ITU Regional Development Forum 2008
"Bridging the Standardization Gap in Developing Countries"
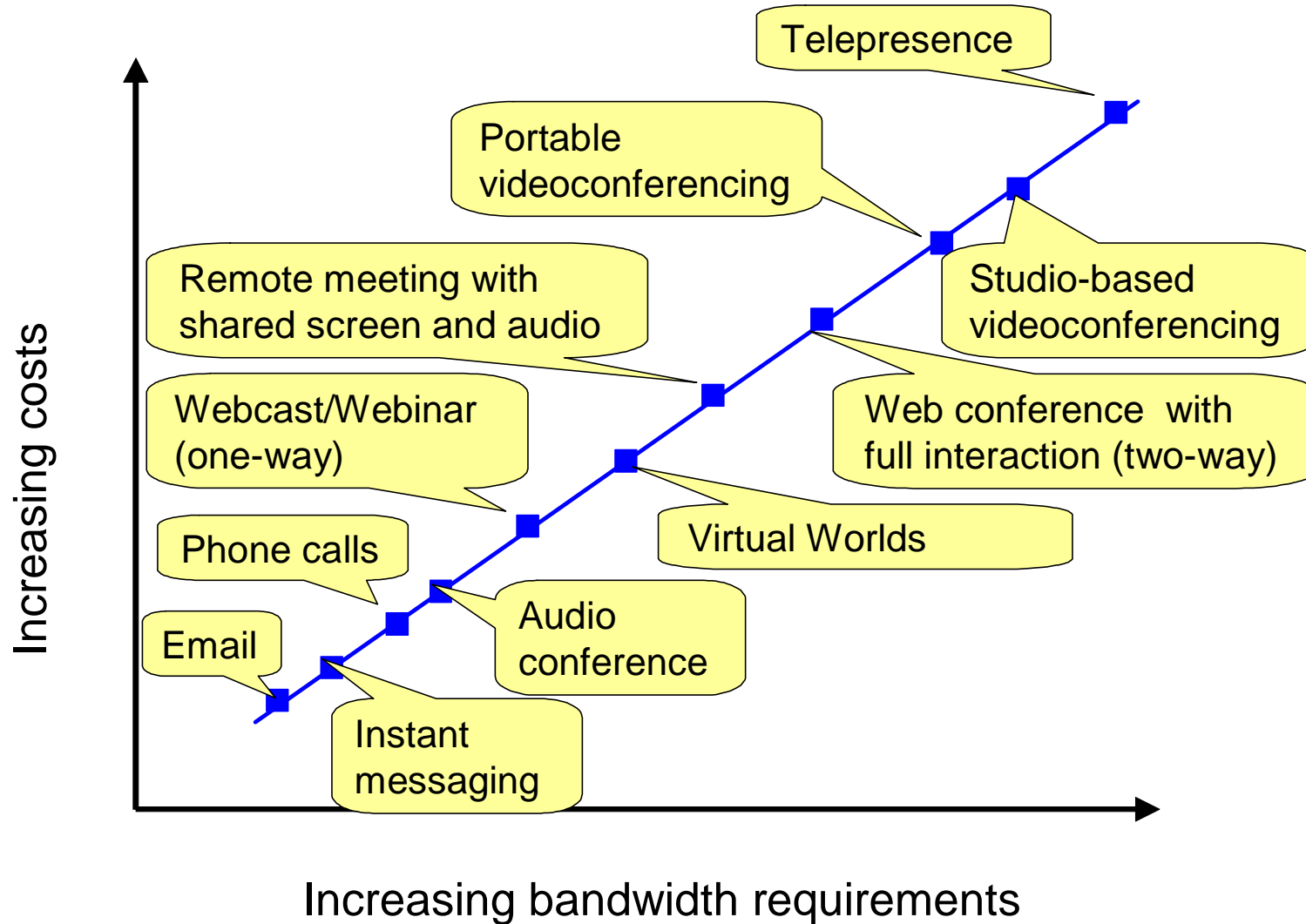### Accra, Ghana, 26-28 May 2008

Facilitating remote participation in ITU activities

Dr Tim Kelly,

Head, Standardization Policy Division, ITU-T

Why remote participation?

