

**Briefing for newly appointed diplomats
BDT presentation**

Thursday 04 May 2023



ITU-D SECTOR

The Telecommunication Development Sector (ITU-D) works to close the digital divide and drive digital transformation to leverage the power of ICTs for economic prosperity, job creation, digital skills development, gender equality, diversity, a sustainable and circular economy, and for saving lives. Its work prioritizes those most in need- from people living in the world's Least Developed Countries to marginalized communities everywhere.

BDT MANDATE

The work of the Telecommunication Development Sector is supported by its Secretariat, the Telecommunication Development Bureau (BDT). BDT deals mainly with development policies, strategies, programming, as well as technical cooperation activities to close the digital divide. To effectively and efficiently serve the needs of Member States, BDT has centered its work around 10 Thematic Priorities. BDT also administers the regional presence of ITU.



Dr Cosmas Luckyson Zavazava
Director,
Telecommunication Development Bureau

“It is an honour to serve as Director of the Telecommunication Development Bureau (BDT) at a time of great challenges and opportunities. Today, the world is grappling with climate change, hunger, natural hazards, and epidemics, among others. Yet, more people are getting connected. Just as the world recently welcomed its 8 billionth inhabitant, 5.3 billion people – or 66 per cent of the total global population – are already online. For the remaining 2.7 billion people that are still offline, we will double our efforts to get them online in the shortest time possible. Through continuous innovation, as requested by our Member States in the Kigali Action Plan, our work will greatly contribute to global efforts towards the attainment of the Sustainable Development Goals by 2030. I know that we will get there.”



World Telecommunication Development Conference 2022

Kigali Action Plan



1. ITU – D Priority – Kigali Action Plan

Affordable connectivity



Emergency Telecommunications

ITU plays an important role in emphasizing the critical role of ICTs in disaster risk reduction and management, and supports its Member States, in the four phases of disaster management through the design of national emergency telecommunications plans, the setting up of early warning and monitoring systems and the provision of emergency telecommunications equipment when disasters strike.

Disaster preparedness

- **National Emergency Telecommunications Plans:** support countries' disaster preparedness by allowing all relevant stakeholders to go through the life cycle of a potential disaster to identify responsibilities, standard operating procedures, shortcomings and key priorities.
- **Early warning systems:** In March 2022, the UN SG launched a new [initiative on Early Warning Systems for all](#) which says that by 2027 every person in the world should be protected by an early warning system. ITU leads the warning communication and dissemination pillar in the initiative

Disaster response

- **Emergency Telecommunications Roster:** Upon request from its members or partners, BDT deploys emergency telecommunications equipment to support coordination of relief operations.
- **Disaster Connectivity Maps:** When disasters strike, ITU supports countries and partners with a near-live map to understand the status of connectivity, coverage, and performance, and to identify outages and gaps.



Resilient Secure Green Infrastructure



Spectrum

- Spectrum Management & Monitoring, Broadcasting and EMF.
- Develop Software tools such as SMS4DC (Spectrum management tools for Developing countries).
- Workshops and Trainings on IMT Technologies.
- Analogue to Digital Broadcasting transition assistance.
- EMF publication for public awareness.



Last Mile

- Technical assistance to countries to establish Optimal Last mile strategies for rural areas.
- Building toolkits and tools for blueprint Network architectures and Last mile connectivity.



Mapping

- Mapping and visualizing Existing ICT Infrastructure.
- Develop a suite of software tools and digital goods (DPGs) to help connectivity design, planning, deployments and cost estimations.



Satellite Communication

- Best Practices for Space and broadband satellite communications
- Foster the emergence of open-source hardware and software ecosystem that supports emerging standards allowing IMT technologies to be used natively on satellites or other non-terrestrial platforms, like HAPS.



2. ITU – D Priority – Kigali Action Plan

Digital transformation



Digital Inclusion

#DigitalInclusion



Digital Inclusion

Ensuring inclusive, equal access and use of ICTs for all



ICT/Digital
Accessibility

ENVIRONMENT THEMATIC PRIORITY

ITU's Membership has mandated ITU to work in the area of ICTs, environment, climate change and circular economy. Its highest policy making body, the Plenipotentiary Conference, has established a number of indicators and targets related specifically to e-waste, climate change and green digital transformation, which guides the work of ITU:

30% increase the global e-waste recycling rate by 2023

By 2023 raise the percentage of countries with an e-waste legislation to

50%

In addition, ITU is tracking the contribution of telecommunications/ICT to global greenhouse gas emissions.

