Outcome of Plenipotentiary Conference – 22 (PP-22)

RDF - September 2023

Source: ITU News (No 5, 2022)

PP-22 elected

ITU new management
48 Member States to regionally allocated seats on the ITU Council
12 members to serve on the Radio Regulations Board

PP-22 Resolutions

Resolutions on:

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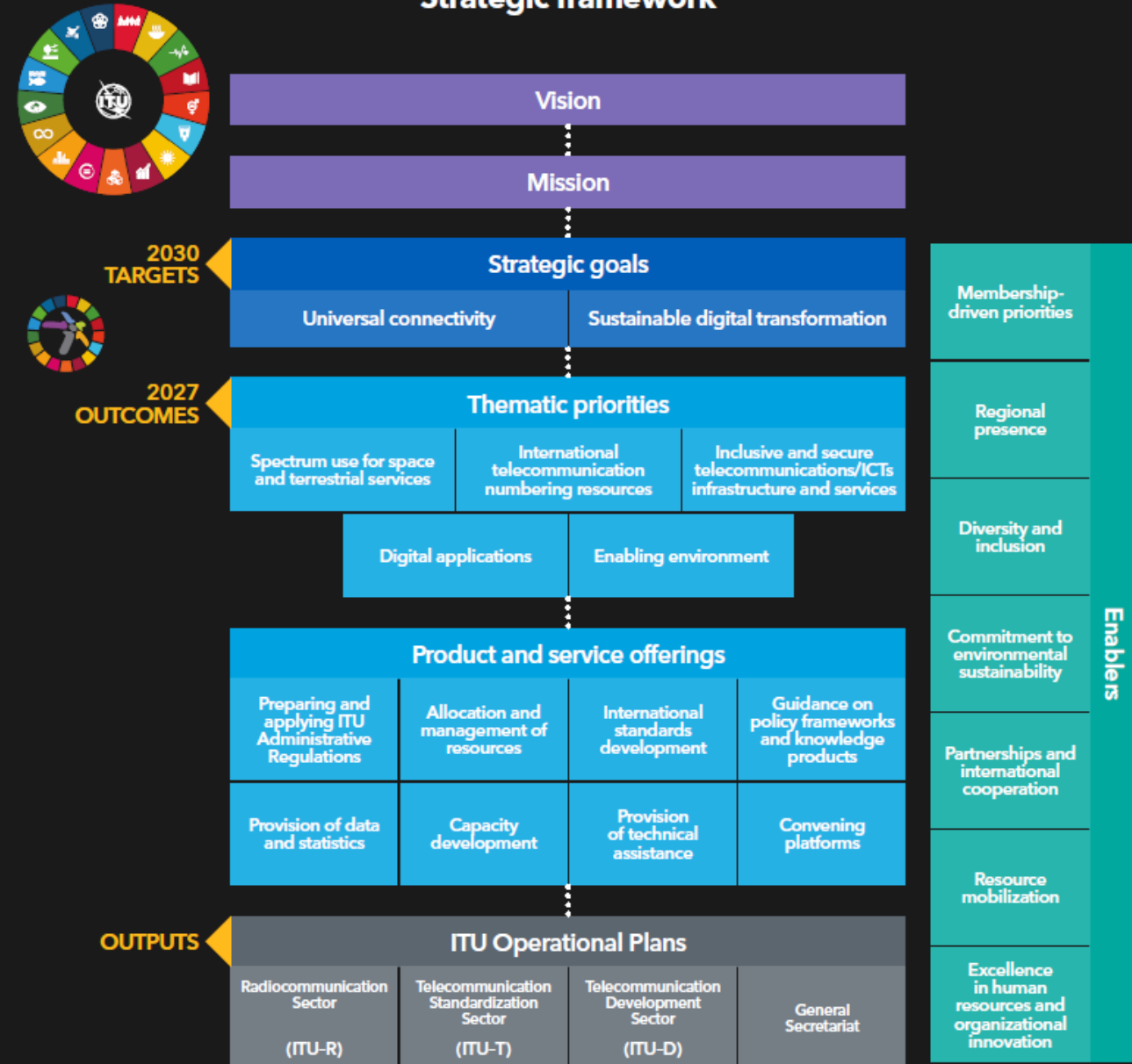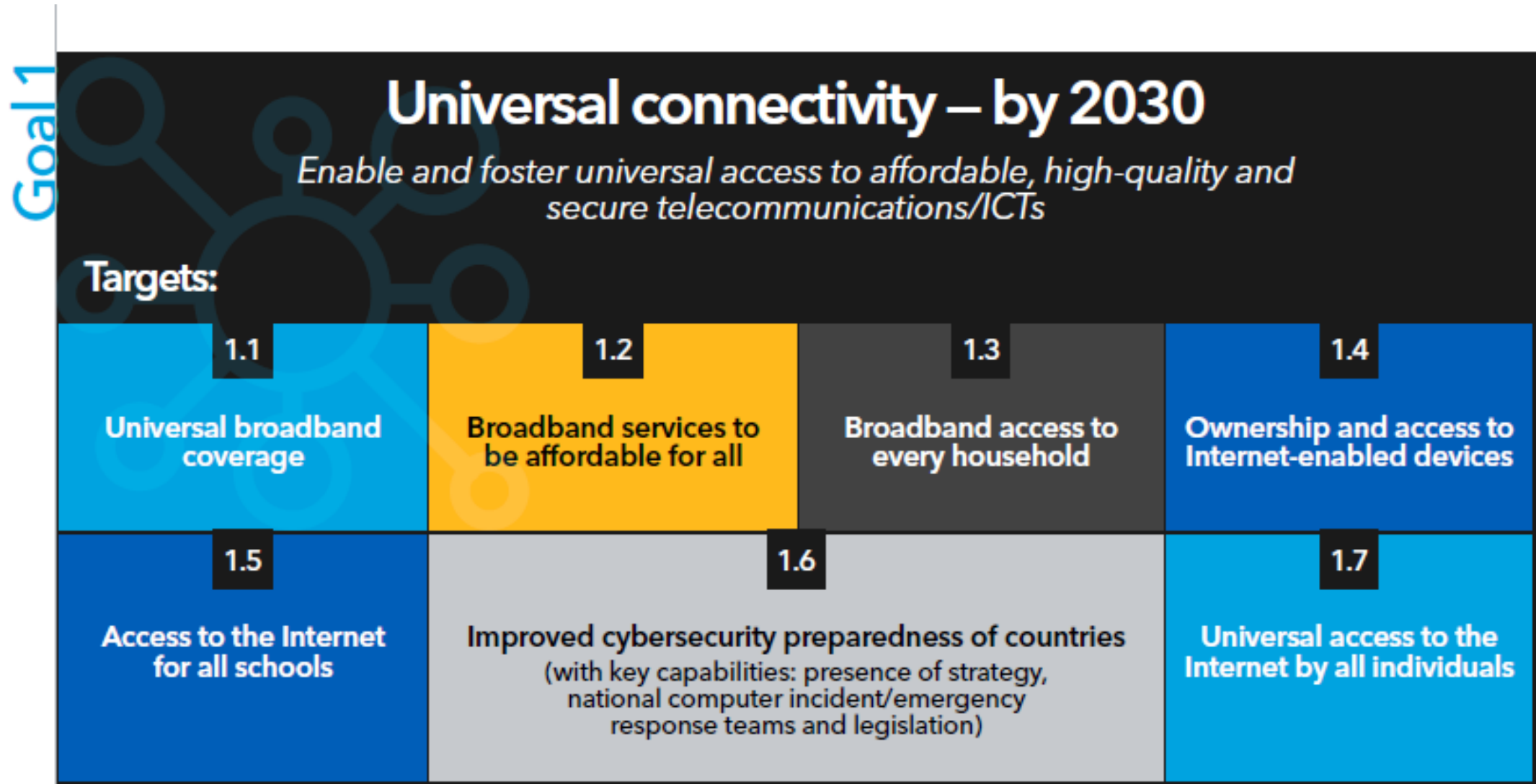
ITU Strategic Plan

Available at https://www.itu.int/pub/S-CONF-ACTF-2022

Source: ITU News (No 5, 2022)

ITU Strategic Plan 2024-2027
Strategic framework

Vision

Mission

2030 TARGETS

Strategic goals

Universal connectivity	Sustainable digital transformation

2027 OUTCOMES

Thematic priorities

Spectrum use for space and terrestrial services	International telecommunication numbering resources	Inclusive and secure telecommunications/ICTs infrastructure and services

