
ITU-D Activity



Committed to connecting the world

ITU Background

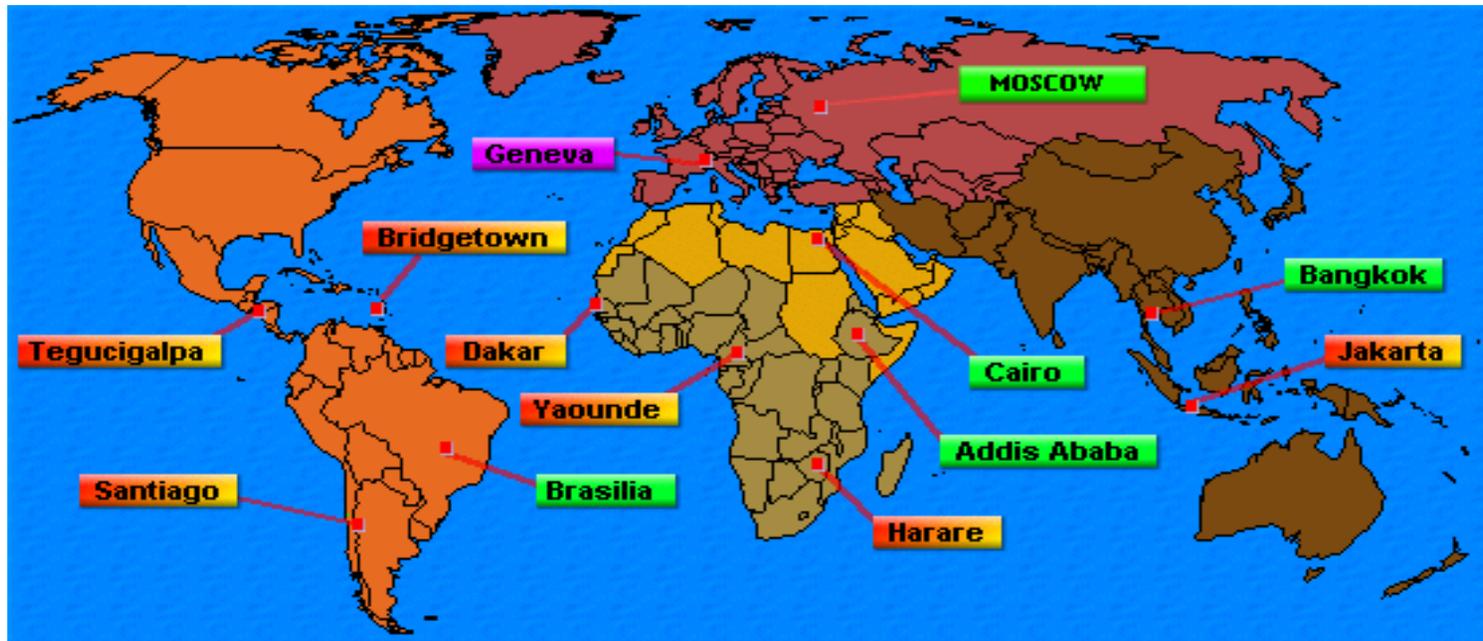
- Leading United Nations agency for ICT
- 191 Member states and 700 Sector Members
- Organized in three sectors
 - Radio, Standards, Development
- ITU TELECOM
 - Flagship ICT industry global and regional events
- Committed to connecting the world



Committed to connecting the world

ITU's Global Presence

5 regional offices, 8 area offices
HQ in Geneva, Switzerland



Committed to connecting the world

Seven Main Goals of the Union

Under the Strategic Plan of the Union for 2008-11

- Maintain and extend **international cooperation**
- Assist in **bridging the digital divide** and promote global connectivity through implementation of WSIS goals and objectives
- Widen the Union's **membership**
- Develop tools to **safeguard networks**
- Continue to improve **efficiency and effectiveness**
- Disseminate **information and know-how of ICT**
- Promote the development of an **enabling environment**