- To assist in bridging the standardization gap, especially for delegates from developing countries

- To provide training materials (archived on web)

- To make participation in short meetings more efficient (e.g. steering committees, seminars, rapporteur groups)

- To reduce carbon footprint

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Segmenting the market

Increasing costs

Telepresence

Portable videoconferencing

Studio-based videoconferencing

Remote meeting with shared screen and audio

Web conference with full interaction (two-way)

Webcast/Webinar (one-way)

Virtual Worlds

Phone calls

Audio conference

Email

Instant messaging

Increasing bandwidth requirements

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Remote collaboration tools (1)
Online tools

- Free access to ITU-T Recommendations online (since 1 January 2007)

- TIES access (password protected) to meeting documents etc

- Other EDH tools, e.g., correspondence groups, informal FTP areas on website, Forums, ITU wiki (www.ITUwiki.com) etc

Remote collaboration tools (2)
Audio/video tools

- Internet Broadcasting System (IBS)
  - In use since 2000 (mainly audio, with some video)
  - Large archive available (www.itu.int/ibs/)
- E-learning
  - Public digital library
  - Training opportunities online (both instructor-led and self-paced)
  - See: www.itu.int/ITU-D/hrd/elearning/

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http://www.itu.int/ITU-D/hrd/elearning/

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Training Catalogue

Public Digital Library

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ITU e-Learning Centre

Knowledge is a competitive advantage

The ITU e-Learning Centre was established in 2002 to provide opportunities for continuous learning and skills development. Many Online Courses and eCommunities are organized each year covering various topics on telecommunications and human resources development. Participation in our instructor-led online courses is by invitation only.

Returning User?

If you have previously participated in an Online Course or eCommunity offered through the ITU e-Learning Centre, either as a student, tutor or teaching assistant, you may sign in here

Public Digital Library

The Public Digital Library can be accessed by using the following login:

- User name: hrd
- Password: welcome

▪ e-Services	▪ Technology Awareness
▪ Human Resources	▪ Telecom Regulation
▪ IP Awareness	▪ Spectrum Management
▪ Learning About Numbers	

Online Registration

E-Learning opportunities are offered in English, French or Spanish, depending on the region and target audience. Kindly register below based on the instructions in your invitation letter:

- ▪ Courses in English
- ▪ Courses in French
- ▪ Courses in Spanish

Registrations open - courses in English

- ▪ Porting Process Guidelines and Regulations for MNP - Second Edition

register

- •Provide, in an interactive way, the fundamentals of formulating porting process guidelines and regulations for effective and efficient implementation and operational support of MNP;
- • Present a contemporary perspective on key issues for porting process and regulatory issues;
- • Highlight the issues in formulating porting process guidelines and regulations for the facilitation of the subscribers.
- • Define the porting process and regulatory framework approac
- • Increase awareness through e-learning and facilitate enhancement of involved resources

Deadline for registration: Friday, May 16, 2008 (only 3 days left for registration)

Remote collaboration tools (3)
Remote participation

- ITU-T trial, launched by TSAG in Dec-07, to evaluate remote participation tools
  - *GoToMeeting*: used extensively within ITU for short (>2 hours) meetings, with up to 25 participants
  - *GoToWebinar*: used for covering Climate Change symposium in Kyoto, with up to 200 participants over 2 days (archived)

    clip.wmv

  - *WebEx*: one year trial offered by CISCO

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GoToMeeting in action

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Types of remote collaboration

	Same time *synchronous*	Different time *asynchronous*
Same place *co-located*	**Face-to-face meetings** meeting rooms, projection systems, tabletop computer, flip charts etc	**Ongoing collaboration** project management tools, e-calendars, wall charts, shift-work groupware etc
Different place *remote*	**Remote meetings** remote collaboration tools, video/audio conferencing, IM/chat, telepresence, webcasts, virtual worlds etc	**Time-shift remote collaboration** websites, forums, email, e-calendars, sharepoints, wikis, version control etc

