
Overview of ITU Internet related activities

Commonwealth Internet Group
22, 23 September 2008
London, UK



Committed to connecting the world

ITU and Internet

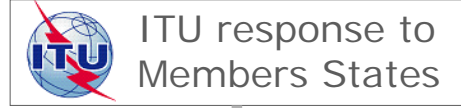
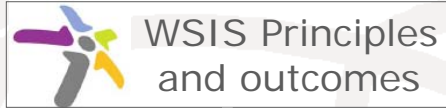
- ITU has been addressing Internet related matters for many years, specifically on
 - **International public policy issues**
 - **Standardization**
 - **Technical assistance to Members States**
 - **Capacity building**
- Several ITU Resolutions call upon playing an active role:
 - **Res 101** – IP Networks, cooperation with IETF
 - **Res 102** – contribute to International public policy issues pertaining to Internet and management on Internet resources
 - **Res 130** – Building confidence and security in the usage of ICTs
 - **Res 133** - Internationalized Domain Names (IDNs), cooperation with WIPO and UNESCO

WSIS and Internet

- WSIS reaffirmed that the international management of the Internet *should be multilateral, transparent and democratic, with the full involvement of governments, private sector, civil society and International Organizations*



ITU approach



- play a key role in facilitating the coordination of internet-related public policy issues
- play a key role in the development of internet related technical standards and relevant policies
- provide the necessary assistance to Members States
- making use of the ITU as platform to foster international cooperation and promote multi-stakeholder approach amongst all key players in the Internet arena



- Multilingualism and IDN
- IPv6 and IP-enabled Next Generation Networks
- Confidence and Security in use of ICTs
- Internet Accessibility for people with disabilities
- Internet and climate change
- International Internet Connectivity
- Internet Exchange points

Multilingualism and IDNs

- **UNESCO and ITU Joint Activities on multilingualism** - the two organizations are working together on Multilingualism and IDNs including developing a set of universal standards aimed at facilitating the creation of multilingual Information Society. This effort includes the development of an internationalized country code Top Level Domain (ccTLD) reference table, which will foster and further facilitate the implementation of projects on Internationalized Domain Names.
- **The ICANN Governmental Advisory Committee (GAC)** welcomed presentations by UNESCO and ITU representatives regarding proposed collaboration between their organizations and ICANN to advance multilingualism and its contribution to promoting inclusion, the development of local content and increased global access to the Internet.
- **ISO, WIPO, UNESCWA** joined the discussion and coordination is taking place to properly contribute, also to the initiatives already undertaken (Fast Track)

IPv6 and IP-enabled NGN

- **Technical work** - Most of the ITU-T study groups developed Recommendations based on IP regarding performance (QoS), IP-based networks (IP CableCom, satellites, NGN), Multimedia (H.323 system), Numbering (ENUM). Studies are currently conducted on several IPv6 related issues:
 - economic aspects of migration from IPv4 to IPv6;
 - evolution of the H.323 system (widely used for VoIP) for compatibility with IPv4 and IPv6
 - impact of IPv6 on NGN (since 2005)
- **Assistance to Member States** – several actions are being taking place to properly assist Members States on the migration to IPv6. Workshops and seminars have been organized in the past (2005, 2006). A workshop on IPv6 took place 4, 5 September (Geneva), and another on IP communications in November (Tunisia)
- **International cooperation** - Cooperation agreements with over 70 standards bodies; long-standing collaboration with the IETF; liaison relationship with the IPv6 Forum, currently on the ICANN board (as member of Technical Liaison Group)

ITU and Accessibility

- ITU focuses on a series of **strategic issues** ranging from the rights of the disabled, to making technical design standards accessible, to providing education and training on accessible ICT
- The **World Telecommunication and Information Society Day** (WTISD) 2008 took place in Cairo this year, gave particular attention to “Connecting Persons with Disabilities”.
- ITU enhances accessibility collaboration – The **Dynamic Coalition on Accessibility and Disability** (DCAD), established in the Internet Governance Forum (IGF) framework, facilitates interaction between relevant bodies ensuring that ICT accessibility is included in the key debates around Internet Governance

Dynamic Coalition on Accessibility and Disability

Aim

Result of an ITU initiative within the *Internet Governance Forum* (IGF), the **Dynamic Coalition on Accessibility and Disability** will facilitate interaction between relevant bodies and ensure that ICT accessibility is included in the key debates around Internet Governance in order to build a future where all sectors of the global community have equal access to the Information Society.