Committed to connecting the world

ITU Structure

- Office of the Sec-Gen
- 3 Sectors with Bureaux
- Membership:
 - 191 Member States
 - Sector Members
 - ITU-T 330
 - ITU-R 291
 - ITU-D 321
 - Associates
 - ITU-T 116
 - ITU-R 29



Additional details available on ITU web site:
www.itu.int/aboutitu/overview/index

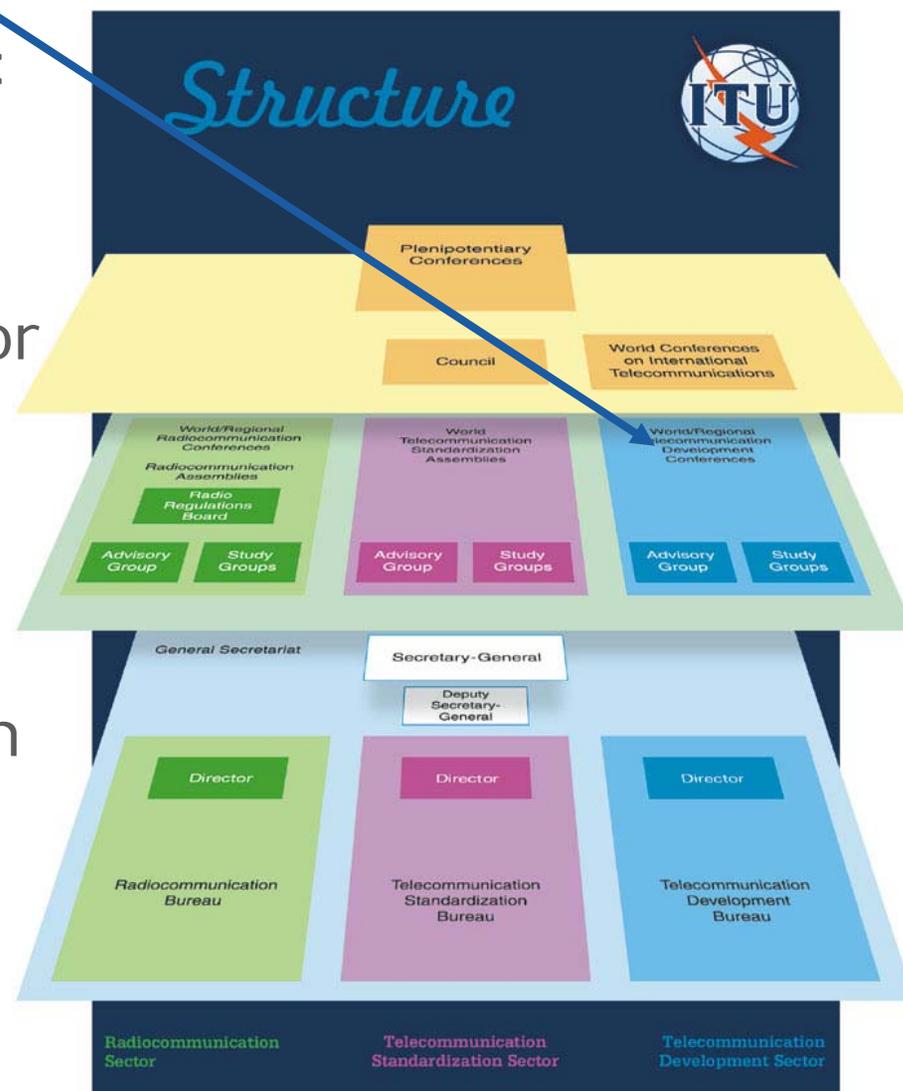
ITU Sector Roles and Missions

- **General Secretariat**
 - Coordinates and manages the administrative and financial aspects of the Union's activities
- **ITU-R**
 - Coordinates radio communications, radio-frequency spectrum management and wireless services
- **ITU-T**
 - Mission is to ensure an efficient and on-time production of internationally applicable high quality standards covering all fields of telecommunications
- **ITU-D**
 - Technical assistance and deployment of telecom networks and services in developing and least developed countries to develop communication services



