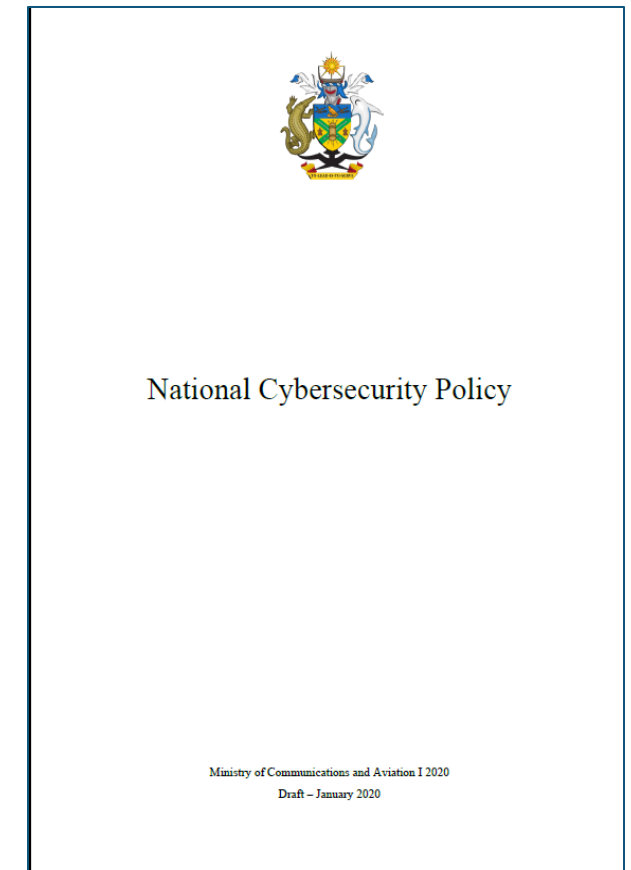
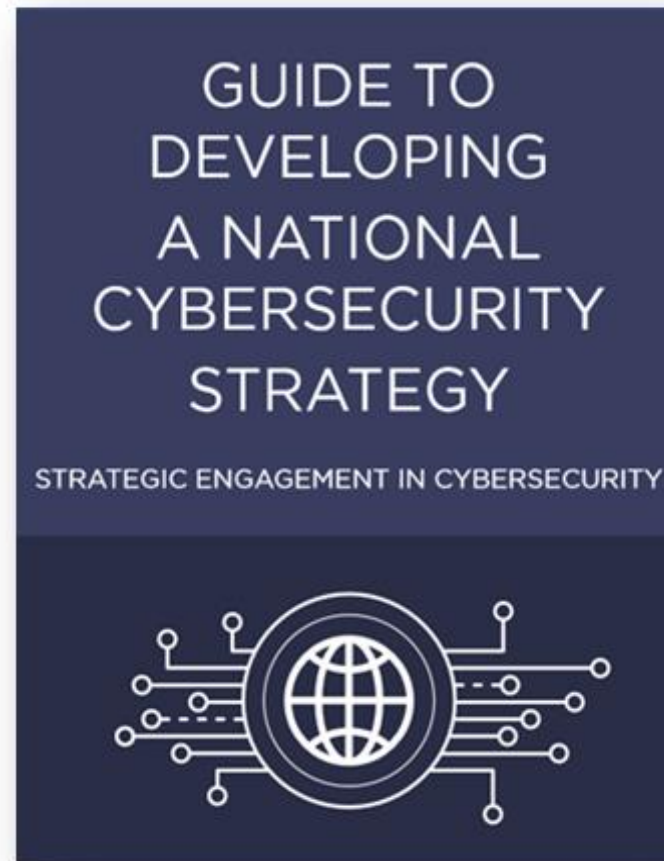
- **Objective:** Develop activities that supports **the capacity development of ICT professionals** and **digital skills of people**, to improve the level of digital competency of people who acquired the knowledge and skills in Arab region.

