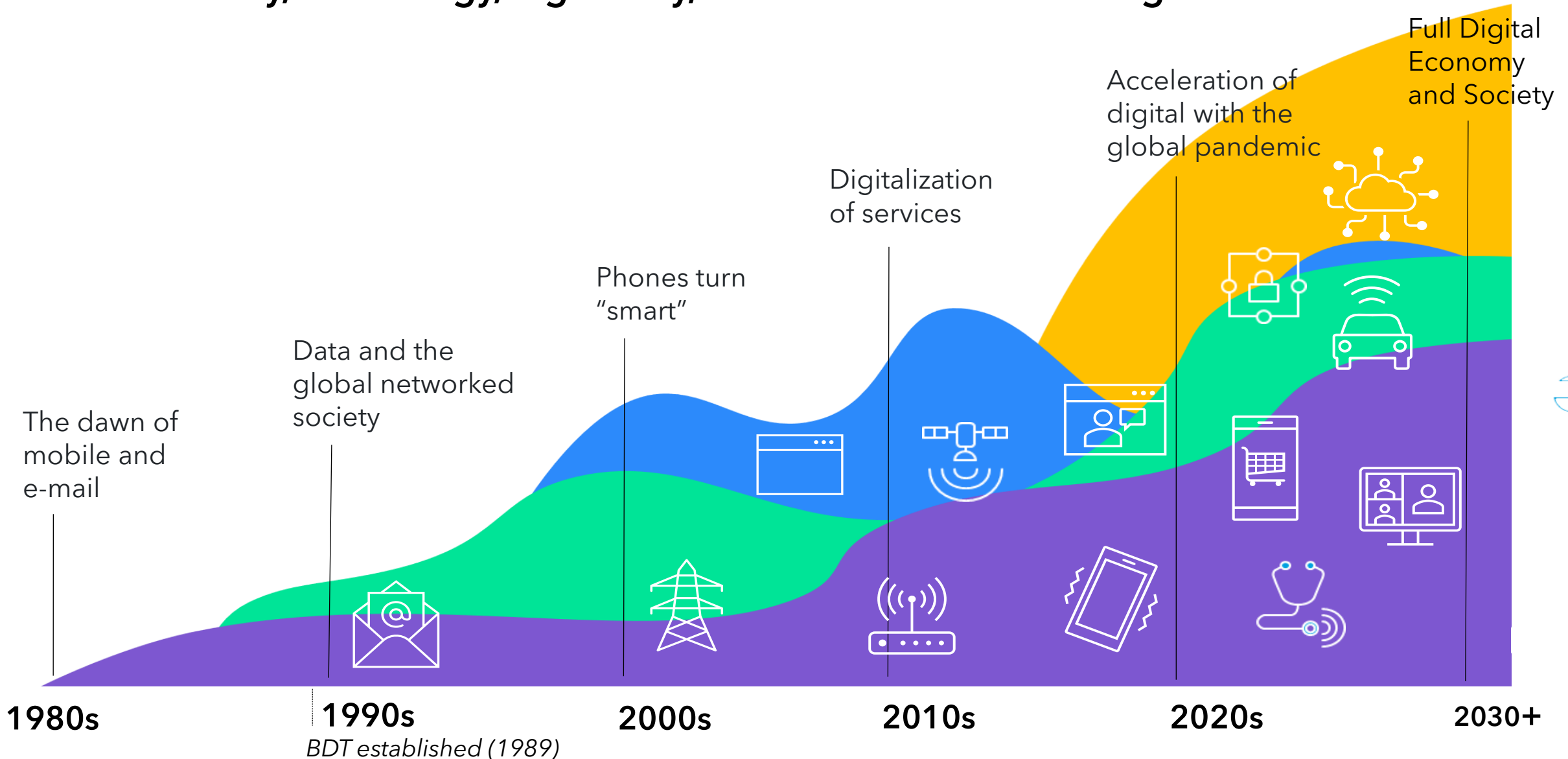


ITU-D Digital Transformation Framework

Along the digital transformation road

connectivity, technology, regulatory, market and societal changes



The case for
embarking on a
digital transformation
journey

| Digital

technologies

infrastructure

collaborative regulation

literacy

skills

inclusion

innovation

health

education

community

connectivity

society

economy

...



