ITU-D Overview

International Telecommunication Union
Committed to connecting the world

ITU in brief

- Leading United Nations Agency for ICTs.

- 191 Member States, 580 Sector Members

- Three sectors:
  - ➤ **Radiocommunication**
  - ➤ **Standardization**
  - ➤ **Development**

- ITU TELECOM Events

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ITU's Global Presence

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

ITU-D: Your Partner for ICT Development

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

Development Activities

- Enabling Environment
- Infrastructure/Access
- Capacity Building
- Cybersecurity and E-Applications
- Emergency Telecommunications
- Regional Initiatives
- Special Initiatives
- Statistics and Market Information

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Enabling Environment

Objective:

- Establish enabling environment for ICT investment through attractive policy/regulatory frameworks

Actions:

- Support regional harmonization efforts
- Guidelines, tool kits, best practices, information sharing
- Global Symposium for Regulators (GSR) and Global Industry Leaders Forum (GILF)
  - ➢ Bring together senior policy-makers, regulators & industry

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Infrastructure/Access

Objective:

- Expand access to ICTs in underserved communities

Actions:

- Assist developing countries plan, build, operate, upgrade, manage ICT networks and services
  - ➢ Regional and rural connectivity projects
  - ➢ **Assistance for transition to NGN, Digital Broadcasting, spectrum management**
- Community ICT access: telecentres

Capacity Building

Objective:

- Help developing countries and LDCs build an ICT trained workforce

Actions:

- Internet Training Centres for computer/network training
- Centres of Excellence and e-learning to train managers for NGN transition, spectrum management, broadcasting, cybersecurity, regulatory reform etc.=

Cybersecurity

Objective:

- Build confidence and security in the use of ICT

Actions:

- Assistance to countries: Model legislation, Spam, Critical Information Infrastructure Protection, Regional cooperation

- Stimulating collaboration: Forum for International Cooperation

- Public resources: Cybersecurity Gateway

E-Applications and Services

Objective:

- Promote and implement e-applications and services in developing countries

Actions:

- Provide technical expertise to countries for projects in e-health, e-education, e-government etc.

Emergency Telecommunications
Saving lives

Objective:

- Support disaster prevention, mitigation and relief using ICTs

Actions:

- Infrastructure development, policy/regulatory reform, ICT deployment for response, network reconstruction & rehabilitation

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Special Initiatives

Objective:

- Ensure that all groups benefit from ICTs

Actions:

- Efforts to assist targeted groups: women, youth, indigenous and persons with disabilities
- Examples:
  - ICT scholarships for youth from developing countries/LDCs
  - Workshops, tool kits for policy-makers, awareness raising

Statistics and Market Information

New ITU Global View Map

- Reliable stats, trends, market situation
- Track WSIS progress
- Showcased in ICT Eye portal

Regional Initiatives

Objective:

- Meet specific needs identified by member states in each region (approved at WTDC)

Actions:

- Undertake small and large scale projects
- Led by regional offices, supported by Geneva HQ

Connect the World

- Summits to mobilize resources in each region:

  - ➤ Leaders from industry, dev banks, governments, int/regional organizations

  - ➤ Projects to realize common goals

- Connect Africa was 1st Summit: $55 Billion in commitments for ICT development by 2012

- Connect CIS 2009, Americas 2010, Arab States 2011, Asia-Pacific 2012

Wireless Broadband Initiative

Objective: Expand broadband access in underserved areas

Outcomes

- Develop and deploy wireless networks
- Guarantee capacity for schools, hospitals
- Train local experts and build human capacity
- Develop ICT Applications: e-health, e-education, e-government

Connecting Children:
Empowering the Next Generation

- Leverage Wireless Broadband Partnership – capacity for public use
- Campaign to secure funding/partners to provide low cost laptops for school children
- Partnership with One Laptop Per Child, Intel + others active in the field
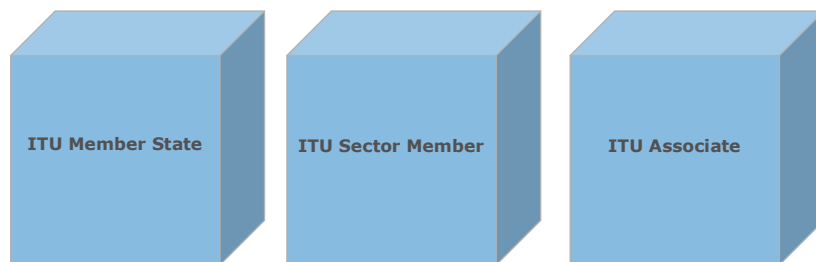

ITU Sector Membership

What benefits? What costs? How to join?

General Benefits of ITU Membership

- ITU's unique capacity to bring together representatives from competing companies and governments of all ideological persuasions
- Sharing a wealth of experience and creative ideas
- Establish partnerships between private and public sectors
- Access to ITU's vast range of publications, as well as restricted documentation/information and statistics

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Membership Categories

ITU Member State

ITU Sector Member

ITU Associate
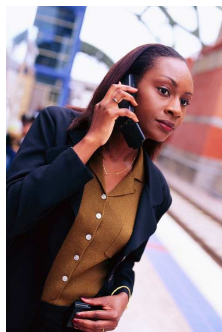
ITU Sector Member

- An ITU Sector Member fully participates in the work of corresponding ITU Sector Study Groups, or Working Groups thereof, in the Sector's Regional and World Telecommunication Conferences, Advisory Group and other relevant workshops, seminars and meetings.