Digital applications	Enabling environment

Product and service offerings

Preparing and applying ITU Administrative Regulations	Allocation and management of resources	International standards development	Guidance on policy frameworks and knowledge products
Provision of data and statistics	Capacity development	Provision of technical assistance	Convening platforms

OUTPUTS

ITU Operational Plans

Radiocommunication Sector (ITU-R)	Telecommunication Standardization Sector (ITU-T)	Telecommunication Development Sector (ITU-D)	General Secretariat

Enablers

- Membership-driven priorities
- Regional presence
- Diversity and inclusion
- Commitment to environmental sustainability
- Partnerships and international cooperation
- Resource mobilization
- Excellence in human resources and organizational innovation

ICTs = Information and communication technologies

ITU Strategic Plan – Goal 1

Goal 1

Universal connectivity – by 2030

Enable and foster universal access to affordable, high-quality and secure telecommunications/ICTs

Targets:

1.1 Universal broadband coverage	1.2 Broadband services to be affordable for all	1.3 Broadband access to every household	1.4 Ownership and access to Internet-enabled devices
1.5 Access to the Internet for all schools	1.6 Improved cybersecurity preparedness of countries (with key capabilities: presence of strategy, national computer incident/emergency response teams and legislation)		1.7 Universal access to the Internet by all individuals

Source: ITU News (No 5, 2022)

ITU Strategic Plan – Goal 2

Goal 2

Sustainable digital transformation – by 2030

Foster equitable and inclusive use of telecommunications/ICTs to empower people and societies for sustainable development

Targets:

2.1 All digital gaps to be bridged (in particular gender, age and urban/rural)

2.2 Majority of individuals to have digital skills

2.3 Universal usage of Internet services by businesses

2.4 Majority of individuals accessing government services online

2.5 Significant improvement of ICTs' contribution to climate and environment action

Source: ITU News (No 5, 2022)

WTDC-22

ITUWTDC
KIGALI**2022**

6-16 June 2022
Kigali, Rwanda

2152 participants
(150 Member States, 96 companies and organizations,
Academia, UN System)

Outcomes:

Kigali Declaration
Reinforcing the political support for the mission and strategic objectives of the ITU Telecommunication Development Sector (ITU-D)

ITU–D's contribution to the ITU Strategic Plan for 2024–2027

Kigali Action Plan
Regional initiatives; new and revised resolutions and recommendations; new and revised questions to be studied by ITU-D Study Groups

A rich two-week programme featuring:

| A high-level plenary segment | Strategic discussions |

Generation Connect Global Youth Summit
Partner2Connect Digital Development Roundtable
Launch of the Global Connectivity Report
Network of Women (NoW) events
Annual meeting of the ITU/UNESCO Broadband Commission for Sustainable Development

Source: ITU News (No 3, 2022)

Study Groups

Study Group 1

Q1/1	Strategies and policies for the deployment of broadband in developing countries
Q2/1	Strategies, policies, regulations and methods of migration to and adoption of digital technologies for broadcasting, including to provide new services for various environments
Q3/1	The use of telecommunications/information and communication technologies (ICTs) for disaster risk reduction and management
Q4/1	Economic aspects of national telecommunications/ICTs
Q5/1	Telecommunications/ICTs for rural and remote areas
Q6/1	Consumer information, protection and rights
Q7/1	Telecommunication/ICT accessibility to enable inclusive communication, especially for persons with disabilities

Enabling environment for meaningful connectivity

ITU Publications — International Telecommunication Union — Development Sector

World Telecommunication Development Conference 2022 (WTDC-22)
Final Report

ITU WTDC

Source: ITU News (No 3, 2022)

Study Groups

Study Group 2

Q1/2	Sustainable smart cities and communities
Q2/2	Enabling technologies for e-services and applications, including e-health and e-education
Q3/2	Securing information and communication networks: Best practices for developing a culture of cybersecurity
Q4/2	Telecommunication/ICT equipment: Conformance and interoperability, combating counterfeiting and theft of mobile devices
Q5/2	Adoption of telecommunications/ICTs and improving digital skills
Q6/2	ICTs for the environment
Q7/2	Strategies and policies concerning human exposure to electromagnetic fields

Digital transformation

World Telecommunication Development Conference 2022 (WTDC-22) Final Report

New Resolutions

Digital transformation for sustainable development

Drive efforts to advance digital transformation for sustainable development, recognizing the enormous potential that information and communication technologies (ICTs) have to create positive, meaningful and lasting change.

1

Connecting every school to the Internet and every young person to information and communication technology services

Ensure every school is connected to the Internet through the joint ITU-UNICEF Giga initiative.

2

The ITU Partner2Connect Digital Coalition

Confirm the Partner2Connect Digital Coalition as the primary platform to foster new partnerships around meaningful connectivity and digital transformation globally, focusing on the hardest-to-connect communities.

3

Fostering telecommunication/ICT-centric entrepreneurship and digital innovation ecosystems for sustainable digital development

Create a thriving environment for entrepreneurship and digital innovation ecosystems to help accelerate the achievement of the Sustainable Development Goals.

4

Source: ITU News (No 3, 2022)

Asia-Pacific Regional Initiatives

ITU Regional Initiatives 2023-2025

Asia and the Pacific

ASP1 — Addressing special needs of least developed countries, small island developing states, including Pacific island countries, and landlocked developing countries

ASP2 — Harnessing information and communication technologies to support the digital economy and inclusive digital societies

ASP3 — Fostering development of infrastructure to enhance digital connectivity and connecting the unconnected

ASP4 — Enabling policy and regulatory environments to accelerate digital transformation

ASP5 — Contributing to a secure and resilient ICT environment

Learn more at
www.itu.int/AsiaPacific

World Telecommunication Development Conference 2022 (WTDC-22) Final Report

Progress of SDGs in Asia and the Pacific

The region needs to make a lot of progress in achieving all the SDGs.

The region will miss the 2030 target by several decades

2015   2022   2030 Target

1 No Poverty
2 Zero hunger
3 Good health and well-being
4 Quality education
5 Gender equality
6 Clean water and sanitation
7 Affordable and clean energy
8 Decent work and economic growth
9 Industry, innovation and infrastructure
10 Reduced inequalities
11 Sustainable cities and communities
12 Responsible consumption and production
13 Climate action
14 Life below water
15 Life on land
16 Peace, justice and strong institutions
17 Partnership for the goals

Progress since 2015   Regression   Insufficient Indicators

Source: ESCAP, SDG Pathway – Asia Pacific

Population covered by a mobile network

ITU

Region	Coverage
World	4G (88%)
Africa	4G (50%) · 3G (33%) · 2G (9%)
Americas	4G (92%)
Arab States	4G (76%) · 3G (20%)
Asia-Pacific	4G (96%)
CIS	4G (92%)
Europe	4G (99%)
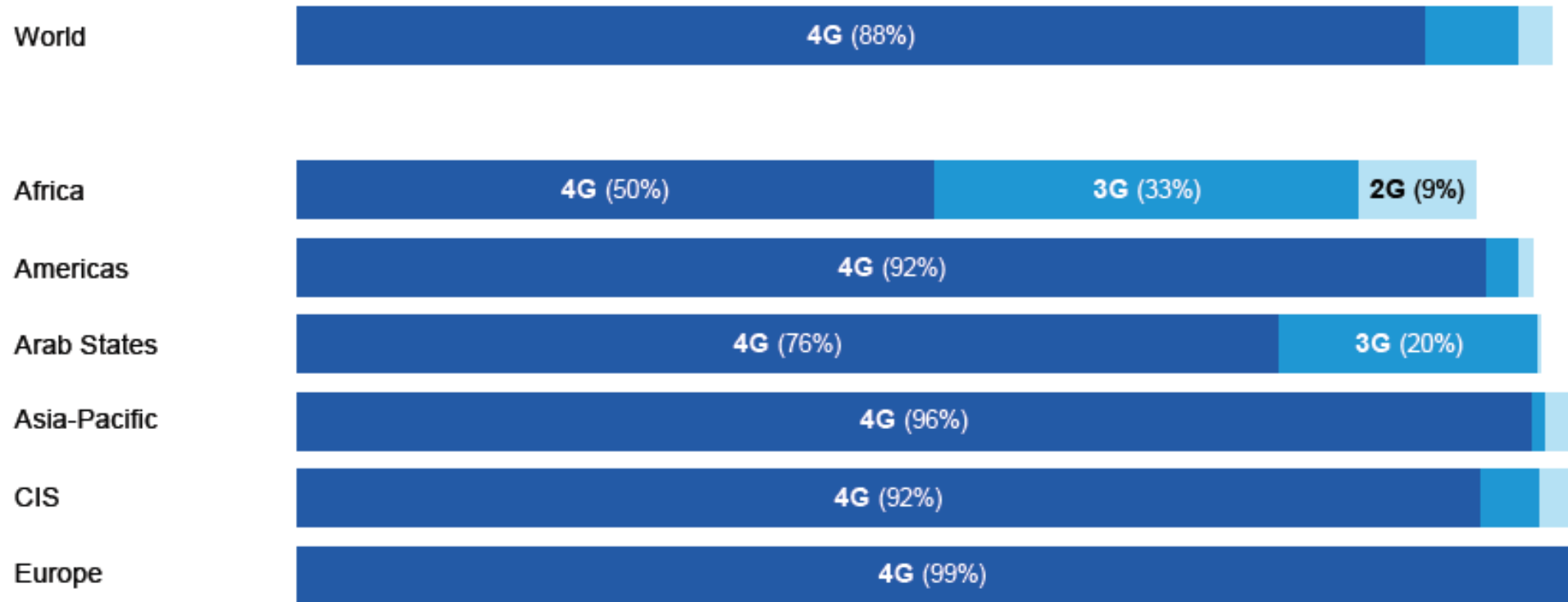
Population coverage by type of mobile network