CREATING A CIRCULAR ECONOMY FOR ELECTRONICS AND GREENING DIGITAL TRANSFORMATION



Digital Services and Applications

Delivering digital solutions to improve well-being and accelerate development

The Digital Services and Applications programme develops and promotes digitally-enabled solutions that address the most pressing needs of people and governments. The programme supports ITU membership with scaling proven solutions at the national level and increasing the availability and impact of digitally-enabled services, SDG-related services, particularly in underserved areas. The programme focuses on high-impact sectors, including **digital health**, **e-agriculture**, **e-learning**, and **e-government**.




Facilitating digital transformation at a systemic level: developing and promoting national vision, strategy, standards, and effective regulation.

Bringing relevant solutions and proven ICT applications to scale nationally: identifying, implementing, and scaling tailor-made services and applications.

Creating an enabling ecosystem for local innovation: establishing partnerships and collaboration frameworks and supporting capacity building

Promoting whole-of-government approach to digital transformation: we foster the development of a cross-functional and interoperable digital infrastructure.

Examples of Initiatives

	The GovStack initiative helps countries accelerate the digital transformation of government services	6 countries 1 playbook 10 specifications
	The WHO-ITU BHBM joint initiative delivers evidence-based digital health solutions, including mHealth and telemedicine	15 countries 16 programs 1 regional platform
	The Smart Villages and Smart Islands initiative creates tools and enabling ecosystems for digital transformation of remote rural communities	12 countries >20 villages

>30 COUNTRIES SERVED **>40** MILLION PEOPLE REACHED

Digital Innovation Ecosystems

- 1) The **Digital Innovation Profiles (DIP)** A DIP provides an accurate assessment of an ecosystem's capacity and maturity for innovation and entrepreneurship: strengths, areas of development, gaps, detailed recommendations, governance, and projects for transformation. This analysis helps strengthen the ICT industry competitiveness and support the digital economy through leveraging ICT-centric Innovation ecosystem.
- 2) The **Ecosystem Development Curriculum (EDC)** provides human capacity development on innovation, entrepreneurship, and ecosystem development. It takes stakeholders through a structured learning approach, including online, instructor-led and special boot camps using tools based on innovation frameworks. It also includes the toolkits and the Good Practices Reports.
- 3) The **Innovation Challenges and Mentorships (ICM)** help discover innovation champions and their ideas to transform their communities and support them through mentoring and a network of like-minded people.
- 4) The **Innovation Forums (GIF/RIF)** provide opportunities for stakeholders to connect, share, build capacity and engage in best practice-driven digital transformation through the Global and Regional Innovations Forum series.
- 5) The **Innovation and entrepreneurship Alliance for Digital Development** will build critical local enablers to lead in the changing digital environment. It will also enable BDT to develop new organizational and human excellence capabilities, deliver new products and services for ITU Membership and strengthen the engagement of the private sector and academia in the critical work of BDT.



Innovation and Entrepreneurship Alliance for Digital Development



Digital Transformation Lab

The Lab will support the design and implementation of the network of centers and provide technical assistance, upon request, to enable countries currently lacking key capabilities in sandboxing and developing initiatives to accelerate digital development.



Network of Acceleration Centers

The Network will enhance global, regional and national innovation capabilities for technology, policy and flagship initiative development. The various centers will accelerate digital transformation through a unique ecosystem-thinking approach that combines the best of three recognized methodologies: Sense Making, Systems Thinking and Design Thinking.



Digital Innovation Board

This Board will guide the work of the Alliance and ensure its effectiveness, accountability, and sound decision-making toward accelerating the implementation of the Kigali Action Plan. The Board will facilitate high-level coordination and engage in global advocacy at the UN level and with regional and international organizations.