Scope for remote participation in ITU-T meetings (1)
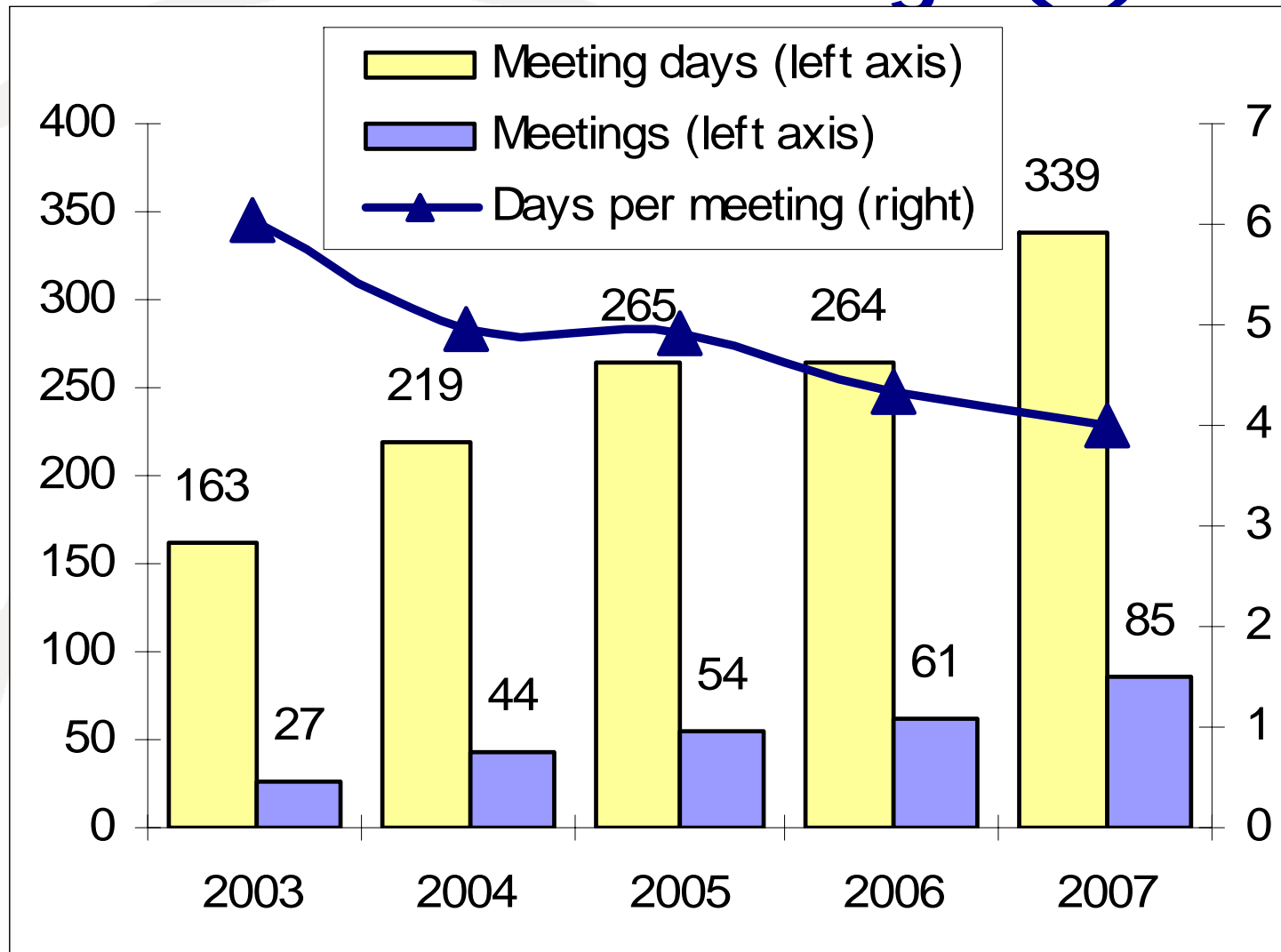
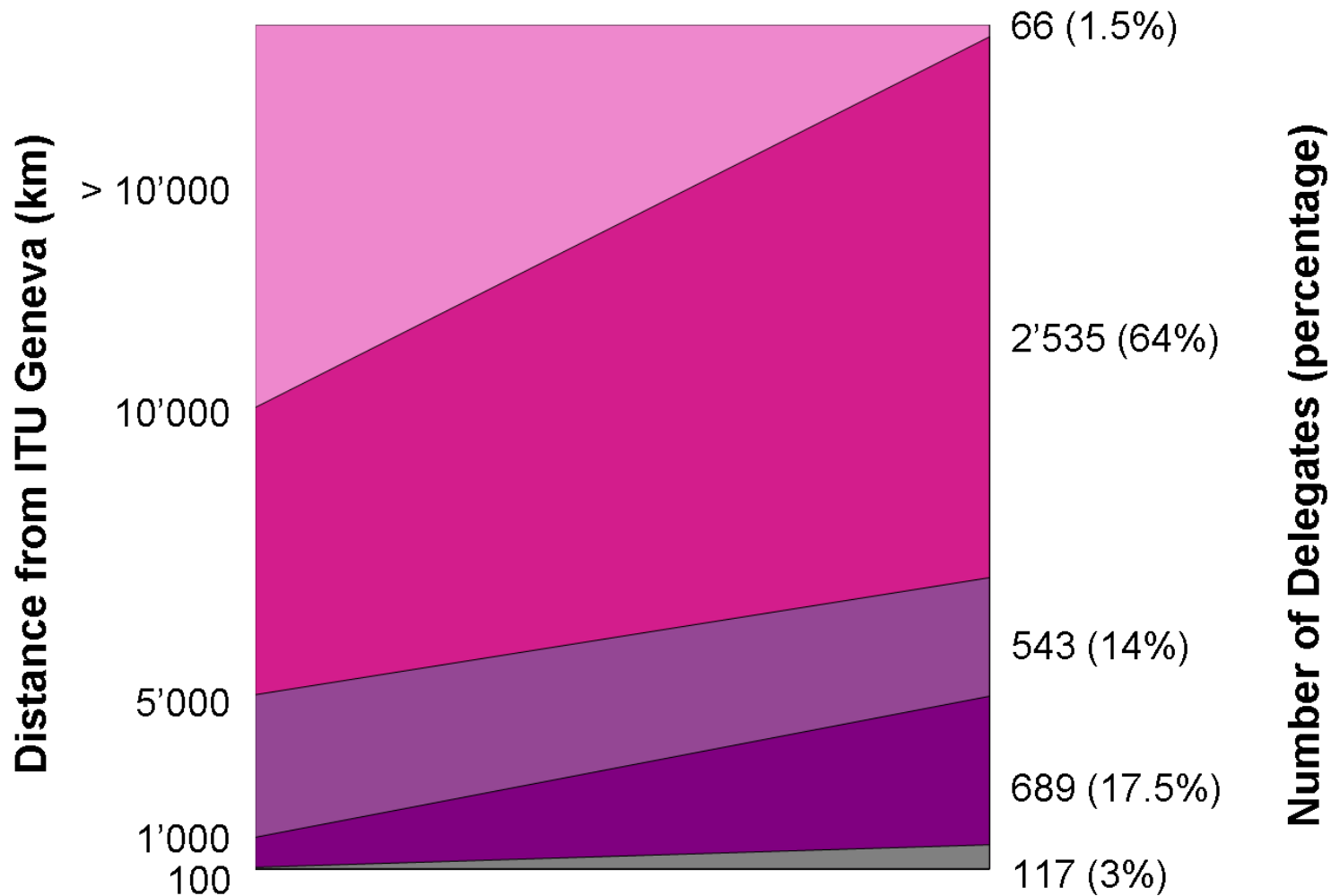# Scope for remote participation in ITU-T meetings (2)

66 (1.5%)

2'535 (64%)

543 (14%)

689 (17.5%)

117 (3%)

Distance from ITU Geneva (km) — > 10'000, 10'000, 5'000, 1'000, 100

Number of Delegates (percentage)

A few chilling statistics in a world that is heating up ...

- Replacing 20% of business travel in the EU could save some 22.3 million tonnes of CO_2 per year

- A single participant (from Buenos Aires) would account for 2.5 tonnes of CO_2 in a single trip to Geneva

- More than two-thirds of ITU delegates had round-trips of more than 10'000 km in 2007

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Possible future scenarios

- Increasing share of ITU meetings held outside Geneva or in cyberspace
  - Workshops and symposia, Webinars
  - Regional block meetings
- Distributed participation in ITU meetings
  - Broadcast (two-way audio/video) to regional offices of Centres of Excellence, allowing for local interaction and participation
- Increased use of remote collaboration tools
  - Full-scale use of existing tools after trial period?
  - ITU-T workshops in Second Life?

Remote collaboration tools

■ For more information, see ITU Technology Watch Briefing Report #5, available at: http://www.itu.int/oth/T2301000005/en