ITU-D: WTDC

- Held approx. every 4 years:
 - WTDC 2002, Istanbul
 - WTDC 2006, Doha
- Objectives and strategies for telecoms development
 - Priority: expand, modernize networks to boost telecoms penetration and access in the world's poorer countries
- International cooperation
- ITU-D SGs, mandates



ITU-D: Study Groups, TDAG

■ ITU-D:

➤ Purpose: devise innovative solutions to specific problem areas per WTDC

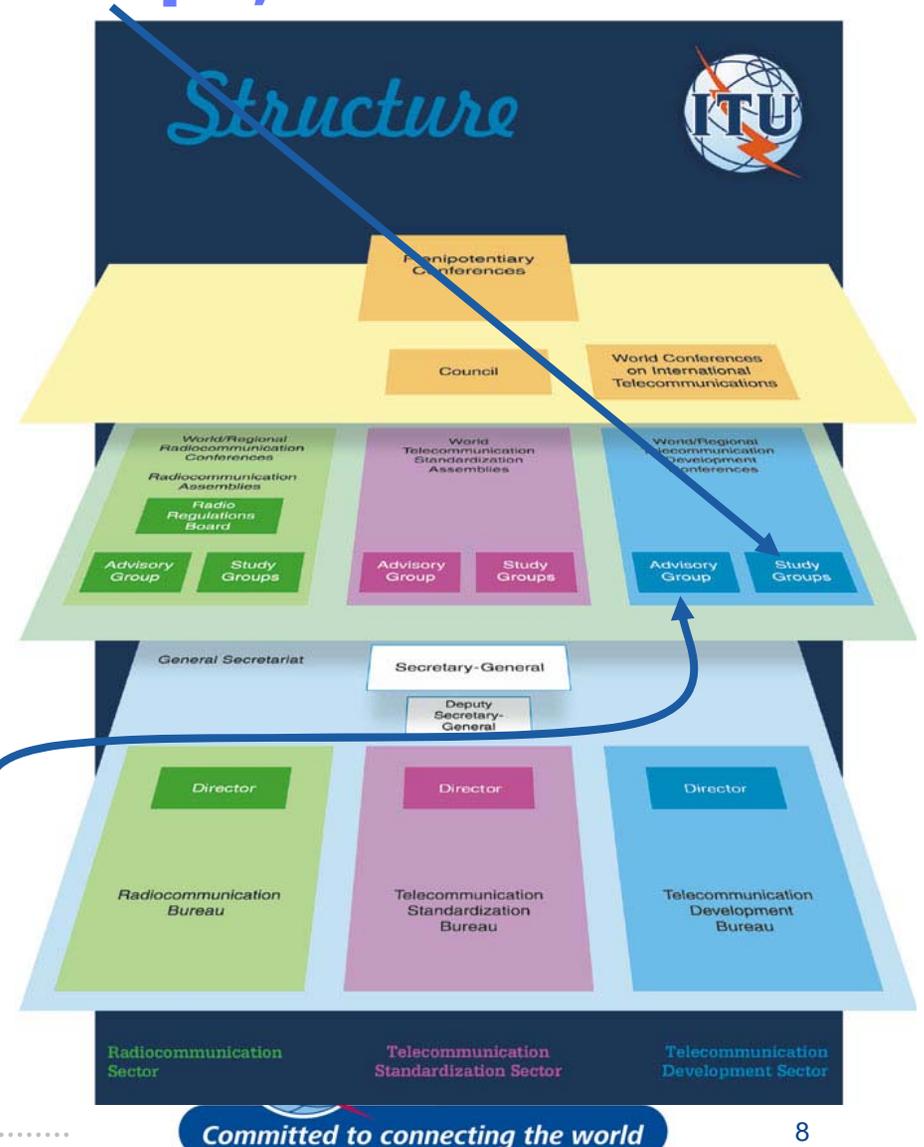
➤ No technical standards

■ SGs focus: telecoms development strategies

➤ SG 1 - Telecommunication development strategies and policies

➤ SG 2 - Development and management of telecommunication services and networks and ICT applications