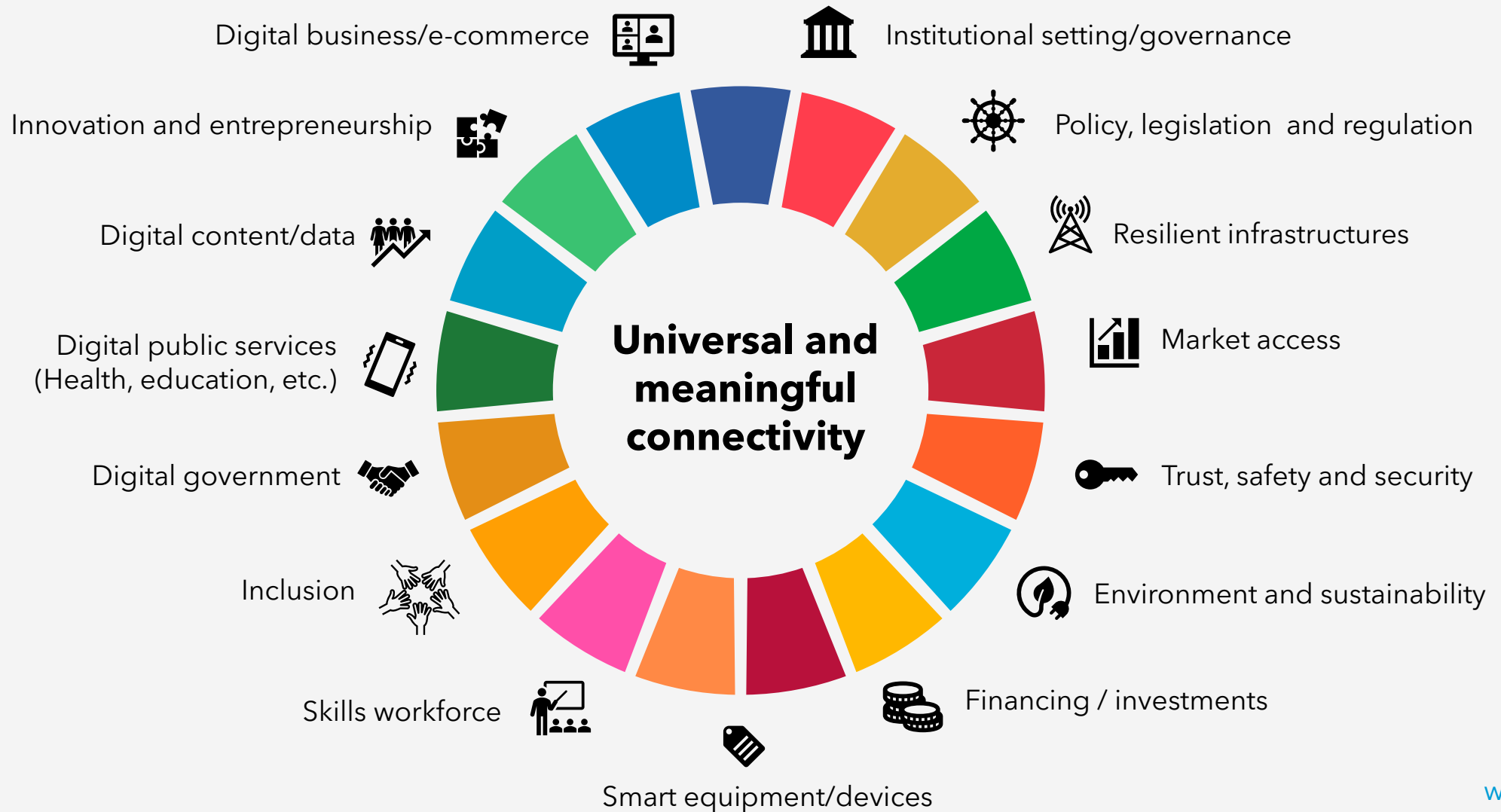
BDT's Role

Together, our team in headquarters and in regional offices work with members to bridge the digital and skills divide and drive digital transformation to leverage the power of ICTs.

Our expertise is driven by ITU-D priority topics adopted at the WTDC.

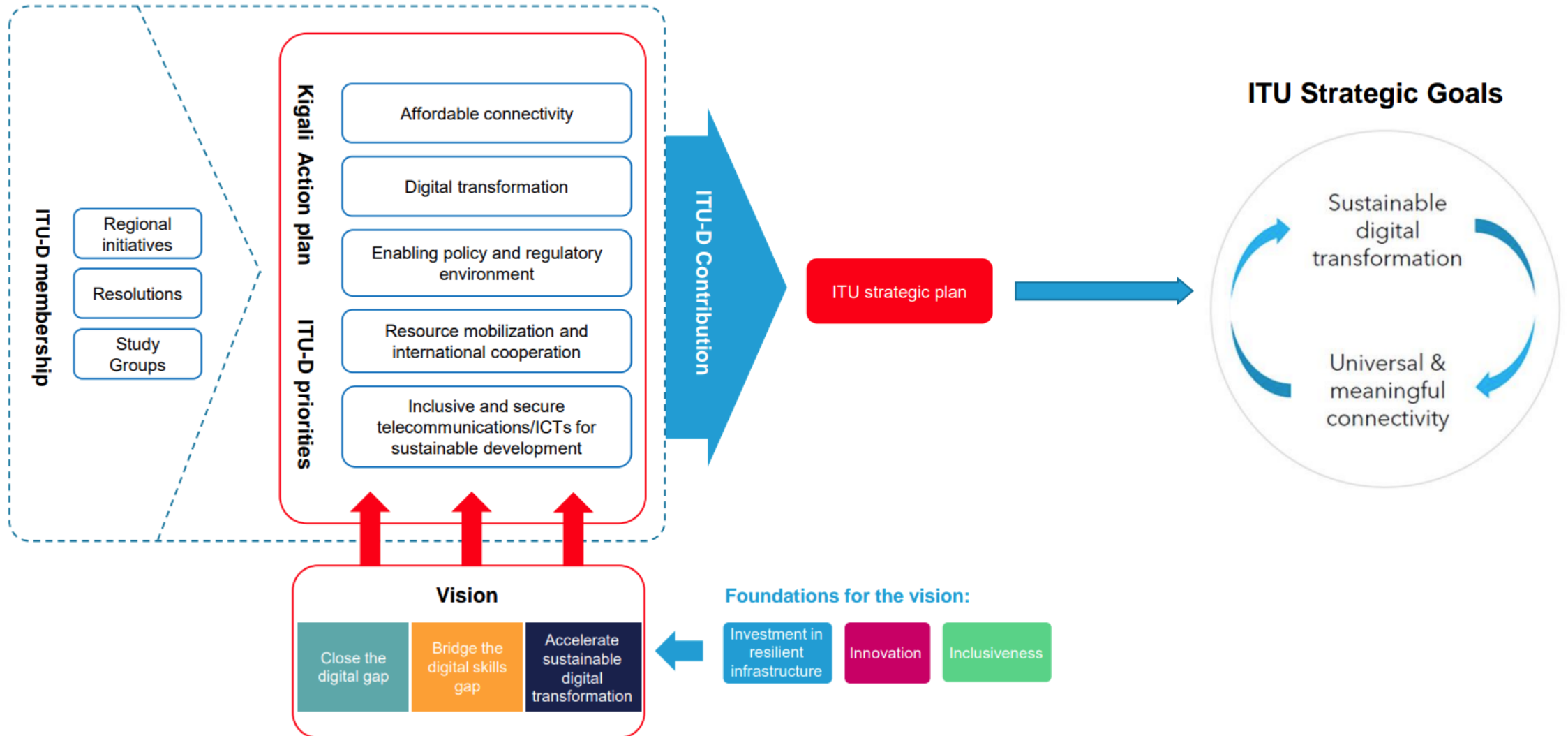
BDT4Impact:

Inclusive sustainable digital transformation



ITU-D

Working to close the digital divide and drive digital transformation



Vision

...Accelerating digital transformation ensuring no one is left behind

Priorities

Affordable
connectivity

Digital
transformation

Enabling policy and
regulatory environment

Inclusive and secure
telecommunications/ ICTs for
sustainable development

Resource mobilization
and international
cooperation

Enablers

Membership
driven

Regional
Presence

Diversity and
inclusion

Commitment to
environmental
sustainability

Partnerships and
international
cooperation

Resource
mobilization

Excellence in human
resources and
organizational innovation

Objectives

Reliable connectivity for everyone

Accelerating digital innovation ecosystems for digital transformation

Building disaster-resilient ICT infrastructure

Leveraging new technologies and ICT services to achieve digitally enabled societies