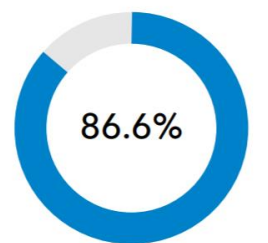


- **Objectives**

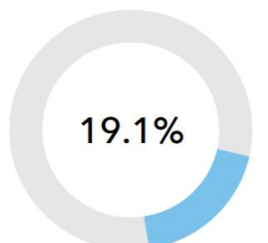
- To provide ICT policy makers and regulators with economic and digital regulatory tools, processes, procedures and mechanisms to promote:
 - engagement of a broad and diverse range of stakeholders in collaborative regulatory approaches across different
 - foster an informed, inclusive and evidence-based rule-making and decision-making process, with a social and economic impact
- Cross-sectoral and collaborative policy and regulatory frameworks for
 - facilitating digital market development
 - supporting economic growth and user well-being

- **National Cybersecurity Strategies**
- **CIRT Assessments**
- **Cyber Drills**
- **Critical National Infrastructure**
- **Capacity Building**
- **Global Cybersecurity Index**





Developed Countries



LDCs

Bridging the Digital Divide

Below half of the total population in Arab region have internet access

Arab states' gender gap* in internet use (percentage points)

2013



2019



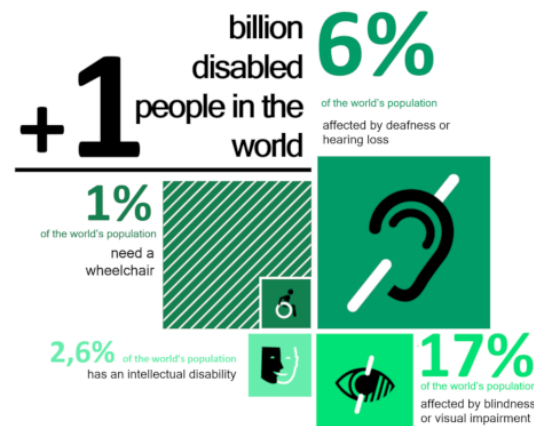
*Difference between the share of men who use the internet and the share of women who do so.

Source: ITU



Gender

Only 24.4 % of females are connected in the Arab region



Person with Disability

15% of population in Arab region experience some form of disability



Youths

The youth labour force participation rates in Arab Region currently stands below 50 per cent

Giga and Connect2Recover



unicef
for every child



Map schools to
identify connectivity
gaps



Build affordable and
sustainable Finance
models



Implement fit-for-purpose
infrastructure to Connect
schools and ultimately
every community and
every citizen



Empower learning and
other skills and services
via appropriate Digital
Public Goods



Connect2Recover is a global initiative that aims to reinforce the digital infrastructure and ecosystems of beneficiary countries.

Objective: provide means of utilizing digital technologies such as telework, e-commerce, remote learning and telemedicine to support the COVID-19 recovery efforts and preparedness for the 'new normal', and, where it is still needed, to prevent the spread of COVID-19 infections while maintaining socio-economic activities.



EQUALS

Leveraging the power of partnership
to bridge the gender digital divide

Organised by:



ATRA
AFGHANISTAN TELECOM
REGULATORY AUTHORITY



EQUALS
GLOBAL PARTNERSHIP

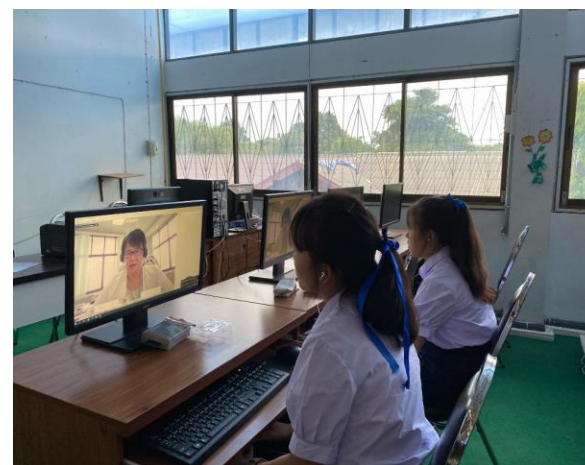
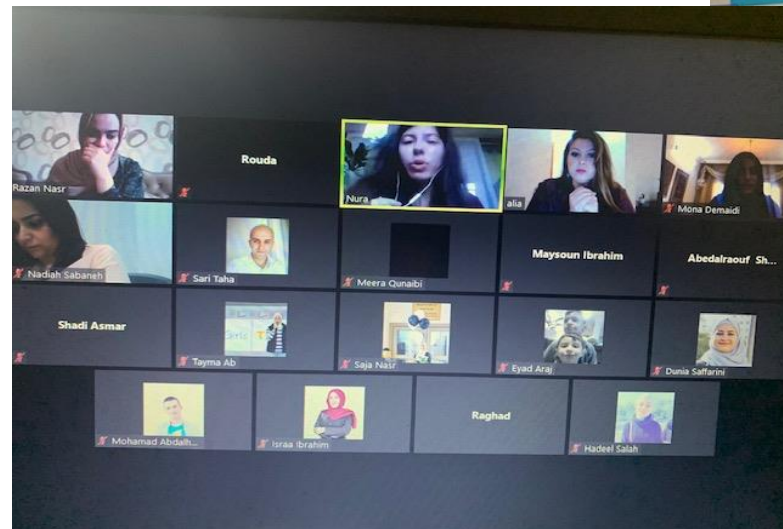
In collaboration with:



