Briefing ITU Program/Activities

1. ITU – D Priority

Affordable connectivity

Network and Digital Infrastructure

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.
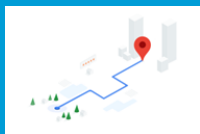
Mapping

- 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.

ITU

2. ITU – D Priority

Digital transformation

Digital Inclusion

ICT/Digital Accessibility

ENVIRONMENT THEMATIC PRIORITY

CREATING A CIRCULAR ECONOMY FOR ELECTRONICS AND GREENING DIGITAL TRANSFORMATION

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.

E-waste Data
1. Global and Regional E-waste Monitors
2. Training to countries on an internationally adopted e-waste statistics methodology
3. E-waste household and business surveys
4. Monitoring ITU e-waste targets

E-waste Policy
1. Technical assistance to countries to establish environmentally sound national e-waste management regulation
2. Establishing e-waste management systems backed by legally transparent digitally supported and financed EPR systems
3. E-waste awareness raising campaigns

Greening Digital Transformation
1. Monitoring industry emissions, energy use and climate commitments from tech companies
2. Supporting countries to monitor and track ICT sector GHG emissions and energy
3. Supporting countries in developing green ICT strategies and policies.

Developing tools, research, e-learning and communications to support training and knowledge production.

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

GovStack	The GovStack initiative helps countries accelerate the digital transformation of government services	**6 countries** **1 playbook** **10 specifications**
BE HE@LTHY BE MOBILE	The WHO-ITU BHBM joint initiative delivers evidence-based digital health solutions, including mHealth and telemedicine	**15 countries** **16 programs** **1 regional platform**
SMART VILLAGES & ISLANDS	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

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.

Digital Policy & Regulation
ITU's Solution

Informing

Providing data, research, and analysis to define, implement and review forward-looking policy and regulatory frameworks.

Convening

Bringing the regulatory community together to discuss global trends in policy and regulation relative to market developments.

Empowering

Providing knowledge exchange tools, as well as direct assistance to policy-makers and regulators, to achieve a more inclusive digital society.

Digital Regulation

Use our data to inform your decisions & track your growth
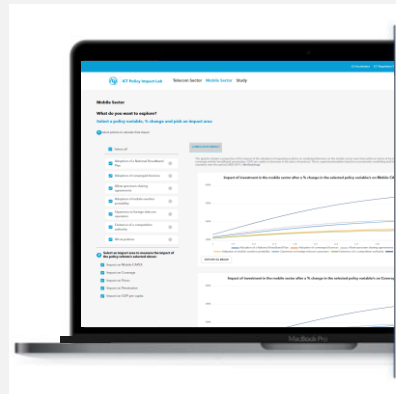
G5 Accelerator
ICT Regulatory Tracker
G5 Benchmark
ICT Policy Impact Lab

Share your experiences and see what works and where
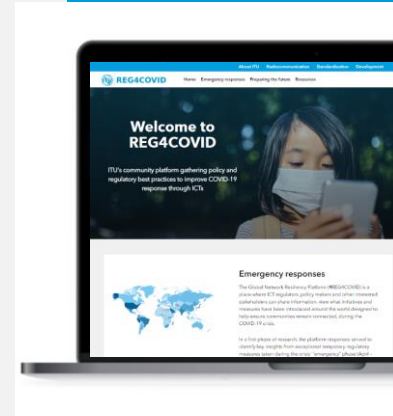
Global Symposium for Regulators

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…

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.

Capacity development

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

ITUAcademy *Empowering minds*

ITUAcademy TRAINING CENTRES

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

2. Boosting digital literacy and skills of citizens

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

3. Research and policy guidelines on capacity and digital skills development

Digital Skills *Insights* 2021

Digital Skills Assessment Guidebook

Digital Skills Toolkit
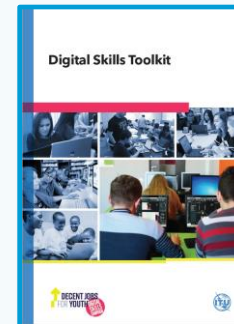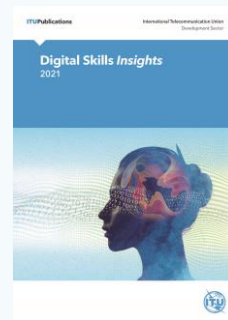
DIGITAL SKILLS CAMPAIGN

academy.itu.int

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

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.

