

ITU:
Committed to connecting the world
ITU-T:
Empowering global ICT development

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ITU-T

- ITU-T Recommendations are basis for many information and communication technologies (ICTs)
- voice, data and video communications cannot take place without ITU standards linking the sender and the receiver.
- Today's ITU-T work extends well beyond the traditional areas of telecommunications to encompass a far wider range of ICTs



Main activities

- Climate Change
- Accessibility for disabled people
- Emergency Telecoms
- Cybersecurity
- Bridging the standardization gap

Highlights of current activities

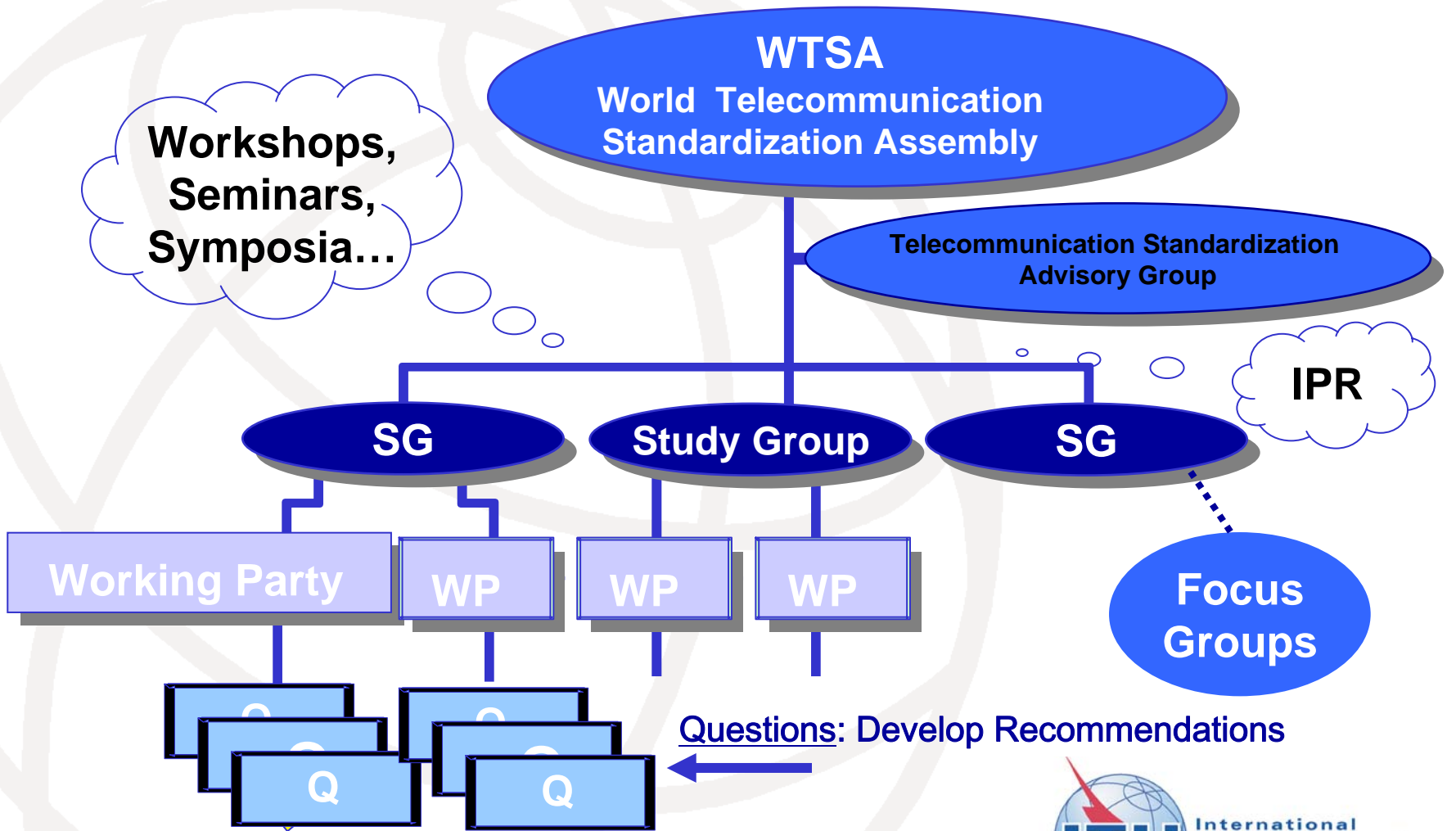
- Broadband access, IP transport, fibre optics
- NGN and IPTV
- Review of International Telecommunication Regulations (ITRs)
- Kaleidoscope events
- Technology Watch
- Video coding and next generation multimedia conferencing
- Fully Networked Car
- ICANN Board membership
- Free ITU-T Recommendations