- An interested entity or organization may join ITU as a **Sector Member**. There are 3 Sectors:
  - Development (ITU-D)
  - Radiocommunication (ITU-R)
  - Standardization (ITU-T)

Benefits of being an ITU Sector Member

1. Influence the evolution of global telecommunication networks

   - Do you have a message to convey?
   - Do you need to influence the direction of global/regional development or standardization projects?
   - Do you have existing projects and/or products that could benefit from globalization?

Benefits of being an ITU Sector Member

2. Increase awareness of your business priorities amongst operators, service providers, suppliers, regulators and governments

   ➢ Membership of ITU Sectors is a means to actively take part in the Sector's work pertinent to your business and thus make sure your company's goals and policies are taken into account on the development of projects and on the definition of standards within your business sphere.

   ➢ Your contact details and the name of your Chief Executive Officer (CEO) will be published in the ITU Global Directory.

Benefits of being an ITU Sector Member

3. Networking/Making contacts

   ITU Sectors provide a platform for meeting experts from all over the world, learning of their entities' plans and objectives and for sharing experience and information.

Benefits of being an ITU Sector Member

4. ITU Sector Members can
    ➢ Fully participate in the Sector's Advisory Group to the ITU Elected Official
    ➢ Participate in all Study Group meetings and electronic discussion groups
    ➢ Present their views by submitting written contributions
    ➢ Participate in the approval of technical or development projects and recommendations

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ITU Sector Member Fees

▪ ITU Sector Members may choose their annual contribution in a range from 1/16 to 40 units. The effective amount of the contributory unit is 63'600 Swiss francs. This fixes the <u>minimum</u> contribution for an ITU Sector Member as follows:
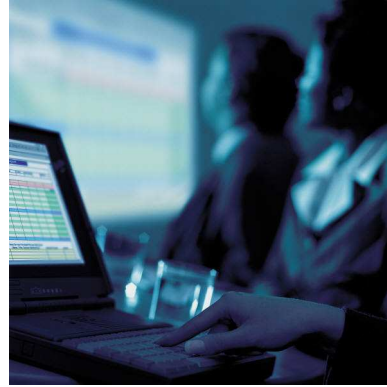
➢ ITU-D: CHF 7,950 (1/8 unit)
       CHF 3,975 (1/16 unit for developing countries only)
➢ ITU-R: CHF 31,800 (1/2 unit)
➢ ITU-T: CHF 31,800 (1/2 unit)

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.

ITU-D Study Group 1
Telecommunication development strategies and policies
Questions under study:

- Regulatory impact of next-generation networks on interconnection
- Regulatory policies on universal access to broadband services
- Regulation for licensing and authorization of converging services
- Tariff policies, tariff models and methods of determining the costs of services on national telecommunication networks, including next-generation networks
- Domestic enforcement of telecommunication laws, rules and regulations by national telecommunications regulatory authorities
- Implementation of IP telephony in developing countries
- Access to telecommunication services for people with disabilities
- Impact of telecommunication development on the creation of employment
- Securing information and communication networks: Best practices for developing a culture of cybersecurity

ITU-D Study Group 2

**Development and management of telecommunication services and networks
Questions under study:**

- Identification of study topics in the ITU-T and ITU-R study groups that are of particular interest to developing countries

- Telecommunications for rural and remote areas

- **Examination of terrestrial digital sound and television broadcasting technologies and systems, including cost-benefit analyses, interoperability of digital terrestrial systems with existing analogue networks and methods of migration from analogue terrestrial techniques to digital techniques (Q11)**

- Telecommunications for e-health

- Progress on activities for e-services/applications in the world

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ITU-D Study Group 2 *(cont' d)*

- Implementation aspects of IMT-2000 and information-sharing on systems beyond IMT-2000 for developing countries

- Strategy for migration from existing networks to next-generation networks for developing countries

- Examination of access technologies for broadband telecommunications

- Utilization of ICT for disaster management and active and passive space-based sensing systems as they apply to disaster prediction, detection and mitigation

- The unique telecommunication/ICT needs of small island developing states (SIDS)

- **Resolution 9 (Rev. Doha, 2006):** Participation of countries, particularly developing countries, in spectrum management

ITU Associate Fees

- The annual contribution for an ITU Associate is:

  - ITU-D: CHF 3,975.00
    CHF 1,987.75 (for developing countries only)
  - ITU-R: CHF 10,600.00
  - ITU-T: CHF 10,600.00

Conclusion

- ITU membership is global and diversified
- Sector Members play a key role in ITU dynamics
- Regional participation is an ITU priority
- Invaluable opportunities exist to share experiences, creative ideas,
  knowledge of business opportunities and to seek partnerships
- ITU Sector membership fees are competitive

Join us! Become a new ITU-D Sector Member!

Thank You!