Supporting collaborative ICT policy and regulation frameworks, market development and user well-being

Developing capacities and skills

Enabling data-driven and evidence-based decision-making towards universal meaningful connectivity

Creating a trusted cyberspace for all

Fostering inclusive, equal access and use of ICTs

Creating a circular economy for ICT equipment

Mobilizing and attracting resources and fostering international cooperation on telecommunication/ICT development issues

BDT framework for digital transformation

ITU-D PRIORITIES AND ENABLERS

Affordable connectivity

Digital transformation

Enabling policy and regulatory environment

Resource mobilization and international cooperation

Inclusive and secure telecommunications/ICTs for sustainable development

Diversity and inclusion

Commitment to environmental sustainability

Membership driven

Regional presence

Excellence in human resources and organizational innovation

Note – these enablers are added for completeness purposes but while related, they are not part of the core DT framework

BDT AREAS OF WORK

Connectivity/Infrastructure/ Emergency telecommunications

Innovation & Entrepreneurship

Digital services

Policy and strategy

Data Analysis & Monitoring

Skills

Partnerships and UN engagement

Security and Trust

Digital inclusion

Circular economy, e-environment and climate change

BDT MODALITIES



Direct assistance / Advisory



Project implementation



Capacity & skills development



Guidelines and best practices



Analysis/Toolkits