Current Members

Partners: Organizations and Institutions

- [ITU](#) – International Telecommunication Union
- [ACMA](#) – Australian Communications and Media Authority
- [Council of Europe](#)
- [DAISY Consortium](#) – Digital Accessible Information System Consortium
- [G3ict](#) – The Global Initiative for Inclusive ICTs
- [ICDRI](#) – International Center for Disability Resources on the Internet
- [ISOC-AR](#) – Argentina Chapter of Internet Society
- [NCC](#) – Nigerian Communications Commission
- [People Who](#)
- [UNESCO](#) – United Nations Educational, Scientific and Cultural Organization
- [W3C](#) - World Wide Web Consortium

Individuals

- Andrea Saks (Coordinator ITU-T JCA on accessibility)
- Clara-Luz Alvarez (Rapporteur [Q20](#), [ITU-D Study Group 1](#))
- Frank Mulcahy (Information Officer for [Disabled People's International, Europe](#))

DCAD Work in progress

- 3rd IGF Meeting
Hyderabad, India, 3-6 December 2008
- The DCAD to organize a workshop: *“Including Accessibility and Human Factors in the Universalization of the Internet - How to reach persons with disabilities, the 10% of the next billion”*
 - will highlight the necessity to make the Internet accessible to all, regardless of individual capabilities of different users.
 - Will respond to the requirements expressed in line with the WSIS Tunis Agenda related to reducing illiteracy and providing access and accessible content for marginalized and vulnerable groups of society, including older persons and persons with disabilities

ITU and Climate Change

- Limiting direct contribution of Telecommunications/ICTs to **greenhouse gas emissions** GHG emissions and encouraging application of ICTs to reducing global GHG emissions.
- **disaster preparedness** - use of telecommunications for environmental monitoring, mitigation of effects of disasters and humanitarian assistance
- Promoting a **global understanding** through international fora and agreements – two important events in 2008 (Kyoto, Japan, 15-16 April, co-organized by MIC Japan, London, UK, 17-18 June, supported and hosted by BT)
- The dynamic coalition on **Internet and Climate Change** (I&CC) established in the Internet Governance Forum (IGF) framework, to moderating the environmental impact of the Internet and to seeking new ways to embrace the power of the Internet for reducing greenhouse gas emissions worldwide.

Dynamic Coalition on Internet and Climate Change

Aim

- The dynamic coalition on Internet and Climate Change (I&CC) is an open organization committed to moderating the environmental impact of the Internet and to seeking new ways to embrace the power of the Internet for reducing greenhouse gas emissions worldwide and to enable transformation in line with the objectives set and to be set under the UNFCCC
- An event is being planned at IGF in December

Current Members

- [ITU](#) - International Telecommunication Union
- [MIC](#) - Ministry of Internal Affairs and Communications (Japan)
- [BT](#) – British Telecom
- [GeSi](#) - Global e-Sustainability Initiative
- [DTAG](#) - Deutsche Telekom

ITU-T activities on Climate Change

- Climate Change Symposia:
 - Kyoto (April 2008)
 - London (June 2008)
- Request to all SGs to review standards for energy efficiency
- Creation of a Focus Group:
 - First meeting 1-3 September 2008
 - Will report in April 2009

ITU involvement in Internet Governance Forum (IGF)

- Active involvement in the IGF process on key issues, including Multilingualism, IPv6, Security, ICT accessibility, Internet and climate change
- Present in all IGF meetings up to now **promoting multi-stakeholder participation** and cooperation.
 - Contribution and inputs documents submitted to Athens 2006
 - Events organized in Rio 2007 (one with ICANN on Standards and Multilingualism)
 - Preparatory activities for Hyderabad 2008 include workshops organization, providing expertise in the main sessions, supporting IGF Secretariat
- Members of the IGF Multi-stakeholder Advisory Group (MAG), **providing expertise** and support to the organization of the IGF meetings
- **Assisting Developing countries**, strengthening participation through fellowships programme, in partnerships with Members States

More information

- ITU Website
<http://www.itu.int/>
- Internet Policy, Governance and Activities
<http://www.itu.int/intgov>
- Accessibility: Achieving equitable communication for everyone
<http://www.itu.int/themes/accessibility/>
- Climate Change and ITU: Promoting the use of ICTs to combat climate change
<http://www.itu.int/themes/climate/>
- Cybersecurity, Spam and Cybercrime: Confidence and security in the use of ICTs <http://www.itu.int/cybersecurity>

**Thank you for your
attention!**

International Telecommunication Union



Committed to connecting the world