Although 96% per cent of the population in Asia-Pacific has been covered with 4G mobile network.....

Percentage of individuals using a mobile phone

Percentage of individuals using internet

- 64 percent of the population in the region have access to the internet whereas the global average is 65 percent

- Better Service affordability and improved ICT awareness can bridge the gap

Category	Percentage
World	Total 66%
Africa	40%
Americas	83%
Arab States	70%
Asia-Pacific	64%
CIS	84%
Europe	89%
Low-income	26%
Lower-middle-income	56%
Upper-middle-income	79%
High-income	92%
LDCs	36%
LLDCs	36%
SIDS	66%

Source: ITU Facts and Figures, 2022
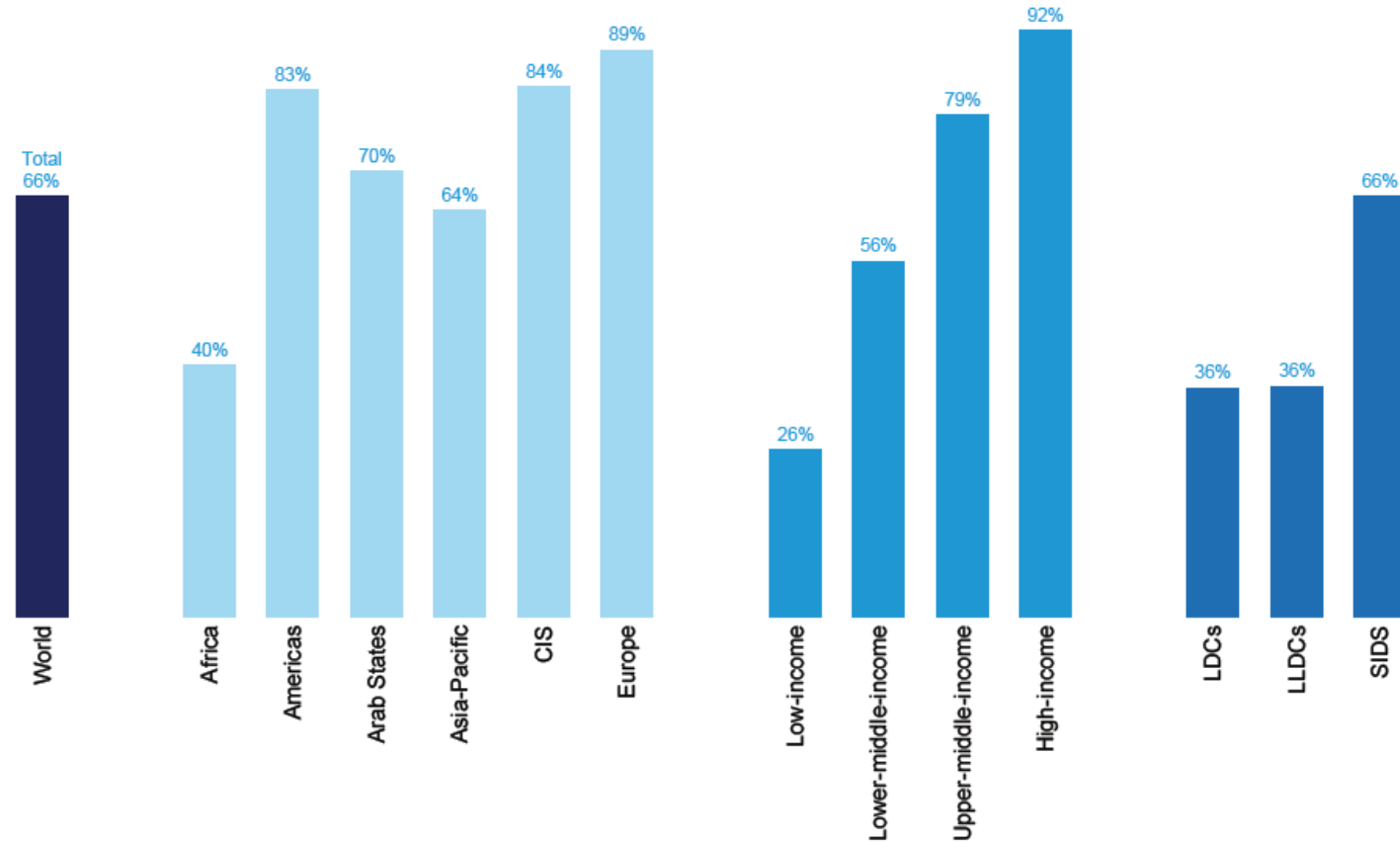
Population covered by a mobile network and individuals using mobile phones

…. Only 67 per cent of individuals are likely to own a mobile phone

73 — World
61 — Africa
88 — Americas
81 — Arab States
67 — Asia-Pacific
91 — CIS
93 — Europe
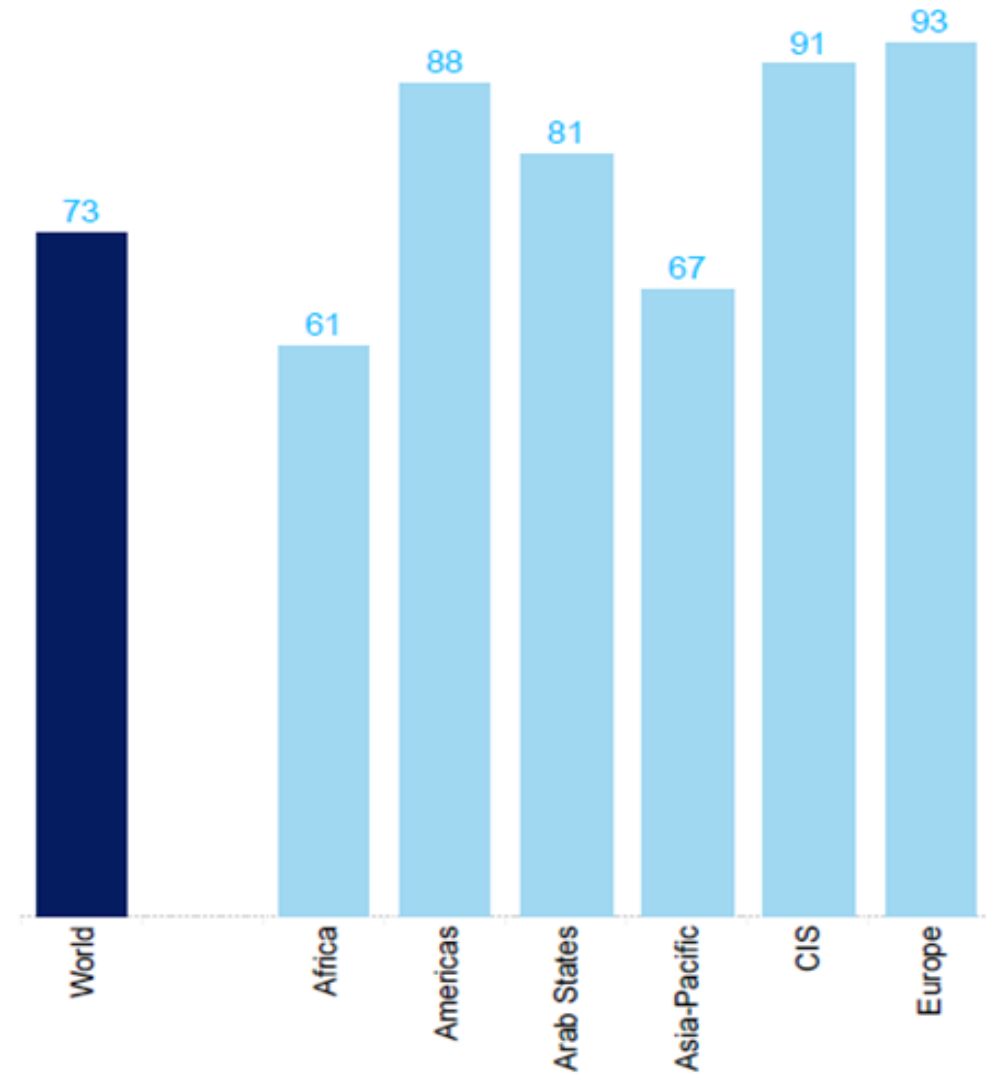
Percentage of individuals using a mobile phone