Knowledge exchange & dialogue platforms

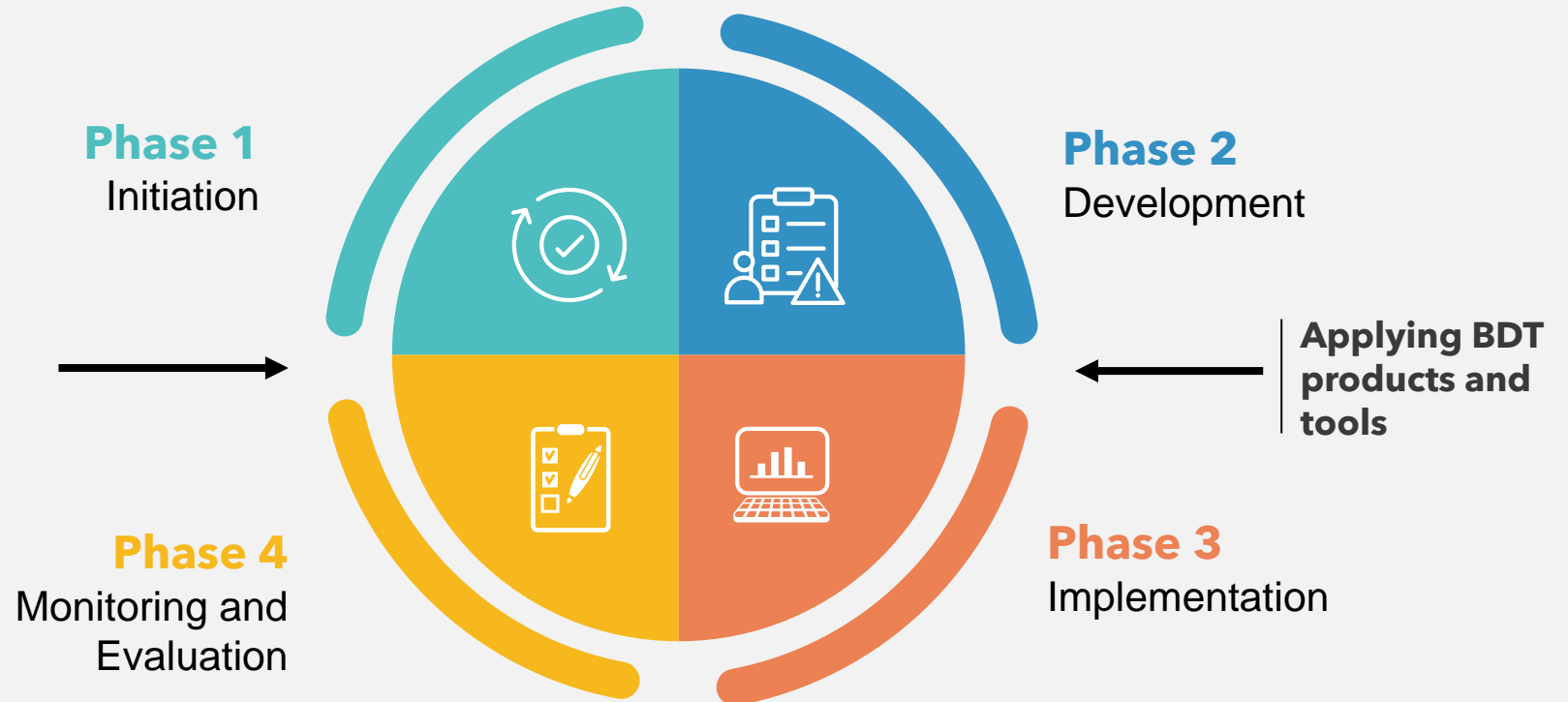
BDT's strategic approach

in implementing digital transformation

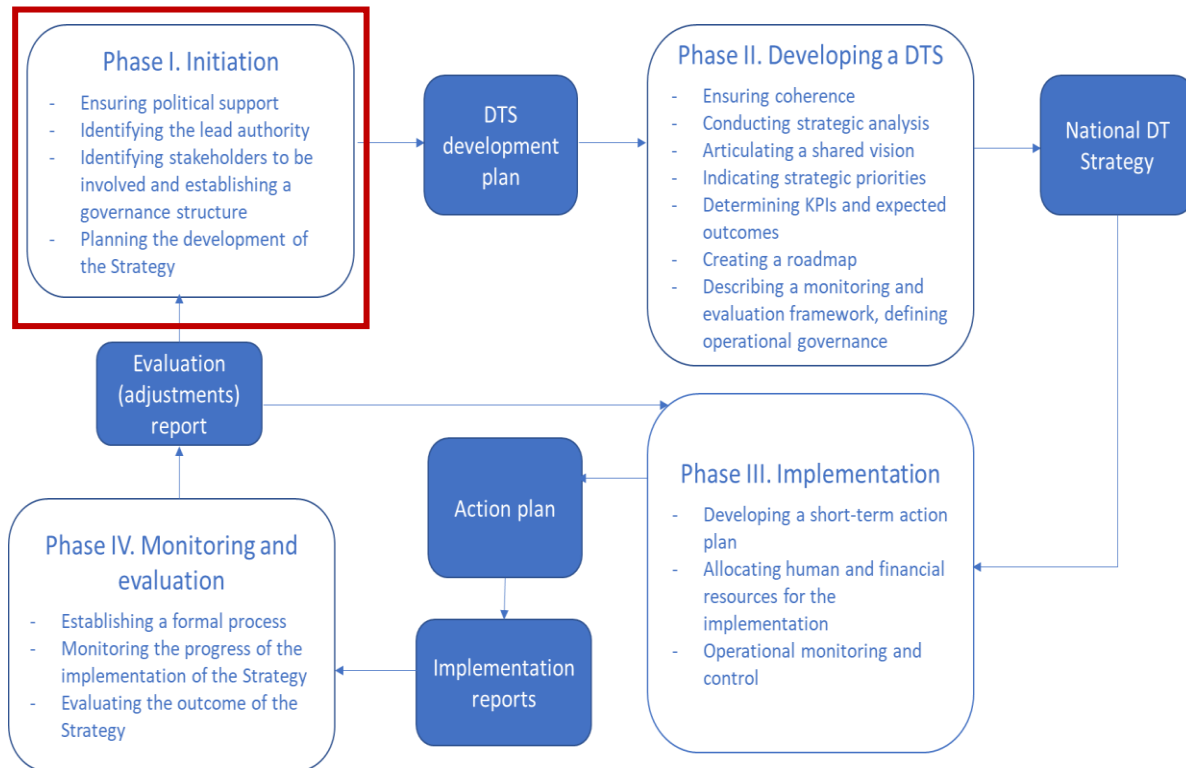
ITU-D AREAS OF WORK



BDT ENGAGEMENT PROCESS TOWARDS IMPLEMENTATION



Phase 1 - Initiation

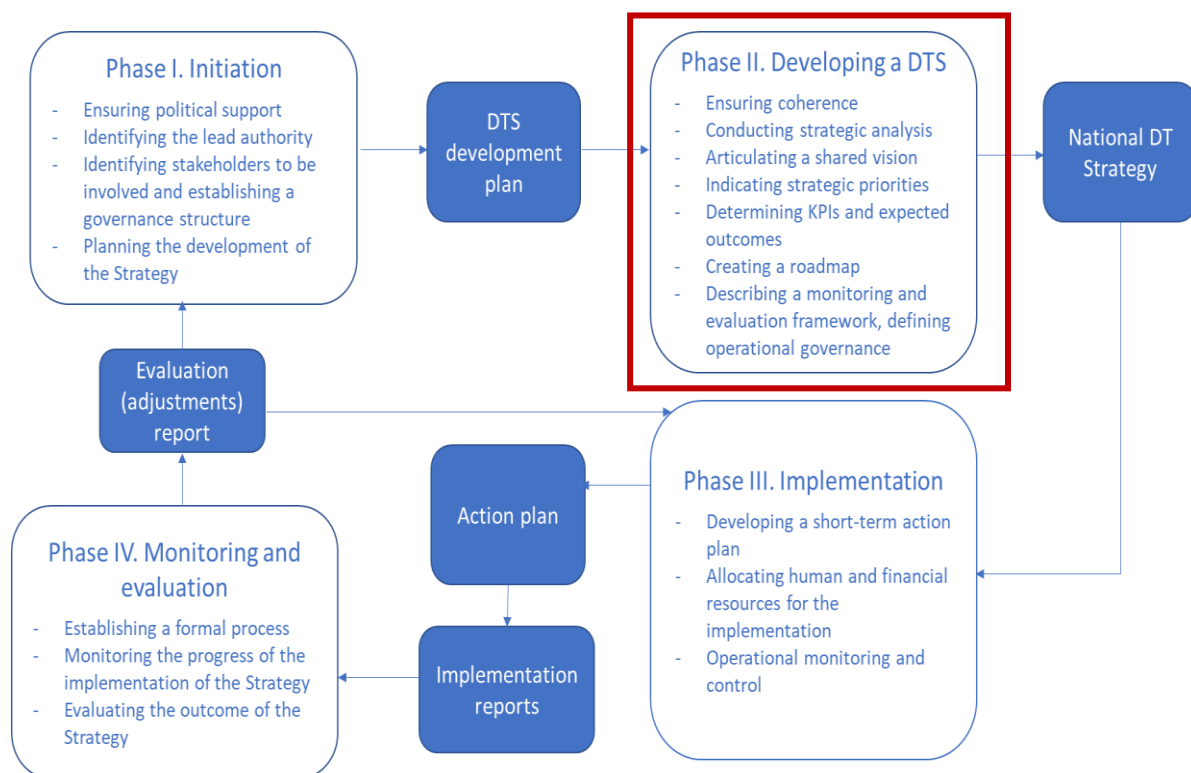


BDT steps

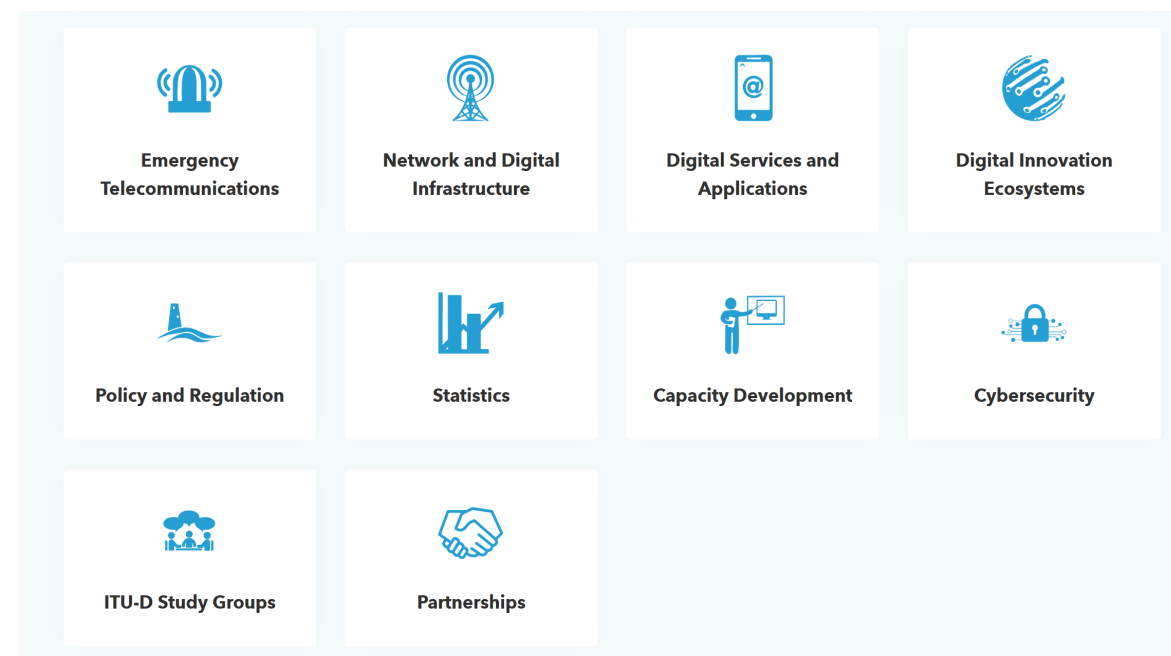
- 01** Country sends a request to BDT
- 02** BDT analyzes the national landscape according to its data sources
- 03** BDT engages with country to explain the strategy
- 04** BDT presents **modality for engagement**
- 05** **BDT and country** agree on proposed implementation

Phase 2 - Developing a country DTS

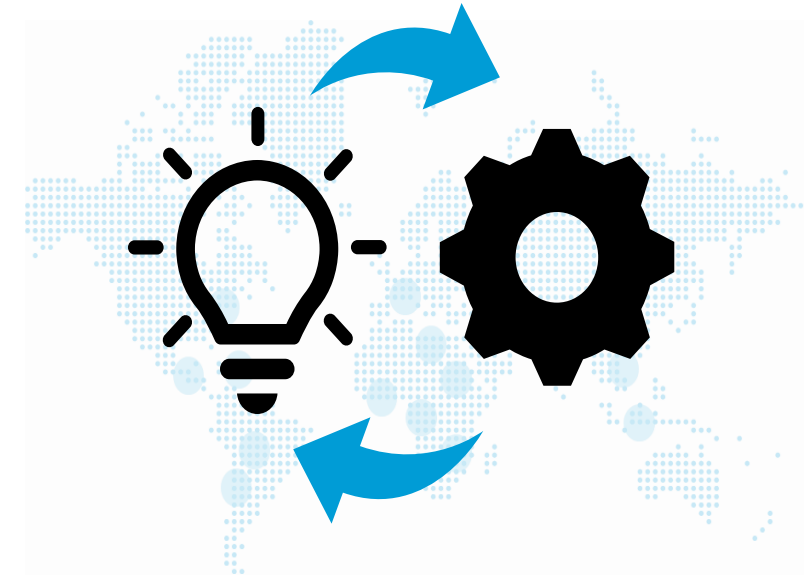
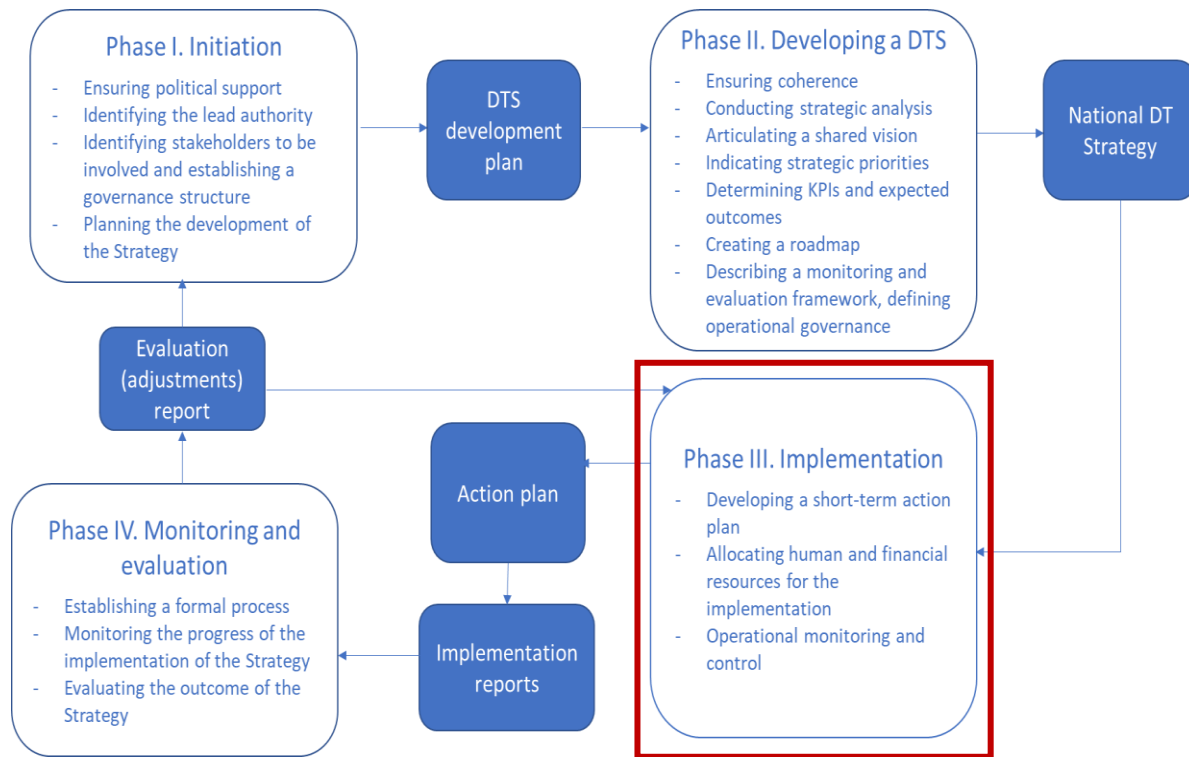
For country action