World Summit on the Information Society
WSIS Process

WSIS Action Lines for Achieving the SDGs

An excellent example of multistakeholder digital cooperation within UN Agencies including the Governments, Private Sector, Civil Society, Academia and the Technical Community

The WSIS process comprises of:

- Implementation of WSIS Action Lines (*Cybersecurity, ICT Infrastructure, Enabling Environment, e-Agriculture, e-Employment, e-Health, Capacity Building, Access to Information and Knowledge, Ethical dimensions, … more information : https://www.itu.int/net4/wsis/sdg/*)
- Annual WSIS Forum
- WSIS Stocktaking Database
- WSIS Prizes
- United Nations Group on Information Society (UNGIS)
- Partnership on measuring ICT for Development
- WSIS Special Initiatives

WSIS Forum 2023 KEY FIGURES

+150 COUNTRIES

+2700 PARTICIPANTS ON-SITE AND REMOTE

+250 SESSIONS
• Thematic Sessions • Country Sessions •
Knowledge Cafés • WSIS Action Lines Meetings •
Open Space Talks • Special Tracks • High-Level
Dialogues • Ministerial Roundtable

More information: www.wsis.org/forum

WSIS Process Implementation Framework

ITU Plenipotentiary Conference Resolution on Proposing to hold a WSIS

The UN Millennium Declaration: A/RES/55/2

WSIS Phase I: Geneva Phase (10-12 December 2003) Phase II: Tunisia Phase (16-18 November 2005)

WSIS Forum 2013: Review Event "Towards Knowledge Societies for Peace and Sustainable Development"

- UNGA WSIS Overall Review
- UNGA Resolution A/70/125
- SDG Summit UNGA Resolution A/70/1

WSIS Forum – 10th Year Anniversary of the WSIS Forum

SDG Review

| 1998 | 2000-2015 | 2001 | 2003 & 2005 | 2006-2008 | 2009-2013 | 2014 | 2015 | 2016 - 2023 | 2019 | 2024 | 2030 |

2025

UNGA Resolution 56/183 endorsed holding of the Summit in two phases

Cluster of WSIS related events

WSIS+10 High-Level Event, Extended version of the WSIS Forum

WSIS+20 Forum High-Level Event

WSIS +20 Review: WSIS Process Beyond 2025

WSIS FORUM

IS HELD EVERY YEAR

2017: 12-16 June
2018: 21-25 May
2019: 8-12 April
2020: 22 June - final week (7-10 September)
2021: January onwards - final week (17-21 May)
2022: March Onwards – final week 30 May – 3 June
2023: 13-17 March

HLPF Themes (2016-2023)
- 2016: "Ensuring that no one is left behind"
- 2017: "Eradicating poverty and promoting prosperity in a changing world"
- 2018: "Transformation towards sustainable and resilient societies"
- 2019: "Empowering people and ensuring inclusiveness and equality"
- 2020: "Accelerated action and transformative pathways: realizing the decade of action and delivery for sustainable development "
- 2021: "Sustainable and resilient recovery from the COVID-19 pandemic that promotes the economic, social and environmental dimensions of sustainable development: building an inclusive and effective path for the achievement of the 2030 Agenda in the context of the decade of action and delivery for sustainable development"
- 2022: "Building back better from the coronavirus disease (COVID-19) while advancing the full implementation of the 2030 Agenda for Sustainable Development"
- 2023: Accelerating the recovery from the coronavirus disease (COVID-19) and the full implementation of the 2030 Agenda for Sustainable Development at all levels

World Summit on the Information Society
WSIS Forum

- **WSIS Forum is an annual year-long multistakeholder platform** that:

  o 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.

  o identifies **emerging trends, challenges and opportunities** across the range of ICTs including Cybersecurity, ICT Infrastructure, Accessibility, Digital Inclusion, etc.

  o 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.

  o provides a **space to drive innovation** through emerging technologies such as metaverse, AI, IoTs, blockchain, 5G and many others.

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)