Broadband Service Affordability (mobile)

Data-only mobile broadband basket (per centage of GNI per capita) - 2022

*no data
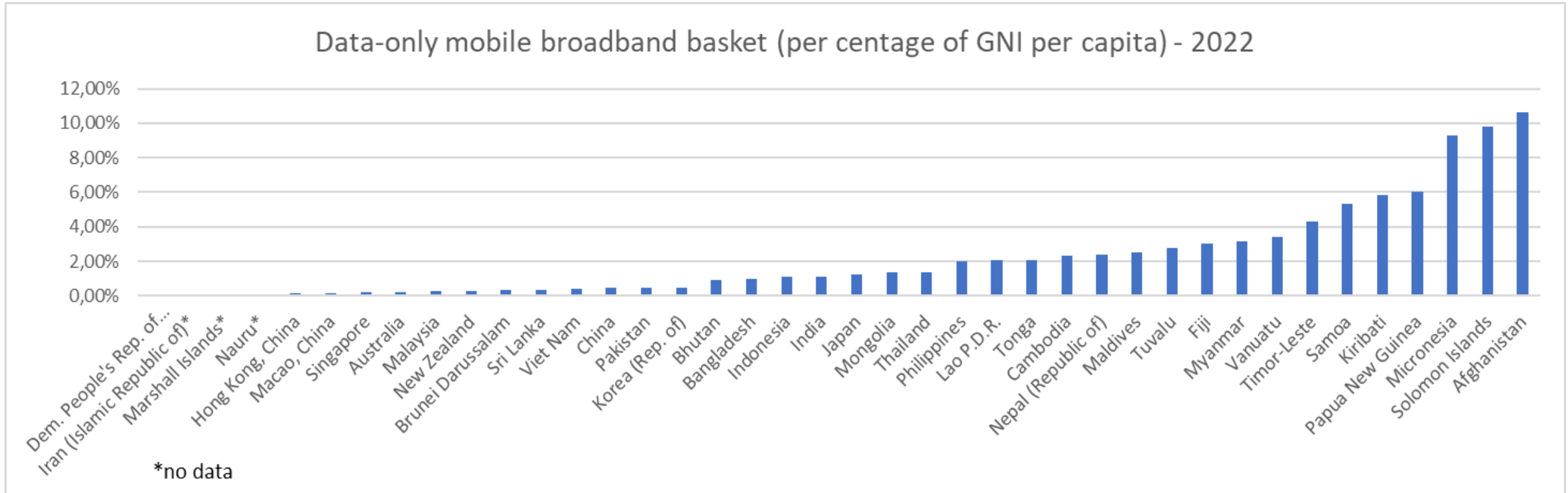
- Some countries require special assistance to bring their broadband market to an affordable level to ensure universal meaningful connectivity in the region.

Source: ITU Facts and Figures, 2022

Gender Parity in Digital Divide

The internet use gender parity score- 2019 and 2022

Source: ITU Facts and Figures, 2022
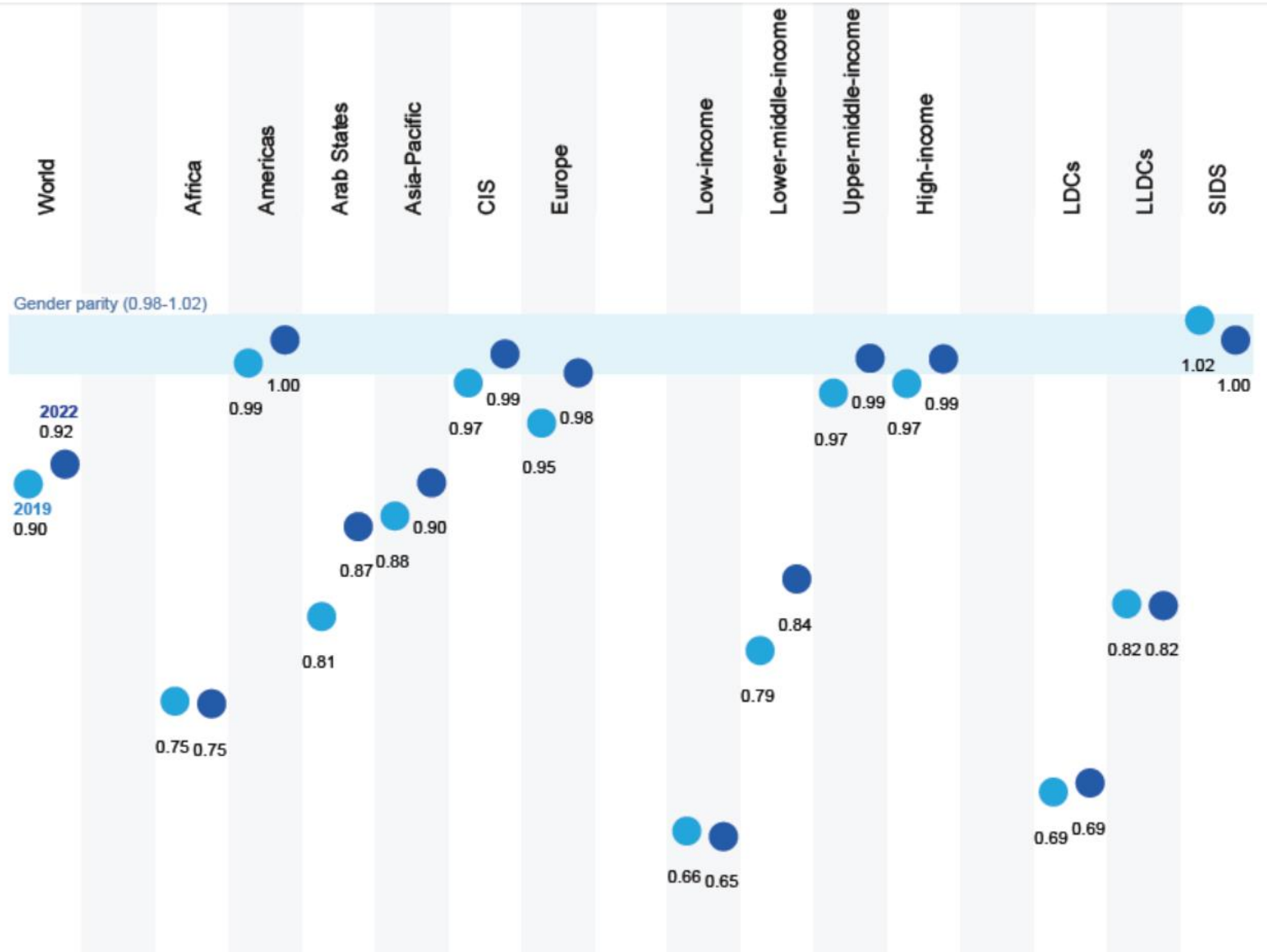
There is a growth over the years in the percentage of women and men using the internet.