➤ TDAG: Advisory Group



The digital divide problem

Table 5.1: Where the divides lie

Overview of the main forms of the digital divide affecting individuals and countries

For individuals	For countries
Socio-economic status	Development stage
Gender	Infrastructure
Age, life stage	Public policy
Language/ethnic status	Skills mix
Rural/urban location	Size of domestic market
Skills balance	Location relative to trading partners

Source: Adapted from “How real is the Internet market in developing nations?” by Madanmohan Rao, at <http://www.isoc.org/oti/articles/0401/rao.html>

ITU Development Sector (ITU-D)

Mission: “promoter & catalyst” for ICT / Telecom development

- Strengthen cooperation between ITU Members
- Foster enabling environment that promotes ICT/telecom development
- Identify projects, promote investment and P/P partnerships.
- Support implementation of global, regional initiatives
- Undertake economic, financial, technical studies on ICT issues
- Assist developing countries in building capacity and disseminate information and know-how



Committed to connecting the world

Priority Areas

- **Enabling Environment for ICT investment**
 - Regulatory and policy harmonization, training, toolkit, best practices, global symposia
- **ICT Infrastructure/Access**
 - Rural connectivity, regional interconnectivity
 - Tele-centres, village phone/shared access
 - Low cost connectivity, shared infrastructure
- **Capacity Building**
 - Centres of Excellence, Internet Training Centres, Scholarships, internships, employability
- **ICT Applications and Cybersecurity**
 - E-government, cybersecurity, e-health, e-education
- **Emergency telecommunications**
 - Standards, network rehabilitation, frequency allocation, collaboration for rapid deployment of equipment



Committed to connecting the world



World Telecommunication Development Conference

WTDC-06, Doha 7-15 March 2006

Programmes/Activities/Initiatives

■ **Six Programmes**

- Regulatory Reform
- Information and communication infrastructure and technology development
- E-strategies and ICT applications
- Economics and finance including costs and tariffs
- Human capacity building
- Least developed countries and small island developing states, and emergency telecommunications

■ **Activities**

- Statistics and information on telecommunications/ICT
- Partnerships and promotion

■ **Special initiatives**

- Private Sector
- Gender
- Young people and children
- Indigenous people and communities
- People with disabilities

■ **Regional initiatives**

- Africa / Americas / Arab Region / Asia-Pacific / CIS

■ **WSIS Implementation**

- WSIS Action Line C2 Facilitation
- WSIS Action Lines Co-facilitation
- WSIS Stocktaking etc.

Development Programs

Six Major Development Programs

Program 1: Regulatory reform

Program 2: Technologies and telecom/ICT network development - Infrastructure

Program 3: E-strategies and ICT applications

Program 4: Economics & finance

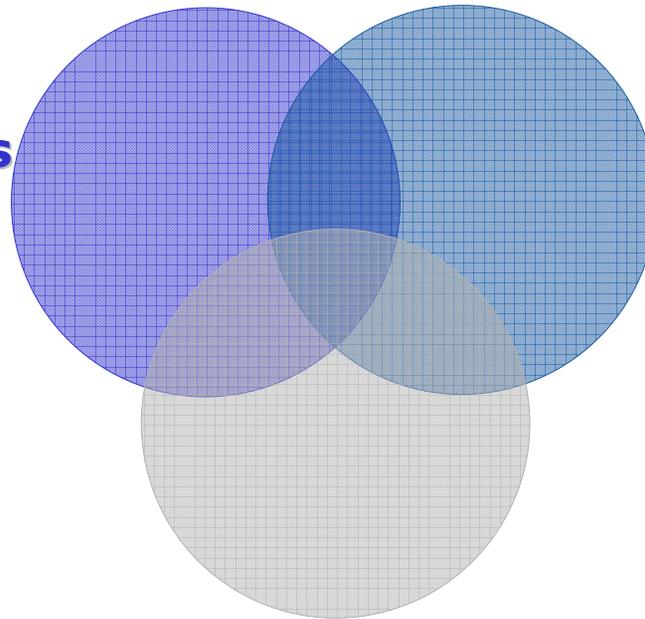
Program 5: Human Resource Development

Program 6: Special program for least developed countries (LDC) + SIDCs



ITU-D Study Groups

ITU-D Study Group 1
Telecommunication
development strategies
and policies



ITU-D Study Group 2
Development and
management of
telecommunication
services and networks