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

https://www.itu.int/en/ITU-D/Projects
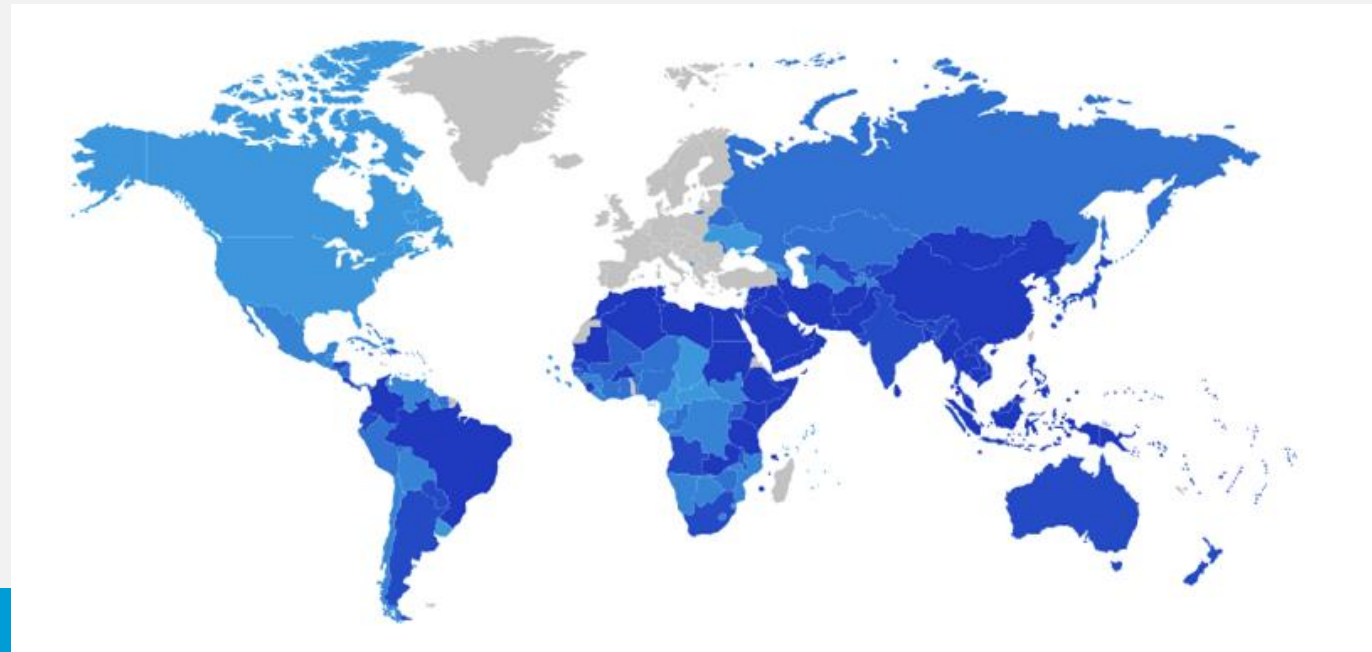
Financing mechanisms for ITU Projects

Funds in Trust
(from partner or 3rd party/donor) to support own projects or 3rd party projects

Voluntary Contributions
(from partner or 3rd party/donor) to finance either specific or unmarked projects

PROJECTS

ITU ICT Development Fund (ICT-DF)