3. ITU – D Priority – Kigali Action Plan

Enabling policy and regulatory environment





Digital Policy & Regulation

Navigating fast-moving Digital Policy and Regulation





Policy & Regulation

Keeping up with Technological and Market Changes

Objective

Supporting Collaborative ICT Policy and Regulation Frameworks for Digital Market Development and User well-being

Focus Area

Digital Policy and Regulation Engagement and Awareness

Digital Policy and Regulation Tools Enhancement

The Challenge

Regulators and Policy Makers need to focus on driving inclusive and cross-sectoral approaches and collaboration.

Regulatory process and tools must create a virtuous dynamic for investment, innovation and inclusion.



Use our data to inform your decisions & track your growth



G5 Accelerator
ICT Regulatory Tracker
G5 Benchmark
ICT Policy Impact Lab

Share your experiences and see what works and where



Global Symposium for Regulators

REG4COVID

FIGI | Financial Inclusion Global Initiative

Regulatory Associations Portal

ITU Digital Ecosystem Portal

ITU Infrastructure Development and Connectivity Portal

Read our research on best practices related to all current and future challenges
Opportunities of broadband, regulation of 5G, digital identity, ICT infrastructure, ICT investment needs...



GLOBAL SYMPOSIUM FOR REGULATORS

ITUGSR

SHARM EL-SHEIKH 2023

*Regulation for a sustainable
digital future*

5-8 June 2023
Sharm El-Sheikh, Egypt

www.itu.int/gsr23
#ITUGSR



GSR-23 Programme

Tuesday, 6 June 2023

09:30 - 10:00	Opening Ceremony
10:00 - 10:30	Coffee and Photo Session
10:30 - 12:30	Leadership Segment: How can policy and regulatory innovation drive universal and meaningful connectivity and sustainable digital transformation?
12:30 - 14:30	Lunch Break
14:30 - 15:30	Session 2: Trustworthy Digital Infrastructure: How to bridge the gap?
15:30 - 16:00	Coffee Break
16:00 - 17:30	Session 3: Spectrum for Tomorrow

Wednesday, 7 June 2023

08:00 - 09:15	Network of Women
09:30 - 10:30	Session 4: How to Protect Children and Youth Online?
10:30 - 11:00	Coffee break
11:00 - 12:30	Session 5: Digital Accessibility: The key to an inclusive society
12:30 - 14:30	Lunch Break
14:30 - 15:45	Session 6: The Remaining Access Gap: How to get affordable devices to the unconnected?
15:45 - 16:15	Coffee Break
16:15 - 17:15	Session 7: Saving Lives: Emergency public early warning systems
17:15 - 17:45	Industry Fireside Chat: Partners in Digital Transformation

Thursday, 8 June 2023

09:30 - 10:30	Session 8: Going Green with the Digital Transformation
10:30 - 11:00	Coffee Break
11:00 - 12:00	Session 9: Harnessing the Opportunities of the Metaverse
12:00 - 12:30	Closing Ceremony

Pre Events

Monday, 5 June 2023

09:30 - 11:00	IAGDI-CRO
	Regulatory Association's Meeting
11:00 - 11:30	Coffee and Photo Session for both sessions
14:30 - 16:30	Heads of Regulators' Executive Roundtable
Redsee & Sinai	
16:30 - 17:00	16h30-17h00: Coffee and Photo Session for Roundtable

Statistics

ITU-D's ICT Data and Analytics Division (IDA) leads the global ICTs statistics agenda. It collects and disseminates vital information and carries out world-class research to support evidence-based decision making towards universal and meaningful connectivity.

Collecting data ITU develops new indicators, sets international standards for their computation and collection, and promotes adoption. We collect, compile and maintain statistics for 200+ economies. Our data science practice harnesses the power of big data to develop a new generation of statistics.

Building capacity: ITU develops the statistical capacity of Members, through workshops, trainings, webinars, online courses, technical publications, and technical assistance.

Making sense: ITU monitors the state of digital development, analyses its drivers, and on economies and societies, identifies good practices and solutions.

Reaching out: ITU disseminates data and research through various channels and is strengthening its digital presence.

Working together: ITU is active within the UN system and beyond in advancing the statistics agenda. ITU is involved in several partnerships, leveraging synergies and complementarities and maximize impact.