Leveraging and tailoring BDT products and tools



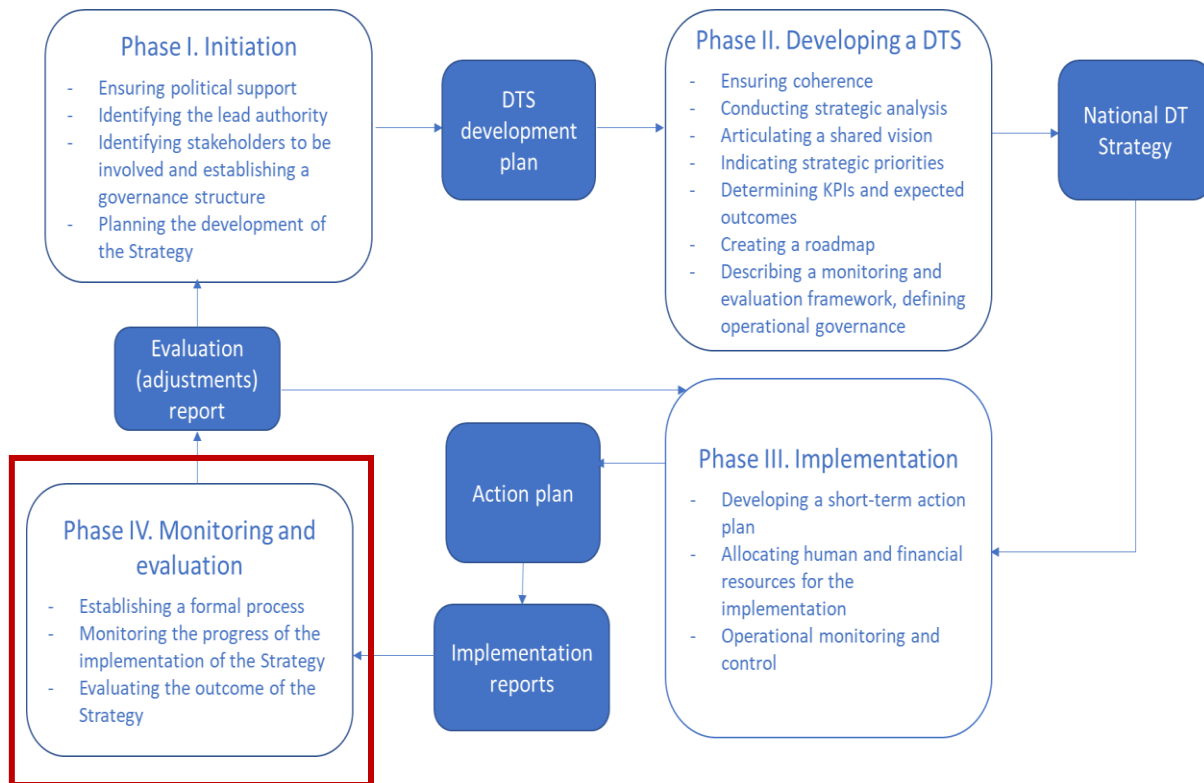
Phase 3 - Implementation



**Country action through
BDT assistance in
implementation**

Phase 4 - Monitoring and Evaluation

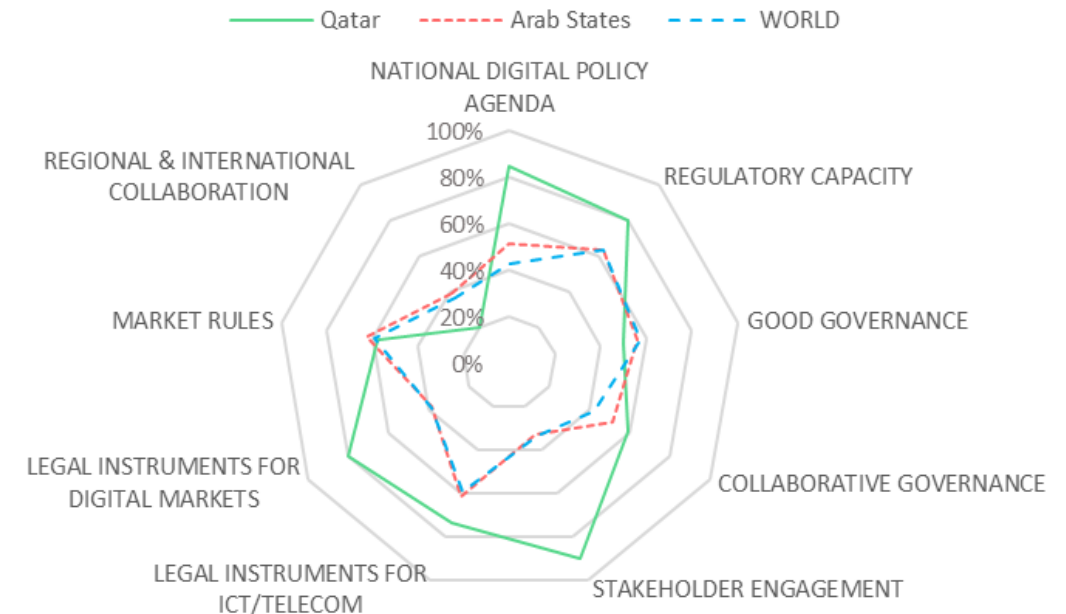
Country action



* Illustrative, on a specific areas of action

BDT monitoring tools

Legal, policy and governance frameworks for digital transformation, 2023



Using the BDT interactive tools:

Digital readiness assessment for evidence-based decision-making



Country/Region

Year
2023

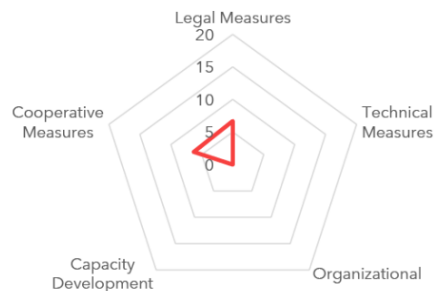
Note on Methodology

Country	Region	Year	Level of readiness	Overall Score
Afghanistan	Asia	2023	Limited	19.91
Albania	Europe	2023	Advanced	69.29
Algeria	Africa	2023	Transitioning	50.93
Andorra	Europe	2023	Transitioning	37.35
Angola	Africa	2023	Limited	27.62
Antigua and Barbuda	Americas	2023	Transitioning	30.56