Regular Budget (Operational Plan)
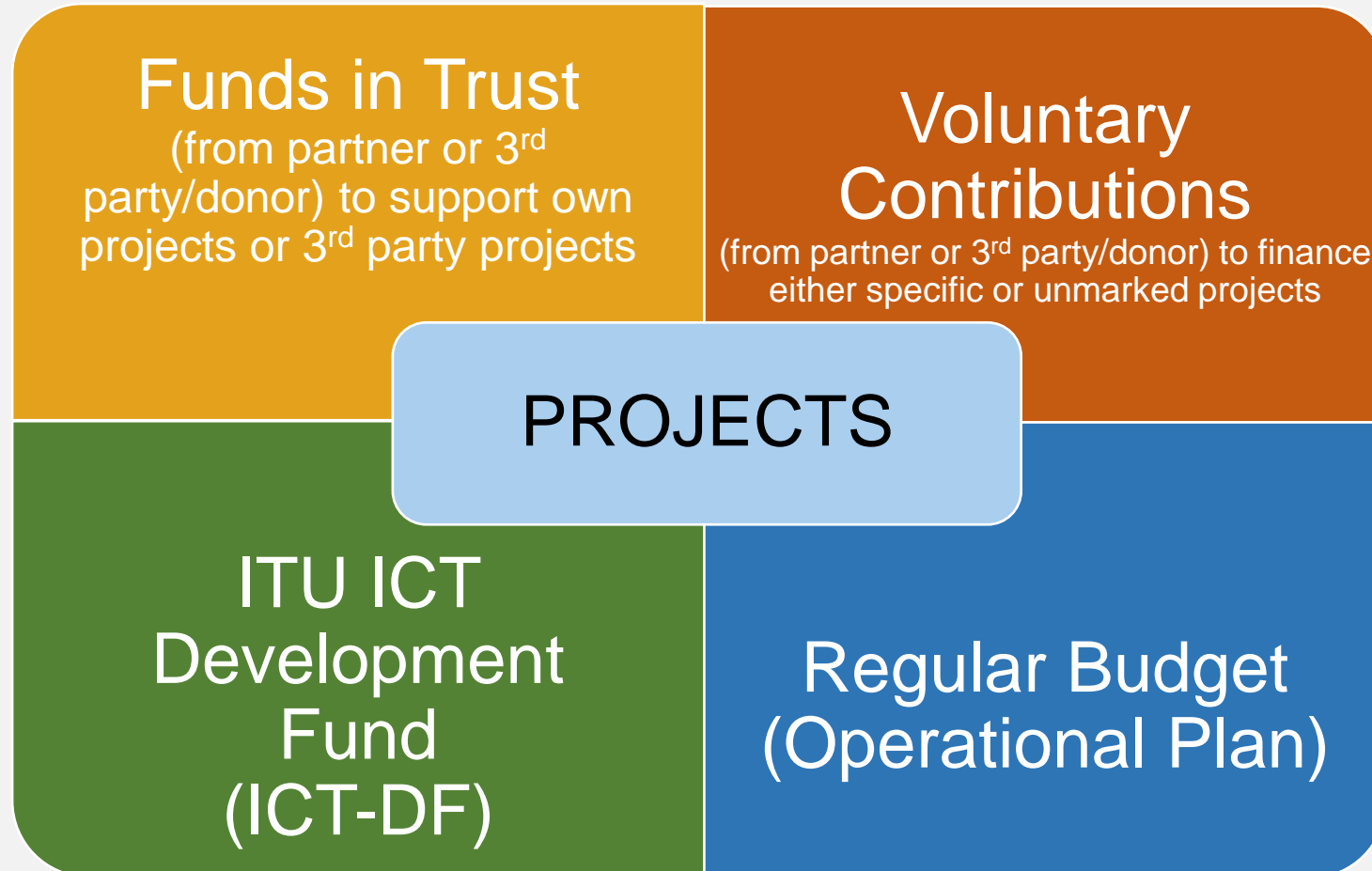
ITU is not a funding entity, but a specialized agency of the UN and executing agency.

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

https://www.itu.int/en/ITU-D/Projects

A sample of ITU projects

ITU PARTNER2CONNECT DIGITAL COALITION

ITU/UNDP JOINT FACILITY FOR DIGITAL CAPACITY DEVELOPMENT

BE HE@LTHY BE MOBILE

BIG DATA FOR MEASURING THE INFORMATION SOCIETY

CONNECTING EVERY SCHOOL TO THE INTERNET (GIGA)

DIGITAL COOPERATION WEBINARS

DIGITAL TRANSFORMATION CENTRES (DTCS)

E-WASTE COALITION

INTERNATIONAL CENTRE OF DIGITAL INNOVATION I-CODI

PARTNERSHIP ON MEASURING ICT FOR DEVELOPMENT

FINANCIAL INCLUSION GLOBAL INITIATIVE (FIGI)

GIRLS CAN CODE INITIATIVE (GCC)

GLOBAL PARTNERSHIP FOR GENDER EQUALITY IN THE DIGITAL AGE (EQUALS)

SMART VILLAGES

ITU AND EIF JOIN FORCES TO REDUCE THE DIGITAL GENDER DIVIDE IN BURUNDI, ETHIOPIA AND HAITI

DECENT JOBS AND SKILLS FOR YOUTH

POLICY AND REGULATION INITIATIVE FOR DIGITAL AFRICA (PRIDA)

GOVSTACK: DIGITALIZATION OF GOVERNMENT SERVICES

CHILD ONLINE PROTECTION

https://www.itu.int/en/ITU-D/Projects

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.

ITUPublications — International Telecommunication Union — Development Sector

Global Cybersecurity Index

2020

ITU-D Membership

193
Member States

+300
Members from the private sector, international and regional organizations

170
Academia and Research Institutions

SECTOR MEMBER
For companies / organizations

Participate in **all** ITU-D activities, such as conferences, seminars, study groups, workshops, specialized studies and working groups pertinent to your business.

Annual membership fees:

| CHF 7,950 | For entities in developed countries |
| CHF 3,975 | For entities in developing countries & LDCs |

ASSOCIATES
For companies / organizations

Join as an Associate and take part in the work of a **single** study group of your choice and other ITU-D activities.

Annual membership fees:

| CHF 3,975 | For entities in developed countries |
| CHF 1,987.50 | For entities in developing countries & LDCs |

ACADEMIA
For universities and research institutes

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:

| CHF 3,975 | For entities in developed countries |
| 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**