Collaboration with others ITU-T and ITU-
R Study Groups
Global Initiatives or Focus Groups

Collaborative working methods ordered along set of
questions reflecting evolution of the information and
communication sector



Committed to connecting the world

Connect the World (CTW)

- **Global platform** for partnership development in the ICT sector
- **Launched in 2005** with 22 partners – now has 50 partners and growing
- Open, **multi-stakeholder initiative**
- **Mission:** mobilize global community to implement connectivity goals of the WSIS
 - “Connect the unconnected by 2015”
- Three “**building blocks**”:
 - enabling environment
 - infrastructure and e-readiness
 - applications and services
- **Call for Partners!**



Connect Africa



A Global Multi-Stakeholder Partnership

to mobilize the human, financial and technical resources required to bridge major gaps in information and communication technology (ICT) infrastructure across the region, with the aim of supporting affordable connectivity and applications and services to stimulate economic growth, employment and development throughout Africa.

www.itu.int/itu-d/connect/africa

Summit of Leaders Kigali, Rwanda, 29–30 October 2007

Patronage: The President of Rwanda, Mr Paul Kagame

Organizers: ITU, African Union, World Bank Group, the United Nations Global Alliance for ICT and Development GAICD

Partners: African Development Bank, the African Telecommunication Union and the UN Economic Commission for Africa



ITU-D Projects | ITU-D Projects - Microsoft Internet Explorer

Address: <http://www.itu.int/ITU-D/projects/>

International Telecommunication Union

Home | ITU Sectors | Newsroom | Events | Publications | About Us

ITU-D Projects

In order to strengthen the implementation and execution of projects on ICTs for development at national, regional and global levels, the ITU has a dedicated team of project specialists who can be reached at [field offices](#) and [headquarters](#).

[About Projects](#) | [Ongoing Projects](#) | [Regional Initiatives](#) | [Call for Partners](#) | [Search](#) | [Site Map](#)

ITU-D Projects Site Map

<http://www.itu.int/ITU-D/projects/>

Top - Feedback - Contact Us - Copyright © ITU 2008 All Rights Reserved
 Contact for this page : BDT Web Support
 Updated : 2008-03-27

one Internet

ITU Initiatives on Climate Change

- Role of ICT
 - A cause of global warming but also an important element in tackling the challenge
 - Environmental monitoring, data gathering and analysis: e.g., aerial photography, satellite imaging, grid technology and GPS for tracking long term movement of glaciers, sensor networks and computer modeling
 - ICT sector contributes 2.5 % of annual green house gases, a much smaller percentage than its share of global GDP
 - ICT as a green technology (eg promoting telecommuting and intelligent transport)

- Role of ITU
 - ITU as one of the very important stakeholders in the area of climate change: UN Secretary General
 - ITU work on reducing power requirements of telecom equipment, terminal devices and networking equipments (eg NGNs require 40% less power)
 - Wider climatic tolerance for telecom/ICT equipment (reduced need for air condition)
 - Carbon abatement technologies, (TelePresence: reducing travel)
 - Mitigating effects of climate change: eg, recycling of ICT waste
 - Adapting to climate change eg, telecommunications for disaster relief
 - ITU-T Standardization work on energy efficient devices and networks
 - Active commitment to promoting the use of ICT as a positive force to reduce greenhouse emissions and to mitigate the effects

- ITU to organize two symposia in 2008 on the topic of ICTs and climate change (Japan, April 15-16 and United Kingdom, June 17-18)



ITU Membership

- An interested entity or organization may join ITU as a Sector Member
- An ITU Sector Member participates in the work of corresponding ITU Sector:
 - Study/Working Groups, Regional and World Telecommunication Conferences, Advisory Groups, workshops, seminars and meetings
- Also an opportunity to influence decisions and network architecture



Committed to connecting the world

ITU Membership

(as of May 2007)

	ITU-R	ITU-T	ITU-D	TOTAL
Member States	191	191	191	191
Sector Members	289*	328*	323*	611
Associates	29*	119*	6*	143
Total:	509	638	520	945

*Some are multiple ITU Sector Member

The number of the ITU Members is continuously growing!