There is no significant change in the gender divide in terms of individuals who use the internet in the region

Cybersecurity Overview in the Region

Country Name	Overall Score	Regional Rank
Korea (Rep. of)	98.52	1
Singapore	98.52	1
Malaysia	98.06	2
Japan	97.82	3
India	97.49	4
Australia	97.47	5
Indonesia	94.88	6
Viet Nam	94.55	7
China	92.53	8
Thailand	86.5	9
New Zealand**	84.04	10
Bangladesh	81.27	11
Iran (Islamic Republic of)	81.06	12
Philippines	77	13
Pakistan	64.88	14
Sri Lanka	58.65	15
Brunei Darussalam	56.07	16
Nepal (Republic of)	44.99	17
Myanmar	36.41	18

Country Name	Overall Score	Regional Rank
Samoa	29.33	19
Fiji	29.08	20
Papua New Guinea**	26.33	21
Mongolia	26.2	22
Nauru**	21.42	23
Tonga**	20.95	24
Lao P.D.R.	20.34	25
Cambodia**	19.12	26
Bhutan	18.34	27
Kiribati	13.84	28
Vanuatu	12.88	29
Solomon Islands	7.08	30
Tuvalu**	5.78	31
Afghanistan	5.2	32
Marshall Islands**	4.9	33
Timor-Leste**	4.26	34
Maldives**	2.95	35
Dem. People's Rep. of Korea**	1.35	36
Micronesia*	0	37

* no data

** no response to the questionnaire/data collected by GCI Team

- 5 member countries in the region among the top 10 CSI ranks in the world.

- Many countries from the region fall below 100 among global rankings.

Global Cybersecurity Index: Regional Rankings 2020

Cybersecurity Overview in the Region
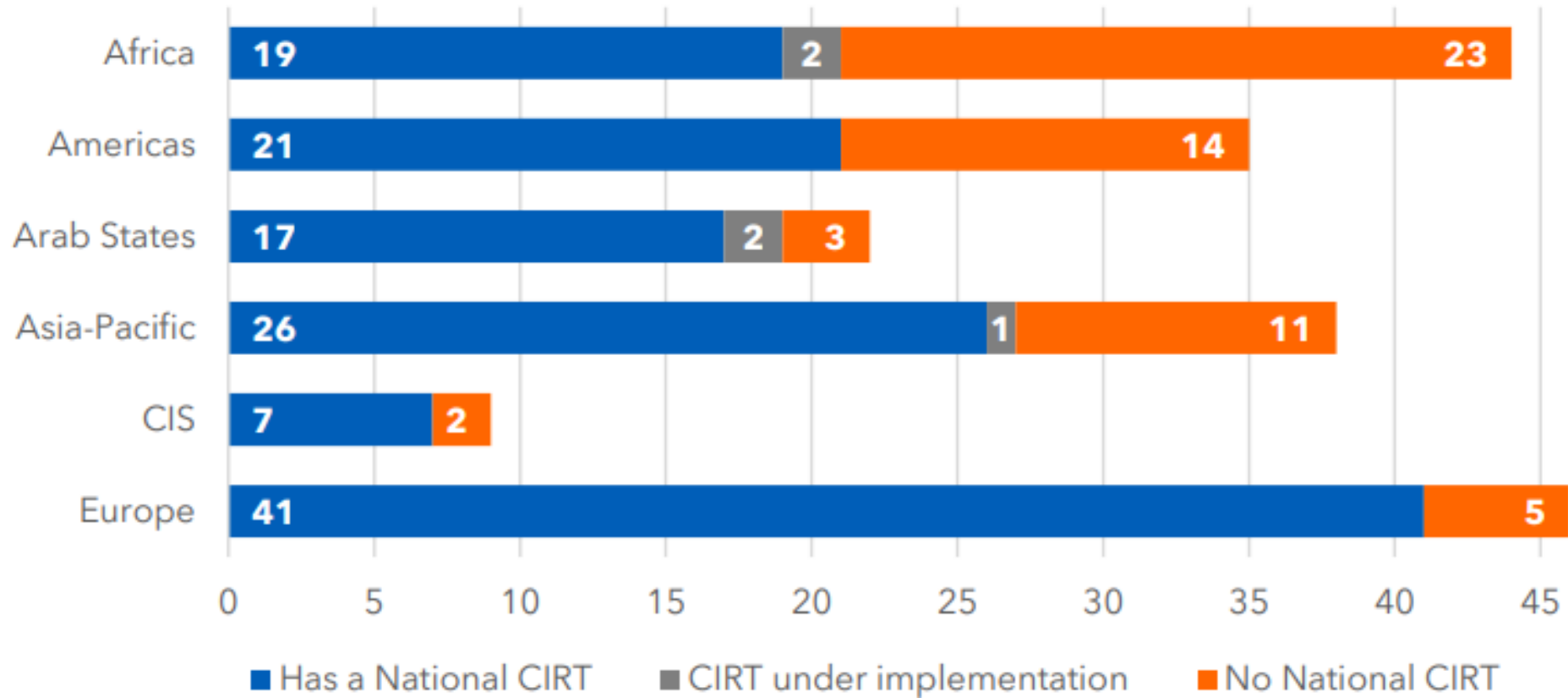
- Number of Countries with a National CIRT

Global Cybersecurity Index: Regional Rankings 2020

Activities under Expected Outcomes of each Regional Initiative

2022-2023

Enhance cybersecurity capability

- ❑ Assistance on CIRT in Kiribati, Bhutan, Mongolia

- ❑ Maturity assessment in Bhutan

- ❑ Policy paper Maldives
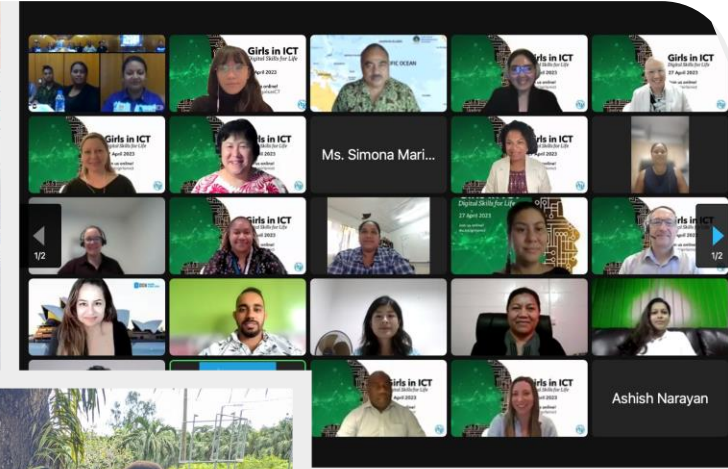
Facilitate universal connectivity

- ❑ Improved enabling environment through Universal Service Obligation (USO) and infrastructure sharing policy support to Tonga and Vanuatu

Accelerating digital government (including masterplan, GovStack, Data Center)

- ❑ Government Data Center assessment (Bhutan)

- ❑ Whole-of-government and Govstack (Cambodia, Laos, Papua New Guinea)

- ❑ Digital government masterplan framework (Vanuatu)

Improved ICT policy and regulatory framework

- ❑ QoS/QoE guidelines in Tonga and Papua New Guinea

- ❑ National Roaming assessment for affordable broadband connectivity for all Mongolia

Increased adoption of telecommunication/ICT for disaster management

ITU Guidelines for national emergency telecommunication plans

Emergency telecommunications table-top simulation guide

- ❑ Technical assistance in developing National Emergency Telecommunication Plan (NETP) for Fiji, Mongolia, Kiribati, and Tonga

- ❑ Recommended actions for resilient international connectivity for Tonga aftermath of under sea volcanic eruption

- ❑ Disaster connectivity map to monitor network

- ❑ Emergency telecom drills in cooperation with PITA

Projects funded by DITRDCA (Australia), MIC (Japan)

Tonga Earthquake and Tsunami (2022)

How the Tonga volcano eruption from 2022 may affect Australia's weather for up to eight years

Thematic reports — ITUPublications

ITU Guidelines for national emergency telecommunication plans

CONTACTLESS ASSISTANCE
Repurposing existing equipment
Coordinating with SATCOs
Satellite phones
Disaster Connectivity Map

CHALLENGES AND LESSONS
COVID-19 related logistics challenges
Legal Dispute
Lack of adequate local expertise
Interoperability of equipment

NETP for Tonga supported

PARTNERS: UNRCO, Intelsat, Spark NZ, Wantok, Iridium, DFAT – Australia, WFP, MIC (Japan)

https://www.itu.int/hub/2022/02/restoring-connectivity-tonga-internet/

ASP1: Addressing special needs of least developed countries, small island developing states, including Pacific island countries, and landlocked developing countries

Timely assistance to Members in time of disaster saves lives

Vanuatu (2023)