Snapshot of ITU-T Membership

- 300 Sector Members
- 125 Associates
- 191 Member States

REGION	Contributory Units (sector members and associates)
Africa	4.16
Asia Pacific	41.04
Arab States	17.16
Europe and CIS	54.34
Americas	58.66

ITU-T Structure



Technology Watch

- **Technology Watch** surveys the ICT environment for new study topics
- **Technology Watch Briefing Reports** available on website:
 - Remote collaboration tools
 - Ubiquitous Sensor Networks
 - ICTs and Climate Change
 - Telepresence: High-performance video-conferencing
 - Intelligent Transport Systems
 - Lawful interception (LI)
 - NGNs and energy efficiency
- **Under study** speech technology; networked robotics

'Kaleidoscope'

- First event: Innovations in NGN 12-13 May
- Part of initiative to increase dialogue between academia/ITU-T on standardisation issues
- Aim to identify new topics for standardization
- Follows January 2007 consultation meeting
- First in a series of '**Kaleidoscope**' events
- Prize fund for best papers
- Proceedings published in IEEE Explore
- Next event in Argentina September 2009



Strategic direction

- Promote global public/private partnership as key strength
- Continuously adapt to market needs
- Strive for stronger participation from developing countries
- Increase engagement with academia, research bodies
- “ITU inside” concept: Mark to show conformance to ITU-T Recommendations and interoperability
- Consensus driven
- Very flexible
- Fast, transparent procedures
 - start work: 1 day to few weeks;
 - develop work: few weeks to 2-3 yrs;
 - approve work: average 2 months
- Promote Common IPR Policy with ISO and IEC



Challenges

- To continue to reflect needs of the market
- Maintain pre-eminence
- Increase participation of developing countries
- Target reduction of energy consumption of ITU-T standards
- ITU Mark

Upcoming workshops

- **ITU Regional Development Forum 2008: Bridging the ICT standardization gap in developing countries for the Arab Region:** Damascus, 20-22 July
- **Speech and audio coding:** 25-29 August
- **IPv6:** Geneva, 4-5 September
- **From Speech to audio: bandwidth extension, binaural perception:** Lannion, 10-12 September
- **ITU Regional Development Forum 2008: Bridging the ICT standardization gap in developing countries for the Asia-Pacific Region:** Hanoi, 15-17 September
- **Advancing public-private partnerships for e-business standards:** Geneva, 18-19 September (TBC)
- **WSC - Standardization Community Management Course:** Geneva 22-26 September
- **ITU-T Standardization:** Riyadh, November



World Telecommunication Standardization Assembly October 2008

- WTSA sets direction and structure for ITU-T
- Meets every four years
- Defines the general policy for the Sector
- Establishes the study group structure
- Approves the work programme
- Appoints their chairmen and vice-chairmen
- For first time will include exhibition at start



First Global Standards Symposium

- To be held day before next ITU World Telecommunication Standardization Assembly (WTSA), 20 October 2008, Johannesburg
- Aims to bring together all standards making bodies
- Themes:
 - Reducing the standardization gap
 - Proliferation of forums
 - Improving collaboration
 - Climate change
 - Accessibility



Why participate in ITU-T?

- Only UN agency dealing with ICT standards
- Outreach to 191 countries
- High credibility in emerging markets especially Africa, China and more recently India
- Ensure regional requirements are satisfied
- Excellent meeting facilities, convenient location
- Open, transparent and flexible
- Fast working – moves at the speed of industry





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