18TH WORLD TELECOMMUNICATION/ICT
INDICATORS SYMPOSIUM

ITU WTIS

GENEVA 2023

*Advancing the measurement
agenda to achieve universal
and meaningful connectivity*

3-4 July 2023
Geneva, Switzerland

#ITUWTIS
www.itu.int/wtis2023



Capacity development

1



Training to develop the capacity of ICT policy-makers and professionals across the globe

2

Boosting digital literacy and skills of citizens

3

Research and policy guidelines on capacity and digital skills development



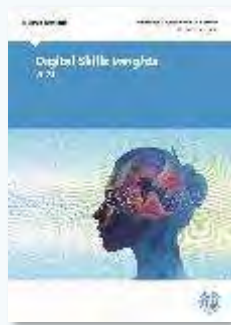
23'000+ participants trained to fully participate in, and contribute to, the digital transformation, since 2018.



Digital Transformation Centres

190'000+ participants from underserved communities trained with basic and intermediate digital skills since 2020.

ITU is looking for partners to scale the impact of the DTCs



4. ITU – D Priority

Resource mobilization and international cooperation



Partnerships

Importance of Resource Mobilization and International Cooperation highlighted at WTDC-2022, as new ITU-D Priority and Enabler of the Kigali Action

Objective:

to facilitate, develop and strengthen partnership and international collaboration with the widest possible range of partners from both developed and developing countries with the goal of enhancing coordination, expertise sharing and resource mobilization for the implementation of programmes, activities and initiatives for sustainable development.

BDT partners:

ITU Member States and other Governmental entities, UN Organizations, International and Regional Financial Institutions, International and Regional Organizations and Associations, Foundations, Private Sector entities, Academia

2022 at a glance:



71 partnership agreements signed for a



total amount of **USD 9.7 million**

Website: [ITU-D Members and Partners](#)



SDG Goal 17:
Partnerships for the goals

ITU-D Membership

193

Member States

+300

Members from the private sector, international and regional organizations

170

Academia and Research Institutions

SECTOR MEMBER	ASSOCIATES	ACADEMIA
For companies / organizations	For companies / organizations	For universities and research institutes
Participate in all ITU-D activities, such as conferences, seminars, study groups, workshops, specialized studies and working groups pertinent to your business.	Join as an Associate and take part in the work of a single study group of your choice and other ITU-D activities.	If you are a University, an academia or an associated research establishment, you are welcome to participate in all activities of the three ITU Sectors.
Annual membership fees:	Annual membership fees:	Annual membership fees:
CHF 7,950 For entities in developed countries	CHF 3,975 For entities in developed countries	CHF 3,975 For entities in developed countries
CHF 3,975 For entities in developing countries & LDCs	CHF 1,987.50 For entities in developing countries & LDCs	CHF 1,987.50 For entities in developing countries & LDCs

Member States are invited to encourage companies and universities to join ITU-D membership community.

Any questions?
Reach out to:
membershipitud@itu.int

Join ITU-D as a member and benefit from:



Networking with governments and other entities on ICT policies, strategies and technologies.



Accessing member-only events such as the Study Groups, the [Industry Advisory Group on Development Issues](#) and [TECH TALKS](#).



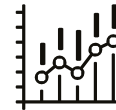
Interacting with and advising policy-makers, ICT regulators and experts from industry and academia.



Co-creating and fostering innovative public-private partnerships and [projects](#) that prioritize connectivity and the SDGs.



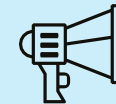
Participating in and contributing to [ITU-D Study Groups](#) by sharing knowledge, experiences and innovative ideas.



Getting access to world-leading ICT statistics, studies and other member-only information.



Joining global and regional conferences and debates to contribute to international development agenda.



Expanding visibility on your brands/solutions on the international scene.



ITU-D study groups

A neutral and global platform for ITU-D membership to collectively study telecommunication/ICT matters of interest to the developing countries in particular by:

- exchanging information through contribution presented and discussed at meetings
- building a body of knowledge: case studies, lessons learned, best practices
- developing annual papers (deliverables) and end of study period (final) output reports for free public use in all official UN languages
- enabling to further collaborate on specific actions such as workshops, toolkit preparations, expert input in country level support including projects

More information is available at the study group home page: [link](#)

Next meetings and public workshops:

- Study Group 1: 8-19 May 2023 ([meeting page](#), [registration link](#))
- Study Group 2: 22 May - 2 June 2023 ([meeting page](#), [registration link](#))