Papua New Guinea (2023)

Emergency telecom assistances supported by governments, satellite industry partners , UN agencies, others

Enhanced digital skills of over **1,985** participants to date through Smart Villages and Smart Islands (SVSI) and other initiatives including, visually impaired, migrant and village communities

Smart Villages and Smart Islands: Asia-Pacific
Ongoing programmes and expression of interests

Pakistan

Philippines

Marshall Islands

Maldives

F. S. Micronesia

Nauru

Palau

Indonesia

Tuvalu

Papua New Guinea

Kiribati

Vanuatu

Samoa

Fiji

Tonga
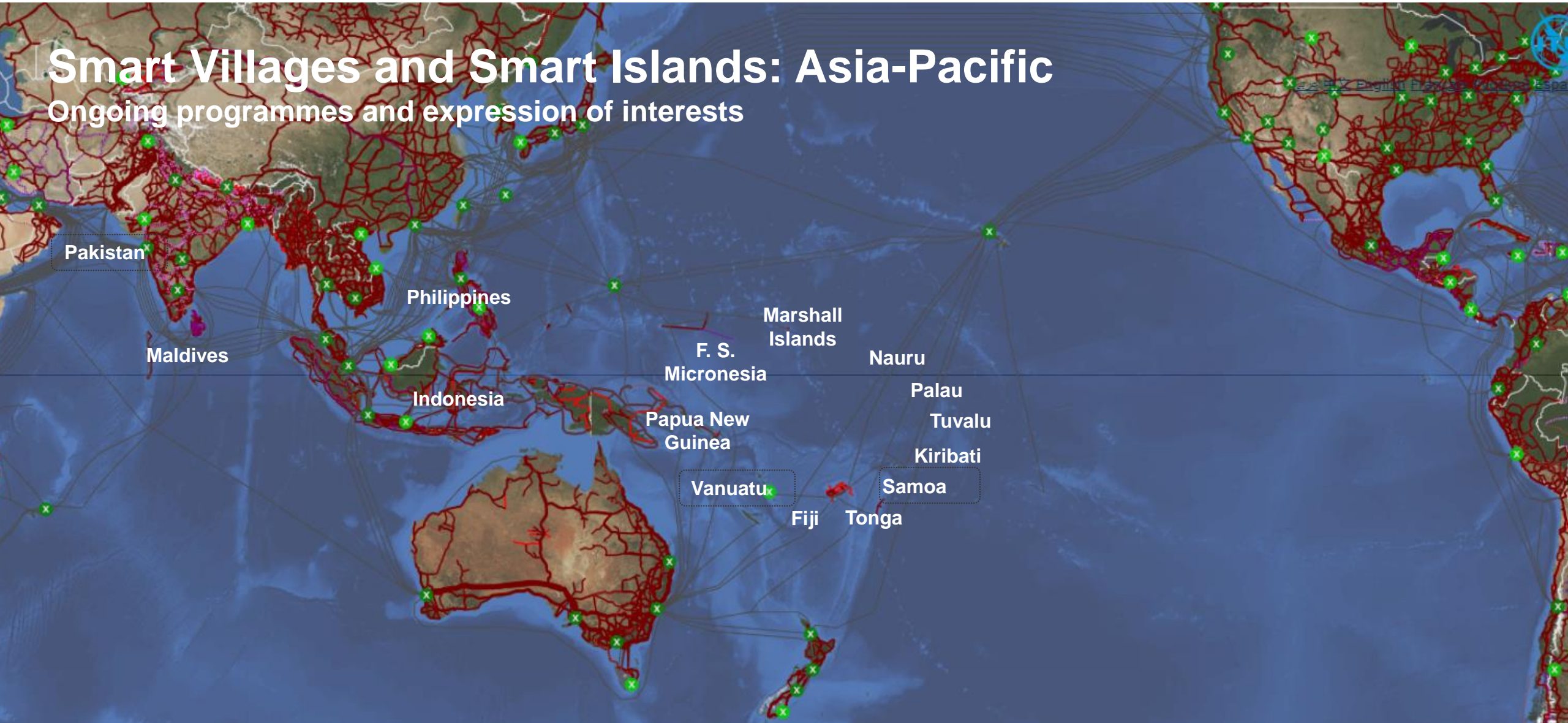
LEAVE NO ONE BEHIND

designed to address the **socio-economic challenges faced by communities** through **digital transformation at community level** with emphasis on **vulnerable populations** (women, youth, and persons with disabilities)

Smart Islands Vanuatu South Malekula - Impact stories

School Connectivity

South Malekula Secondary School reconnected.

Students at SMSS who attended ITU expert's workshop on positive use of internet and ICT have improved access to internet and started learning online.

New Agri Products

Emergence of *"Smart Island"* branded product.

A group of coconut producers put their new digital skills to use in creating marketing materials to reach more customers and produced new product.

Mobile Banking

Improved digital financial literacy and use of mobile payments

3 mobile wallet service providers offered hands-on workshops to villagers with the ITU expert; people started using MyCash, IsiMoney, and M-Vatu payments, replacing the costly travel to town.

Smart Village Pakistan project brings health and education services to Gokina village and enhances partnerships

E-education (Teletaleem)

More than **100 girls** from grades 8 and 9 learning science subjects through tele-education

E-health (Sehat Kahani)

More than **1300 patients** have availed the services in over 7 months, with **86%** women representation.

- **Steering Committee (MoITT, USF, Huawei, ITU) for enhanced ownership and improved coordination**
- **New ongoing and potential partnerships (e.g., NADRA, JAZZ, IsDB, Virtual University)**

Growing partnerships to support SVSI

SVSI

(Pre 2023)

Vanuatu, Pakistan, Samoa

New SVSI

(2023 onwards)

Fiji, PNG, Tonga, Nauru, Kiribati, FSM, RMI, Palau, Philippines, Indonesia,

Projects and partnerships

Projects funded by DITRDCA (Australia), MIC (Japan), Joint SDG Fund, ADB, ITU, Huawei

In-kind partnerships (government, industry, UN agencies, academia, other)

Recognized by G20 (Indonesia in 2022)

Increasing access to Internet
E-agriculture strategies
Establishment of resource centers
Information systems
Digital agriculture services
Digital skills and financial literacy
E-learning

FUNDED BY THE EUROPEAN UNION

Enhancing ICT Accessibility

❑ **Enabled** the development and updates of digital inclusion policies, plans, strategies, and guidelines to support the achievement of the CRPD in 2022

Convention on the Rights of Persons with Disabilities

❑ **Developed awareness** and capacity of 30 participants from 14 countries including Laos, Cambodia, Pakistan, and Brunei, organizations from PwD from Pakistan and Malaysia, as well as UNESCAP, on the **foundations of ICT accessibility** and the use of the ITU toolkit and self-assessment for ICT accessibility

5 GENDER EQUALITY

Advisory on Policy Development in Artificial Intelligence

❑ **Developed capacity** on gender-responsible national policies in AI through training programs (Thailand, Indonesia, Malaysia, Brunei Darussalam, Cambodia, and the Philippines)

AI for Good

Digital Literacy and Skills Development for Inclusivity

Impact story

Girls in ICT

- Enhanced digital skills, awareness, and ICT literacy of girls, young women, and women.

- Increased capacity of the policy-makers on gender digital equality

- Strengthened Girls in ICT, EQUALS, and Network of Women community in which female participants support each other, expand their network, advocate their perspectives in ICT sectors and share experiences and knowledge.
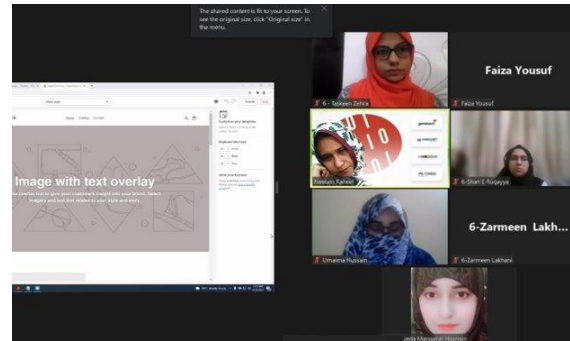
EQUALS

Network of Women
Telecommunication Development Sector
www.itu.int/now4wtdc

Broadcasting

❑ Direct country assistance is currently being provided to assess the current technical model of the DTTV service provision in Fiji.