Strong
United Nations
Strong
Afghanistan



Girls in ICT Day



The plenary and opening ceremony on 17 August 2020

The closing ceremony on 17 September 2020

ITU REGIONAL DEVELOPMENT FORUM

ITURDF

ARAB STATES REGION

ONLINE 2020

25 Nov.
13.30 – 15.00

Session 2: **One ITU: Aligning Regional Synergies Through the Regional Preparation for WRC, WTSA and WTDC**



Eng. Rouda AlAmir Ali
Programme Officer, ITU
Arab Regional Office



Mr. Tariq AlAwadhi
ASMG Chairman for WRC-
23



Mr. Joaquin Restrepo,
Capacity Building Coordinator,
ITU Radiocommunication
Bureau Organization



Mr. Al Ansari Mohammad
Almashakbeh
Ex Vice-Chair of the Arab
Preparatory Group for the WTDC-
17



Mr. Marco Obiso
Chief a.i. Digital Network and
Society(DNS) Department, ITU
Telecommunication
Development Bureau



Mr. Ahmed Said
Vice-Chair of the Arab
Preparatory Group for the
WTSA-20



Mr. Bilel Jamoussi
Chief, Study Groups Department,
Telecommunication Standardization
Bureau, ITU

www.itu.int/go/RDF-ARB2020

ITURDF
ARAB STATES REGION
ONLINE 2020



Example of some Arab Region Projects

Title	Partners	Beneficiary Countries
Regional Project on Children Financial Literacy “Malee”	Meem Ain	Saudi Arabia
Expertise on Regional E-waste Monitor for Arab Region	UNU & UNEP	22 Arab Countries
Establishment of a Cybersecurity Innovation Centre for the Arab Region	Ministry (Oman)	22 Arab Countries (& Global)
m Health for Strengthening National Diabetes Prevention and control in Tunisia	WHO	Tunisia
National Implementation of the Financial Inclusion Global Initiative (FIGI) - Egypt	World Bank and Bill & Melinda Gates Foundation	Egypt
Assistance in Telecommunication/ICT in ITU Regions	CITC (Saudi Arabia)	22 Arab Countries
Assistance to Arab Technoparks and Incubators Network - ARTECNET	King Abdulaziz Technology City	22 Arab Countries
Regional ITU IPv6 and IoT Expertise Centre for Arab region	TRPA (Sudan)	22 Arab Countries
Advisory Services to Saudi Communications & Information Technology Commission (CITC)	CITC (Saudi Arabia)	Saudi Arabia
Policy and Regulation Initiative for DigitalAfrica (PRIDA)	ATU and EU	(10 Arab countries in Africa) Algeria, Comoros, Djibouti, Egypt, Libya, Mauritania, Morocco, Somalia, Sudan, Tunisia
GIGA	UNICEF	Interest received from Iraq and Palestine

ITU WTDC 2021



- Organized every four years to consider topics, projects and programmes relevant to telecommunication development.
- Some topics covered: digital empowerment of Youth, Women in ICT, Digital Innovation and partnerships especially with the UN family
- WTDC-21 to be hosted by the Government of Ethiopia and take place in Addis Ababa from 8-19 November 2021.