Study Questions

ITU-D Study Groups

Study Group 1
Enabling environment for meaningful connectivity

Learn more at itu.int/itu-d/sites/studygroups

- 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/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

Study Questions

ITU-D Study Groups

Study Group 2
Digital Transformation

Learn more at itu.int/itu-d/sites/studygroups

- 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

Mainstreaming the needs of LDCs, LLDCs and SIDS

LDCs

ITU's mandate of Digital Transformation in LDCs is clearly captured in the Doha Program of Action DPOA which is being implemented following its adoption in 2022. ITU has also co-authored relevant reports with UNOHRLLS the last of which is the **Facts and Figures: Focus on Least Developed Countries** which can be downloaded here: <https://www.itu.int/itu-d/reports/statistics/facts-figures-for-ldc/>

LLDCs

ITU is also implementing and reporting on the Vienna Program of Action for LLDCs and is now closely following the preparatory processes and consultations for the adoption of a new program of action. The global conference on LLDCs is to be held in Kigali in 2024.

SIDS

ITU is fully involved and following up on the development and consultations of member states on the Multidimensional Vulnerability Index MVI to monitor and build resilience in SIDS. Technology is part of the Small Island Developing States Accelerated Modalities of Action (Samoa Pathway). ITU is closely following the preparatory processes for the fourth global conference for SIDS which is also planned in 2024.



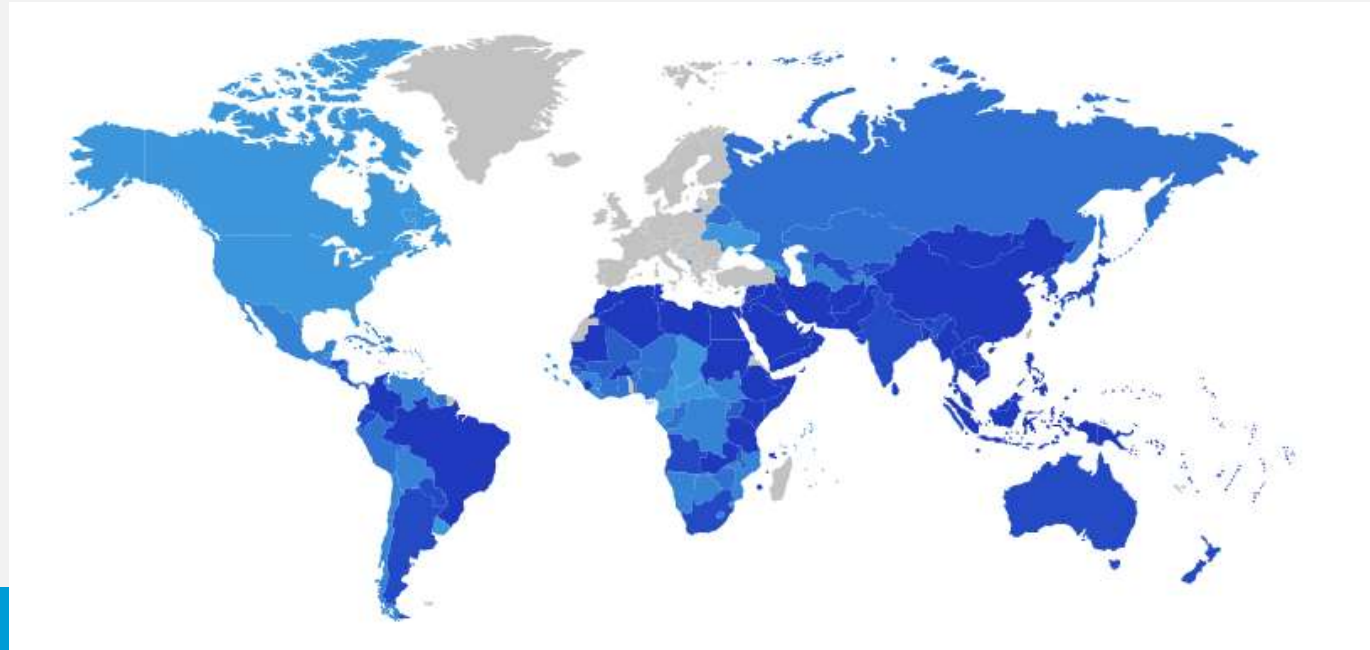
ITU Projects: delivering impact on the ground

- Impact: Mechanism to implement WTDC Outcomes in Member States with sound management and accountability for impact (based on Results Based Management principles).
- Technical assistance: ITU projects are a mechanism to provide meaningful assistance and expertise to ITU Member States in all areas adopted as Thematic Priority and Regional Priority by WTDC through international cooperation and stakeholder partnerships.