❑ Enhanced knowledge on emerging technologies at Masterclass defining the New Broadcast media approaches during 18th Asia Media Summit 2023

Infrastructure Development based on emerging technologies

❑ Enhanced environment for service affordability through a National Roaming assessment for affordable broadband connectivity for all Mongolia

❑ Enhanced knowledge on High Altitude Platform Station (HAPS) and HIBS (IMT Base Station) during HAPS International Seminar in Indonesia
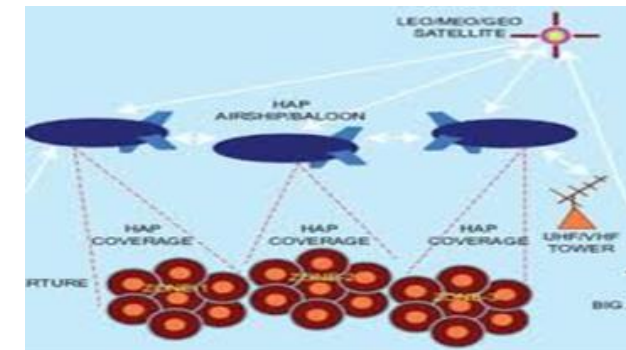
Capacity Development based on emerging technologies including 5G

- ☐ Enhanced knowledge of 66 participants on technology, standardization, testing, and application scenarios in C-V2X

- ☐ Improved technical skills of 47 participants on best practices and lessons learnt in 5G network implementation

- ☐ Developed skillset of 42 participants on 5G EMF guidelines

Conformance and interoperability (C&I)

- ☐ Enabled environment for national quality of service/experience (QoS/E) guidelines in Tonga and Papua New Guinea.

- ☐ Increased capacity of 62 participants on C&I related to 5G standards, security, and industrial internet identifier systems
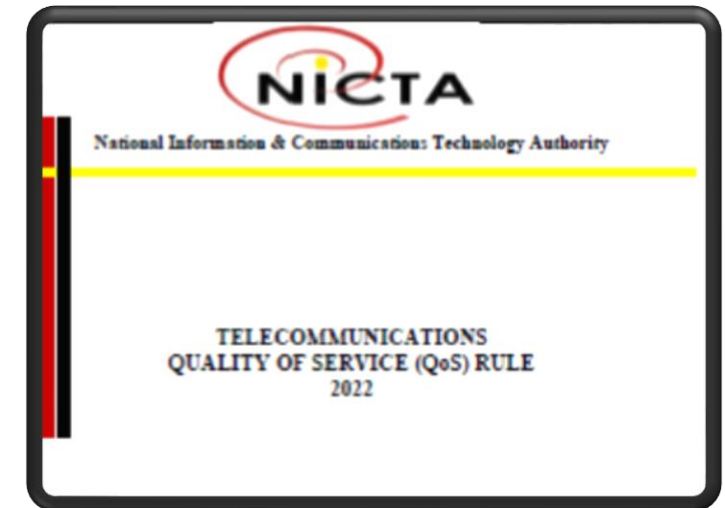
CAICT 中国信通院

UTM UNIVERSITI TEKNOLOGI MALAYSIA

NICTA
National Information & Communication: Technology Authority

TELECOMMUNICATIONS
QUALITY OF SERVICE (QoS) RULE
2022
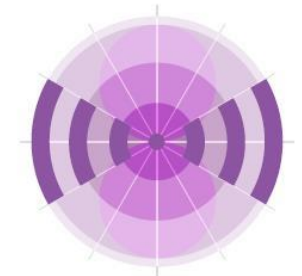
Attention to spectrum management issues, terrestrial and space services

- ❑ Led by BR, organized the Regional Radiocommunication Seminar in Fiji and shared knowledge on spectrum demand issues during the Converged Telecommunications Policy & Regulations (CTPR) Master Class in Malaysia

- ❑ A joint econometric study is currently being carried out in collaboration with Huawei Technologies Co. Ltd. on enablers of the IMT spectrum in the ASP region

- ❑ Trained 435 participants on spectrum management, regulation, and LEO satellite constellation

Home > Publications > Spectrum management training in the Asia-Pacific region: A bespoke framework

Spectrum management training in the Asia-Pacific region: A bespoke framework

| 5G | 6G | Broadcasting | Capacity building | Spectrum | ITU-D |
| ITU-R | Wireless |

Download ⌄

Feedback

National Digital Transformation Strategies

Samoa, Kiribati, Nauru, and the Federated States of Micronesia are being assisted in National digital transformation strategies

Planned for Fiji, Solomon Islands, Others

Projects funded by DITRDCA (Australia), SDG Fund

Advisory and capacity development on Digital Innovation Ecosystems

❑ Developed capacity on innovation ecosystem through development of Digital Innovation Profile (DIP) Brunei Darussalam with a view to building a competitive, sustainable, ICT-enabled economy.

❑ Enhanced skills of 152 participants in a Data-driven government model, analyzing policies of leading nations and formulating future data-centric government strategies for their respective countries

❑ Enhanced skills in Cloud Computing-Based Government Innovation of 206 participants.

Research and Digital Innovation

- ❑ Launched the first global Innovation Center as part of ITU Area Office for South Asia and Innovation Centre in New Delhi

- ❑ Enhanced capacity in the development of last-mile connectivity within India's healthcare framework

- ❑ Workshop on Whole-of-Government (WoG) and GovStack is scheduled in September 2023

- ❑ Global Innovation Forum is scheduled in October 2023

CyberDrills

Cybersecurity Events

CIRT

CIRT Assessments Report completed for **Mongolia** and **Kiribati**
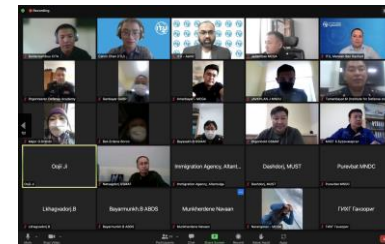
Technical Assistance & Capacity Building

Policy Paper - State of Cybersecurity in the **Maldives**

Pakistan

Days 1-2: Scenario-based Exercises tailored for CNI sectors, including on Industrial Control Systems

ASEAN

Day 1: Regional Meeting
Day 2-3: Sequential Technical and Management Training Sessions
• Included Knowledge Sharing Session on Ransomware Mitigation with Ecuador
Days 4-5: Scenario-based Exercises tailored for CNI sectors, including on Industrial Control Systems

Successful CyberDrill led to:

• Bhutan CIRT Maturity Assessment

• Additional cybersecurity partnership discussions in Bhutan

Bhutan
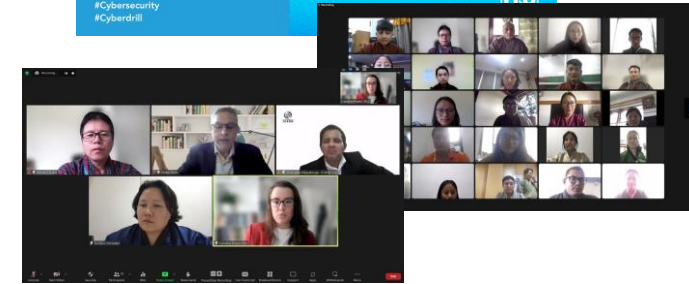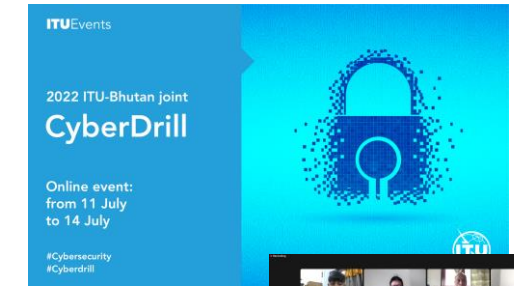
Day 1: Regional Meeting and Closed Door *Executive Session for High Level Government Officials and Parliamentarians on Cybersecurity*
Day 2: Training Sessions:
• Included Introduction to Critical National Information Infrastructure Protection
Days 3-4: Scenario-based Exercises tailored for CNI sectors, including on Industrial Control Systems

Stage 1: Selecting Female Journalists

Together with AIBD member organizations and other stakeholders

Stage 2: Organize Regional Webinar

Stage 3: Bring Female Journalists to WTDC

Stage 4: Training Workshop on Cybersecurity Reporting for Female Journalists

Child Online Protection for Asia and the Pacific

2023 COP Movements

Outputs

Beneficiary Countries

Outcomes

- **Translated versions of the ITU COP Guidelines** (Bahasa Indonesia, Mongolian and Thai).