Explore more information about **ITU WTDC-21** at:

<https://www.itu.int/en/ITU-D/Conferences/WTDC/WTDC21/>

WTDC Regional Preparatory Meeting

- The Arab Regional Preparatory Meeting (RPM) to be held from 7-8 April 2021
- To be attended by membership including Member States, Sector Members, Academia and civil society to discuss regional priorities of ITUs work to support digital transformation in the Arab region
- Side events before and during the above-mentioned times related to:
 - Generation Connect to discuss how to include youth
 - Session on Network of Women (NoW)

<https://www.itu.int/en/ITU-D/Conferences/WTDC/WTDC21/Pages/RPM-ARB.aspx>



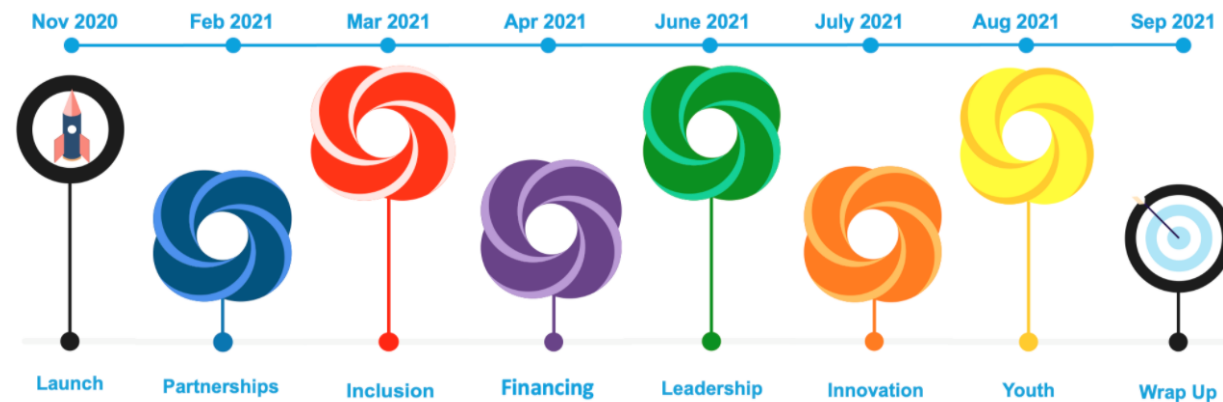
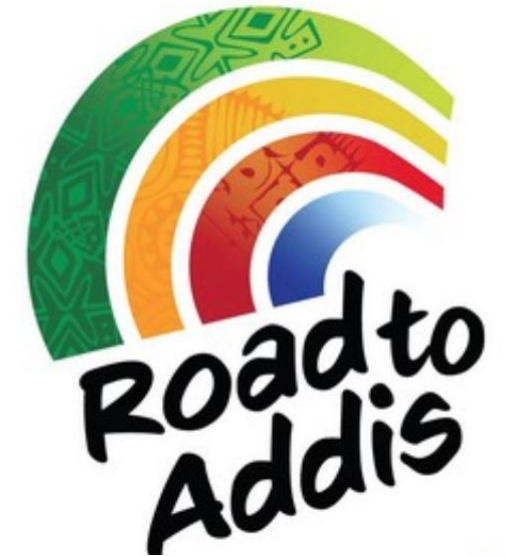


Explore more information about **ITU WTDC-21** at:

<https://www.itu.int/en/ITU-D/Conferences/WTDC/WTDC21/>

ITUWebinars

**Road to Addis:
towards #ITUWTDC**



Offering to UNRCs and UNCTs

Summary Offering to UNRCs and UNCTs

- It is important to highlight that Ministries of ICTs and Telecom Regulators are at the heart of digital transformation efforts
- As the UN Specialized Agency for ICTs, ITU is in a strategic position to liaise and partner with the UNRCs and UNCTs and the Ministries of ICTs, Telecom Regulators and ICT stakeholders to support and promote digital transformation, meaningful connectivity and achieving the SDGs 2030.
- ITU could support the united nations agencies when it comes to bridging digital gap and to leveraging ICT for sustainable development.

Thank You



ITU Arab Regional Office Website:

<https://www.itu.int/en/ITU-D/Regional-Presence/ArabStates/Pages/default.aspx>

Contact Us

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+20235371777

Q & As

Thank you for attending and being part of our event