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Cancilleria Building  
Room José María Morelos y Pavón  
Ministry of Foreign Affairs  
Plaza Juarez 20  
**Mexico City, México**

# AGENDA

# WTIS-13 agenda

## Wednesday, 4 December 2013

08:00 – 09:00 **Delegates registration**

09:00 – 10:00 **Opening ceremony**

The 11th WTIS will be opened by high-level representatives from the Government of Mexico and ITU:

- Dr Hamadoun Touré, Secretary-General, ITU
- Mr José Ignacio Peralta, Undersecretary of Communications, Mexico
- Mr Gabriel Contreras Saldivar, President, Federal Institute of Telecommunications (IFT), Mexico
- Dr Eduardo Sojo Garza Aldape, President, National Institute of Statistics and Geography (INEGI), Mexico

**Keynote:** Sam Pitroda, Advisor to the Prime Minister of India, C-SAM

**Chair of the WTIS:** Luis Lucatero, Chief of Regulatory Policy, Federal Institute of Telecommunications (IFT), Mexico

10:00 - 10:30 **Coffee break**

10:30 - 12:30 **High-level panel on ICTs, MDGs, and the post 2015 development agenda**

International development goals are necessary to direct global attention to pressing development challenges, stimulate development efforts, identify targeted interventions, as well as set measurable targets and monitor progress. Various processes are on-going regarding the post 2015 development agenda and the discussion on new development frameworks. The report of the High-Level Panel of Eminent Persons on the Post 2015 Development Agenda has called, among others, for a data revolution taking advantage of new technology and improved connectivity. The main objective of this panel is to explore some of the lessons learnt from the MDG process, which need to be taken into account in the post 2015 development debate, including the role of ICTs, in particular with respect to identifying measurable targets and concrete indicators that can be used to monitor progress.

Questions to be addressed:

- What are some of the key emerging issues that need to be considered in the post 2015 development agenda? What role do ICTs play in the post MDG period in support of the RIO+20 framework, including issues related to environmental sustainability, peace and security?
- What are some of the lessons learnt from the MDG period which need to be considered in the debate on the post 2015 development agenda?
- How can the monitoring of goals, and official statistics, contribute to their effective implementation?
- How do ICTs contribute to international development goals and targets

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such as those set by the Millennium Development Summit and sustainable development goals?

- What are emerging data issues in the post 2015 development agenda? What kind of data revolution is required to support the monitoring of goals and enhance policy making?

**Moderator:** Sam Pitroda, Advisor to the Prime Minister of India, C-SAM

**Keynote:** Jeffrey Sachs, Director, The Earth Institute, Columbia University

**Panelists:**

- Alejandra Lagunes, Coordinator of National Digital Strategy, President's Office, Mexico
- Robert Kirkpatrick, Director, UN Global Pulse
- Nagwa El-Shenawy, Undersecretary for Information and Strategic Planning, Ministry of Communications and Information Technology, Egypt
- Alejandro Plater, Vice President, Global Customer Unit for the Region Latin America and Caribbean (RLAM), Ericsson
- Dr Hamadoun Touré, Secretary-General, ITU

12:30 – 14:00 **Lunch Break**

14:00 – 15:30 **High-level panel on innovative ICT strategies for the information society, and the role of monitoring**

ICTs have been recognized as an important development enabler and Target 8F of the MDGs makes specific reference to ICTs. A set of specific international ICT targets to be achieved by 2015 were identified by the World Summit on the Information Society (WSIS) in 2003 and by the UN Broadband Commission for Digital Development in 2010. The main objective of this panel is to debate the role of ICT for development, review ICT-related development goals and targets, and point to key lessons learnt. It will also highlight emerging trends in ICT developments, discuss possible future goals and targets and the important role of data and indicators. As the main forum for global ICT statistics, the WTIS plays a central role in providing input to the ongoing ICT for development debate and in highlighting the key role of monitoring, target setting and tracking.

Questions to be addressed:

- What progress has been made and which lessons have been learnt in efforts to attain the targets set by the World Summit on the Information Society and the Broadband Commission for Digital Development?
- What innovative policies have helped to stimulate growth and investment in the ICT sector?
- Which are emerging ICT4D issues that should be targeted in future international debates?
- Which ICT data will be required to monitor such goals and targets?