- Bhutan **localized version of the ITU COP Guidelines**.

- A series of **national COP conferences, focus group discussions, workshops and trainings.**

- **4 COP National Assessment Reports** with policy recommendations for Bhutan, Mongolia, Pakistan and Thailand. Support the development of presidential COP Roadmap Indonesia.

Bhutan

Thailand

Mongolia

Indonesia

Pakistan

Cambodia

- **Strengthened capability of stakeholders** in building safety and security for protecting children online.

- **Increased awareness at regional and national level** on the importance of child online protection in the digital economy.

- **Improved engagement of stakeholders and cooperation** amongst the government and academia, international organizations, industry and media, civil society, and parents and educators

Enabled Emergency Communication facilities

- ☐ Provided ET equipment to Tonga after the volcanic eruption in January 2022 to facilitate ET infrastructure.

- ☐ Provided ET assistance to Vanuatu, with the collaboration of SpaceX to facilitate disaster resonance efforts after Cat 4 cyclones, Judy and Kevin in March 2023

- ☐ Provided support to test existing ET facilities in Papua New Guinea (PNG), Samoa, Tonga, and Vanuatu

Enabling environment for ICT Resilience

- ☐ National ICT infrastructure **assessment methodology** is currently being carried out

Activities to be carried out under the EW4All Initiative

❑ Assessment of current EWS communication channels

❑ Promote a **regulatory approach for mobile EWS**

❑ Develop **technical guidelines and high-level regulatory policy** to support the adoption of mobile EWS

❑ **Legal analysis** of the policies, regulatory frameworks, and laws around mobile EWS

❑ Technical support on **mobile EWS (CB as a minimum standard, complemented by other channels)**

❑ Promote **Common Alerting Protocol (CAP)**

United Nations Early Warnings for All Initiative

Pillar 1 lead by UNDRR

Disaster risk knowledge
Systematically collect data and undertake risk assessments
- Are the hazards and the vulnerabilities well known by the communities?
- What are the patterns and trends in these factors?
- Are risk maps and data widely available?

Pillar 2 lead by WMO

Detection, observations, monitoring, analysis and forecasting of hazards
Develop hazard monitoring and early warning services
- Are the right parameters being monitored?
- Is there a sound scientific basis for making forecasts?
- Can accurate and timely warnings be generated?

Pillar 4 lead by IFRC

Preparedness and response capabilities
Build national and community response capabilities
- Are response plans up to date and tested?
- Are local capacities and knowledge made use of?
- Are people preapred and ready to react to warnings?

Pillar 3 lead by ITU

Warning dissemination and communication
Communicate risk information and early warnings
- Do warnings reach all of those at risk?
- Are the risks and warnings understood?
- Is the warning information clear and usable?

Project Preparation on National E-waste Regulation

❑ Project on the regulatory framework for the governance of e-waste management in Thailand and Mongolia is under preparation.

Potential Collaboration:

NBTC

Australian Government
Department of Infrastructure, Transport,
Regional Development, Communications and the Arts

กรมควบคุมมลพิษ
POLLUTION CONTROL DEPARTMENT
กระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม

Thank you!

Enhanced International Cooperation for Connectivity and Emerging Technologies

❑ Co-organized ITU-MIIT (Ministry of Industry and Information Technology) of China high-level seminar 2023 under the theme of "building a digital future for all" in September 2023. The event aimed to build cooperation among industry leaders, high-level officials representing ITU member countries, and regional and international organizations to discuss and share knowledge about emerging ICT issues and challenges.

❑ Co-organized ITU and International Think Tank for Landlocked Developing Countries (ITTLLDC) Seminar 2023 on 26 - 28 September 2023 at UN House Ulaanbaatar in Mongolia. The event focuses on building cooperation and knowledge sharing among LLDCs in addressing challenges in the growing digital sector.

❑ Published a research report on Gender Sensitive AI Policy in Southeast Asia in collaboration with the United Nations University Institute in Macau in January 2023. The multi-country, multi-stakeholder search aimed to attract attention internationally to gender in AI.

Country governments struggle with the digitization of their public services for several reasons

GovStack

SILOES

Siloed investments and duplicative efforts by development partners promote fragmented digital governance and silos in partner countries.

FUNDING

Challenges in procuring and implementing affordable IT solutions persist, as do challenges in creating the necessary capital to invest in ICT infrastructure projects.

SCALING

Huge challenges exist in adapting and investing in projects at scale, particularly around the rollout of physical ICT infrastructure, the deployment and use of common data platforms.

COORDINATION

Problems in coordination commonly occur in aligning ICT ministry work with that of other agencies.

GOVSTACK: Whole of Government approach overcomes digital transformation challenges by utilizing a common reusable stack of Building Blocks
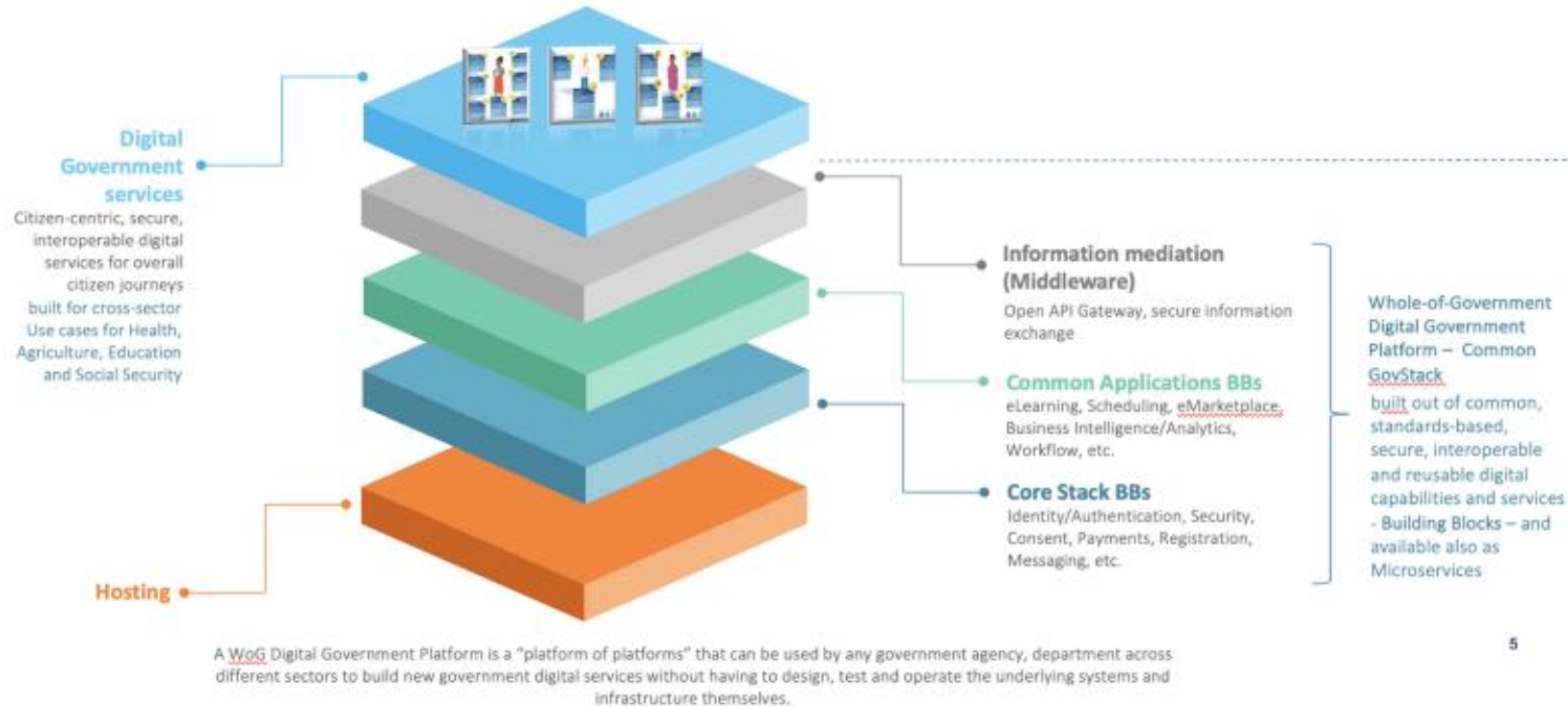
Increasing interest from Members in Asia-Pacific (Cambodia, Laos, Papua New Guinea, Vanuatu, ASEAN, others)

New project in Asia-Pacific supported by DITRDCA (Australia)