Committed to connecting the world

ITU Membership* Regional Breakdown (UNDP Regions) as of May 2007

	ITU-R	ITU-T	ITU-D	TOTAL**
AFRICA	18	18	40	45
AMERICAS	66	101	66	153
ARAB STATES	22	19	77	81
ASIA-PACIFIC	66	69	53	121
EUROPE/CIS	117	121	87	211
Total:	289	328	323	611

* Companies or organizations can be Sector Members of one or several Sectors.

** Total per region of Sector Members (participating in the work of one or several Sectors).



Committed to connecting the world

Who are the Sector Members?

- Network operators / carriers / service providers
- Technology / equipment suppliers
- Software / application developers
- Regulators
- Dispute settlement organizations
- Regional / International organizations
- Professional / geographical ICT / Telecom organizations
- Consulting firms
- Universities / Research centers / training institutes
- Financial & Development institutions
- Other entities dealing with  Telecom

Benefits of being an ITU Sector Member

- **Strong influence** on the process how the information and communication sector evolves
- **Increased awareness** of your business priorities
- **Efficient networking:** Direct contact with other key market players
- **Enhanced participation:** Participate in advisory, study and working groups
- **Better access to information:** ITU working documents, discounts on publications, use of free TIES accounts and thematic virtual working spaces



ITU Associates

- An interested entity or organization may join an ITU Sector as an **Associate** and be entitled to take part in the work of a **selected single** Study Group.
- Associates may have access to **documentation** required for their work and may serve as **Rapporteur or Editor**.



Industry Needs

■ **Enabling Environment**

- reduced time, cost for decisions which impact investments
- independent regulator, clear guidelines, simplified and transparent procedures, open opportunities/level playing field
- technology neutral policy and regulation in an era of convergence
- infrastructure sharing (i.e. radio towers)
- foreign ownership or investment facilitated services

■ **Neutral/reliable information**

- about trends, access, coverage

■ **Trained resources**

- particularly in developing/emerging markets

■ **Better understanding**

- dialogue between governments and business so that concerns reflected in decisions

■ **Public & private partnerships**

- encouragement to implement projects



ITU Responding to Needs

■ **Facilitating Enabling Environment**

- Working with members on policy and regulatory harmonization and guidelines, sharing best practices, developing & updating tools
 - Aim to lower access costs, fuel private sector investment
 - Emerging issues: migration to NGN and VOIP

■ **Building Capacity**

- Centres of Excellence, Internet Training Centres, scholarships, internships, thematic seminars and workshops

■ **Analyzing ICT / Telecom trends and collecting statistics**

- Key ICT market trends, connectivity/access/usage indicators, etc.

■ **Providing platform for industry-government dialogue**

- Neutral space for debate, professional exchange programmes

■ **Projects, activities and direct assistance**

- Acting agency for projects, partner match-making, unbiased expert advice



Partnerships for Development

- ITU-D is a catalyst for multi-stakeholder partnerships
- Mobilize human, technical and financial resources
- Neutral broker between government and industry
- Serve as executing agency for project implementation and provide expert assistance to countries



Call for Partners!

- Enjoy branding and visibility opportunities through successful high-profile partnerships
- Support your Corporate Social Responsibility and long term market development objectives
- Leverage your expertise and services to help implement ICT projects in developing countries
- Work with governments and other industry players towards shared goals for development



Committed to connecting the world

Conclusions

- ITU is an experienced and ready partner
- Our membership is global and diversified
- Sector Members have invaluable opportunities to share experiences, and learn of new business and partnership opportunities
- ITU Sector Member & Associates fees are modest and very competitive

JOIN and PARTNER with ITU NOW!



Committed to connecting the world

Thank you for your attention!



Committed to connecting the world