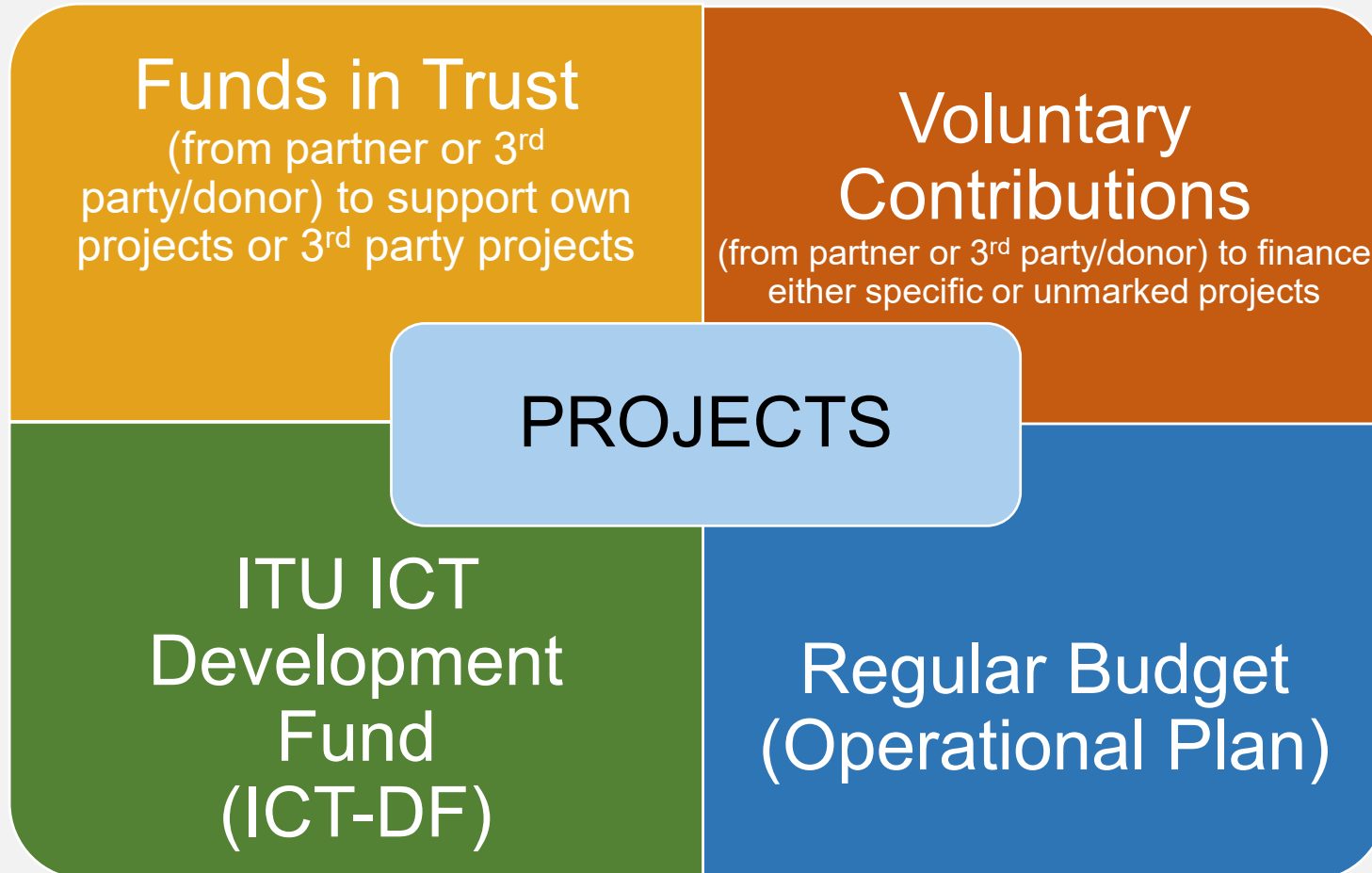
300+
projects
since 2007

159
beneficiary
countries

USD 180M +
resources mobilized



Financing mechanisms for ITU Projects



ITU is not a funding entity, but a specialized agency of the UN and executing agency.