4. Global Cybersecurity Index 2020: Country profiles

Africa region

Angola (Republic of)



Development Level:
Developing Country, Least
Developed Country (LDC)

Area(s) of Relative Strength
Legal Measures
Area(s) of Potential Growth
Technical, Organizational, Capacity
Development Measures

Overall Score	Legal Measures	Technical Measures	Organizational Measures	Capacity Development	Cooperative Measures
12.99	6.70	0.00	0.00	0.00	6.30



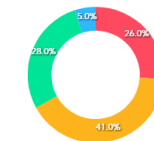
GLOBAL TRENDS THE JOURNEY LEVEL OF ADVANCEMENT

Pick a breakdown

Category

2021

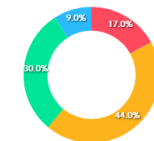
World 2021



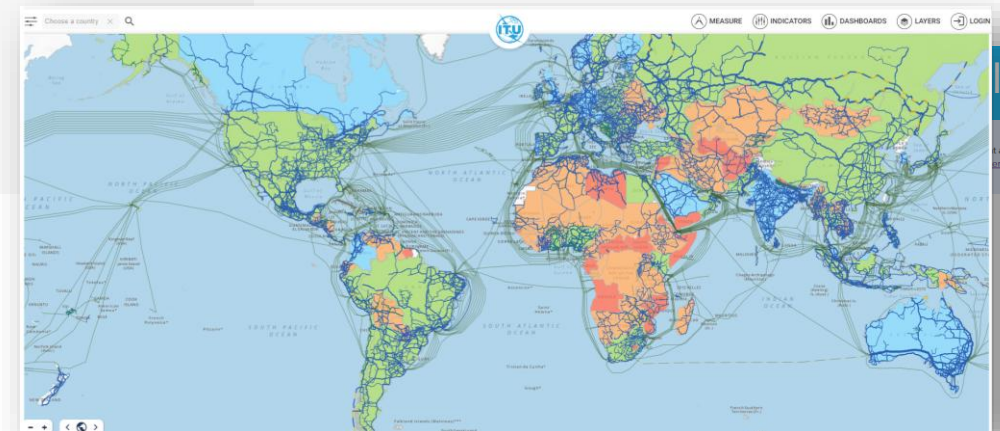
Source: ITU

2023

World 2023



Source: ITU



More on our products and tools



**Emergency
Telecommunications**



**Network and Digital
Infrastructure**



**Digital Services and
Applications**



**Digital Innovation
Ecosystems**



Policy and Regulation



Statistics



Capacity Development



Cybersecurity



ITU-D Study Groups



Partnerships



Network & Digital Infrastructure

Reliable Connectivity for Everyone

Objective

Reliable connectivity for everyone.

Focus Area

Increased usage of connectivity by citizens.

Efficient spectrum management by professionals.

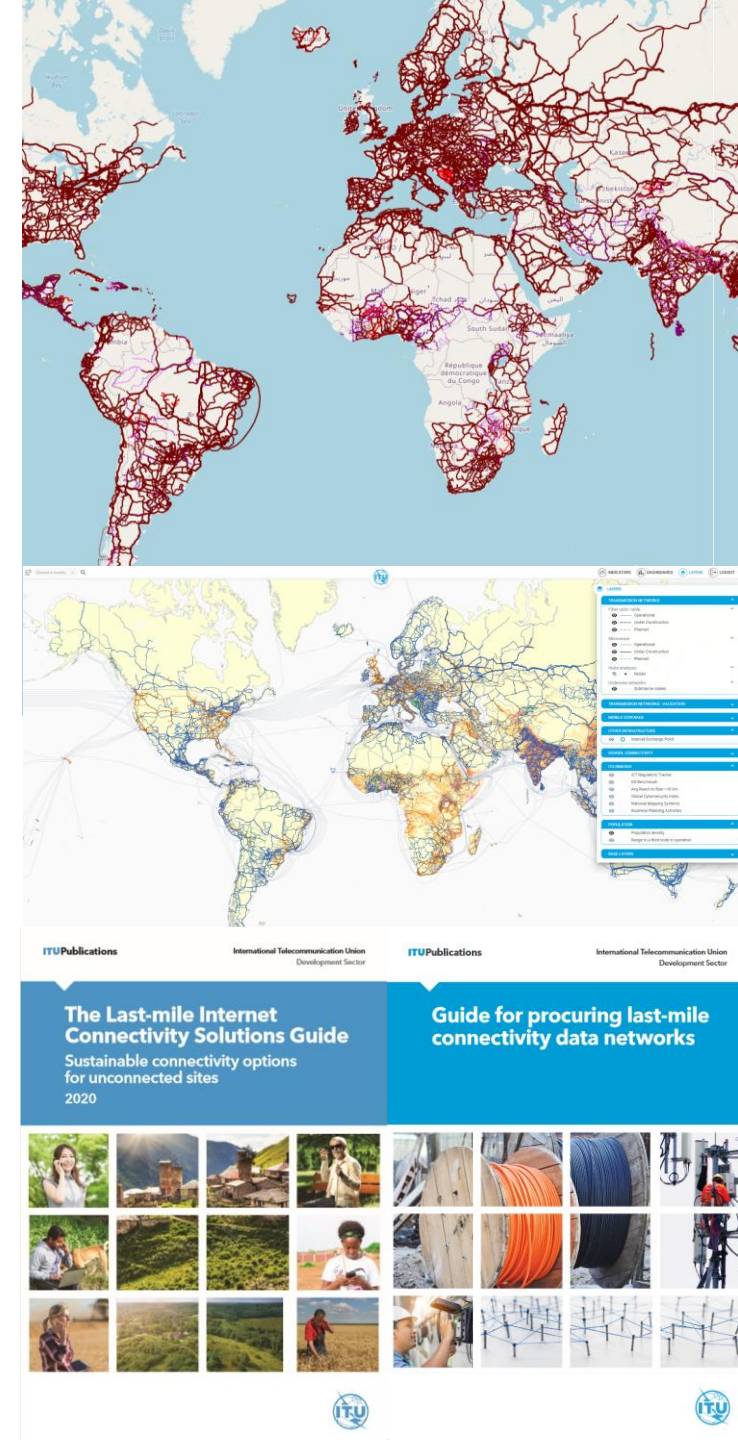
Adoption of modern ICT infrastructure.

Products

Broadband Networks

Infrastructure Maps

Last Mile Connectivity Solutions guide.





Emergency Telecommunications

Creating a resilient ICT environment

Objective

Build disaster-resilient ICT infrastructure for reduced loss of lives and damages.

Focus Area

Development of National Emergency Telecommunication Plans.

Capacity building for the use of ICTs for disaster management and the development of simulation exercises.

Implementation of multi-hazard early warning systems including CAP.

Products

National Emergency Telecommunication Plans

Table-top simulation exercises

Early Warnings for All (Pillar 3)





Digital Services & Applications

Building a Brighter Future

Objective

Leverage new technologies and ICT services to achieve digitally enabled societies.

Focus Area

Support countries to achieve the sustainable development goals.

Develop digital government strategies.

Deploy integrated citizen-centric solutions

Products

Smart Villages/Islands Communities

Digital Health

Digital Government

Digital Agriculture

GovStack

Open Source





Digital Inclusion

Ensuring inclusive, equal access and use of ICTs for all

Objective

Inclusive, equal access and use of ICTs for all.

Focus Area

Support Member States and specific local communities.

- Women and girls
- Youth Empowerment
- Digital Accessibility
- Older persons
- Indigenous communities and minorities

Products

Girls can Code initiative
Girls in ICT Day
Equals Partnership
Generation Connect
Accessibility events
Publications





Environment

Creating a Cleaner Future

Objective

Create a circular economy for ICT equipment.

Focus Area

Knowledge to improve expertise in the collection of e-waste data.

E-waste policy support.

Products

WEEE Policy development support

Global, Regional and National E-Waste Monitors





Digital Innovation Ecosystems

Closing the Digital Innovation Gap

Objective

Accelerate digital innovation ecosystems for digital transformation.

Focus Area

Build stakeholders' capabilities in innovation and entrepreneurship.

Scale-up entrepreneurship driven innovation aligned to national development priorities.

Get accurate diagnosis of ecosystems' health and develop strategies to inform national policies.

Accelerate initiatives to achieve impact and sustainability in key sectors.

Products

Innovation Challenges

Global Innovation Forums

Digital Transformation Accelerators

Ecosystem Development Strategy and Roadmaps

Innovation and Entrepreneurship Alliance for Digital Development





Policy & Regulation

Keeping up with Technological and Market Changes

Objective

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

Focus Area

Digital Policy and Regulation Engagement, Knowledge Sharing and Awareness

Digital Policy and Regulation Tools Enhancement

Products

Digital Regulation platform

Collaborative Regulation

G5 Benchmark

Global Symposium for Regulators

Best Practice Guidelines

Economic impact studies

ICT Policy Impact Lab

Collaborative Digital Regulation Country Reviews



GLOBAL SYMPOSIUM FOR REGULATORS

ITUGSR
KAMPALA2024

Regulation for Impact

1-4 July 2024
Kampala, Uganda

www.itu.int/gsr24
#ITUGSR



Global Symposium
for Regulators (GSR) 2024
**Best Practice
Guidelines**





Statistics

Taking the pulse of the information society

Objective

Enabling data-driven and evidence-based policies and decision-making towards universal and meaningful connectivity.

Focus Area

Collecting data

Data collection
Indicator development
Collection standards
Capacity building

Making sense

Data analytics
Economics
Empirical research
Data science

Reaching out

Data and research dissemination
Statistical events
Partnerships

Products

1. Measuring digital development series (Facts and figures, ICT price trends)
2. Online tools: (ITU Data Hub and Dashboards)
3. Manuals and online courses on ICT data collection
4. ICT Development Index (IDI)





Capacity Development

Closing the Digital Skills Gap

Objective

Developing capacities and skills for digital transformation.

Focus Area

Specialized training for ICT professionals and policy makers.

Development of knowledge resources

Increasing basic digital skills of citizens in marginalized communities.

Products

ITU Academy

ITU Academy Training Centres

Digital Transformation Centres Initiative

ITU-ILO Digital Skills Campaign

Digital Skills Toolkit

Digital Skills Assessment Guidebook





Cybersecurity

Building a Safer Future

Objective

Creating a Trusted Cyberspace for All.

Focus Areas

Implementation of Technical and Policy Measures.

Enhancing Organizational Structures.

Developing Capacity.

Promoting Cooperation and Coordination.

Products

National CIRTs

Global Cybersecurity Index

Global Cyberdrills

Child Online Protection



Accelerating digital transformation

ITU Regional Initiatives 2023-2025

AFR1

Supporting digital transformation to usher a rapid transition to digital economy while accelerating innovation in Africa

CIS3

Creating an enabling legal and regulatory environment to accelerate digital transformation

AMS3

Effective support for the digital transformation and innovation ecosystems through scalable, funded and sustainable connectivity projects

ASP4

Enabling policy and regulatory environments to accelerate digital transformation

EUR2

Digital transformation for resilience

ARB1

Sustainable digital economy through digital transformation

Discover more

Collaboration to support digital transformation in Lesotho



The ITU Telecommunication Development Sector (ITU-D) has been providing technical support in drafting a National Digital Transformation Strategy for Lesotho. In June, the Ministry of ICT of Lesotho hosted stakeholder consultations for the review of the National Digital Transformation Strategy developed together with ITU-D. The Strategy details the specific actions and initiatives needed to be achieved by 2030 and has identified critical medium to short term interventions in 5 pillars from enabling environment, digital government, digital Infrastructure, digital population, and digital business. The consultation also saw the review of another key document, the Draft National Digital Policy.


[Discover more](#)

Driving digital transformation for sustainability: the Summer School experience

Insights from policymakers and development professionals from around the world who participated in the 'Catalyzing the Digital Future for Sustainability' Summer School, organized by ITU-D and the United Nations University - Maastricht Economic and Social Research Institute on Innovation and Technology (UNU-MERIT), part of the four-year European Union-funded "Capacity Development for Digital Transformation" project.

[Discover more](#)

**Digital Impact Unlocked**[About](#)[All Stories](#)



Digital Impact Unlocked: BDT4Impact

"From communities overcoming challenges to people chasing their dreams, learn how the work of the ITU's Telecommunication Development Bureau transforms lives when it meets the needs of the people that it serves."

Dr Cosmas Luckyson Zavazava, Director of ITU's Telecommunication Development Bureau