The scope and scale of projects depend on the capacity of beneficiaries and partners to mobilize financial support.

A sample of ITU projects

 <p>ITU PARTNER2CONNECT DIGITAL COALITION</p>	 <p>ITU/UNDP JOINT FACILITY FOR DIGITAL CAPACITY DEVELOPMENT</p>	 <p>BE HEALTHY BE MOBILE</p>	 <p>BIG DATA FOR MEASURING THE INFORMATION SOCIETY</p>	 <p>CONNECTING EVERY SCHOOL TO THE INTERNET (GIGA)</p>
 <p>DIGITAL COOPERATION WEBINARS</p>	 <p>DIGITAL TRANSFORMATION CENTRES (DTCS)</p>	 <p>E-WASTE COALITION</p>	 <p>INTERNATIONAL CENTRE OF DIGITAL INNOVATION I-CODI</p>	 <p>PARTNERSHIP ON MEASURING ICT FOR DEVELOPMENT</p>
 <p>FINANCIAL INCLUSION GLOBAL INITIATIVE (FIGI)</p>	 <p>GIRLS CAN CODE INITIATIVE (GCC)</p>	 <p>GLOBAL PARTNERSHIP FOR GENDER EQUALITY IN THE DIGITAL AGE (EQUALS)</p>	 <p>SMART VILLAGES</p>	 <p>ITU AND EIF JOIN FORCES TO REDUCE THE DIGITAL GENDER DIVIDE IN BURUNDI, ETHIOPIA AND HAITI</p>
 <p>DECENT JOBS AND SKILLS FOR YOUTH</p>	 <p>POLICY AND REGULATION INITIATIVE FOR DIGITAL AFRICA (PRIDA)</p>	 <p>GOVSTACK: DIGITALIZATION OF GOVERNMENT SERVICES</p>	 <p>CHILD ONLINE PROTECTION</p>	 <p>Connect2Recover Building back better with broadband</p>

World Summit on the Information Society WSIS Forum



- **WSIS Forum is an annual year-long multistakeholder platform that:**
 - is crowdsourced, **open and inclusive** for all to exchange knowledge and information, enhance **partnerships and collaborations**, showcase innovation and to **share best practices** in the ICTs sector.
 - identifies **emerging trends, challenges and opportunities** across the range of ICTs including Cybersecurity, ICT Infrastructure, Accessibility, Digital Inclusion, etc.
 - highlights the **benefits of ICTs** in areas as critical and diverse as education, health, financial inclusion, governance and citizenship, climate change, smart cities, and many more.
 - provides a **space to drive innovation** through emerging technologies such as metaverse, AI, IoTs, blockchain, 5G and many others.

5. ITU – D Priority

Inclusive and secure telecommunications/ICTs for sustainable development



Cybersecurity

The cybersecurity thematic priority offers ITU membership the opportunity and tools to increase cybersecurity capabilities at the national level, to enhance security and resilience, build confidence and trust in the use of ICTs – making the digital realm more safe and secure.

Flagship activities:

- Global Cybersecurity Index - since 2015, the only global cybersecurity index that systematically tracks the commitments of 194 countries to cybersecurity
- CIRT Programme: building capacity at national and regional levels, deploy capabilities, and assist in establishing and enhancing National Computer Incident Response Teams
- CyberDrills: a platform for cooperation, information sharing, and discussions on current cybersecurity issues, as well as to provide hands-on exercise for national CIRTs
- National Strategies: Cybersecurity Governance Capacity Development
- Women in Cyber Mentorship Programme & Her CyberTracks: closing the workforce and gender gaps in cybersecurity
- Cyber for Good: project that aims to bridge the cybersecurity capacity gap in the Least Developed Countries (LDCs) through facilitated support and access to ITU Members' experience, expertise, services, tools, and products.



Thank you!

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