**Moderator:** Brahim Sanou, Director, Telecommunication Development Bureau, ITU

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## Panelists:

- H.E. Mr Makame Mnyaa Mbarawa, Minister of Communications, Science and Technology, Tanzania
- Carlos Raúl Gutiérrez, Vice Chair, REGULATEL
- Vijayalakshmy Gupta, Board Member, Telecom Regulatory Authority of India (TRAI)
- Mónica Aspe Bernal, Coordinator for the Information Society, Ministry of Communications and Transport, Mexico

**15:00 – 15:30**    **Keynote:** Carlos Slim Helú, President, Carlos Slim Foundation

**15:30 – 16:00**    **Coffee break and group picture**

**16:00 – 17:30**    **High-level panel on national coordination and enhancing dialogue between data producers and data users**

For countries to produce harmonized, comparable and meaningful statistics, national coordination between the different ICT statistics users and producers, including the ICT Ministry, the regulatory authority and the national statistical office, is of great importance. The main objective of this session is to raise awareness about national coordination in the area of statistics, to allow countries to share experiences and benefit from each other's experience, and to provide an international forum for debate. The session will present different ways of establishing national coordination mechanisms to ensure the efficient and timely production of ICT statistics.

Questions to be addressed:

- How can the dialogue between data users and producers be effectively implemented at the national level? What are some of the obstacles that need to be addressed?
- How can ICT statistical production be effectively integrated into national statistical strategies?
- What are some best practice examples (from the ground) of national coordination on statistics in general, and on ICT statistics in particular?

**Moderator:** Adriana Labardini, Commissioner, Federal Institute of Telecommunications (IFT), Mexico

## Panelists:

- Marjo Bruun, Director General, Statistics Finland
- Eduardo Sojo Garza Aldape, President, National Institute of Statistics and Geography (INEGI), Mexico
- Jose Ramon Albert, Secretary General, National Statistical Coordination Board, Philippines

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**Thursday, 5 December 2013**

**09:00 – 10:30    Report of the work of the Expert Group on Telecommunication/ICT Indicators**

The Expert Group on Telecommunication/ICT Indicators (EGTI) has the mandate to review and revise the ITU supply-side indicators (data collected from administrative sources, mainly operators), as well as to discuss outstanding and emerging methodological issues and indicators. This session will present the outcomes of the work of the EGTI carried out during 2013, covering the following:

- Progress in collecting data on digital broadcasting
- A discussion of the proposed revisions of the core indicators on ICT infrastructure and access of the Partnership on Measuring ICT for Development and collected by ITU
- Foreign direct investment, investment and revenue in the ICT sector, and updates to the methodology for the collection of revenue and investment data on telecommunications

**Moderator:** Alexandre Barbosa, EGH Chair and Head, CETIC Brazil

**Speakers:**

- Iñigo Herguera García, EGTI Chair and Deputy Director, Statistics Division, National Markets and Competition Commission (CNMC), Spain
- Rati Skhirtladze, Head of the Information and Analysis Department, National Communications Commission, Georgia
- Ivan Vallejo, Market Analyst, ICT Data and Statistics Division, ITU/BDT

**10:30 – 11:00    Coffee break**

**11:00 - 12:30    Report of the work of the Expert Group on ICT Household Indicators**

Over the past year, the Expert Group on ICT Household Indicators (EGH) has focused on reviewing and revising the core indicators on ICT household access and ICT individual use of the Partnership on Measuring ICT for Development, in order to reflect the continuous evolution of technologies and services. The EGH also reviewed the *ITU Manual for Measuring ICT Access and Use by Households and Individuals*. The objective of this session is to present the outcomes of the work of the EGH carried out during 2013, covering the following:

- A presentation of the revised core list of indicators on ICT household access and individual ICT use
- The launch of the revised ITU Manual for Measuring ICT Access and Use by Households and Individuals
- Countries' experiences in measuring the new core indicator on ICT skills

**Moderator:** Koay Hock Eng, Malaysian Communications and Multimedia Commission

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## **Speakers:**

- Alexandre Barbosa, EGH Chair and Head, CETIC Brazil
- Susan Teltscher, Head, ICT Data and Statistics Division, ITU/BDT
- Daniel Ewerdahl, Statistician, Statistics Sweden

**12:30 - 14:00**    **Lunch break**

**14:00 – 15:30**    **Measuring ICT and gender (jointly with the Partnership on Measuring ICT for Development)**

At the 10<sup>th</sup> WTIM, participants requested that ITU, in cooperation with members of the Partnership on Measuring ICT for Development, should continue to work on improving the measurement of gender and ICT, including by developing additional gender-relevant indicators and methodologies. In early 2013, a new Partnership Task Group on Gender was launched, chaired by ITU and UNCTAD. The Task Group has prepared a report that takes stock of existing work by the members of the Partnership and other stakeholders, assesses the demand for gender-related ICT indicators and proposes new areas for measurement. The objective of this session is to present the report and the proposals for improving gender-related ICT statistics. Participants are invited to provide feedback to the Partnership on the proposed areas of measurement and related indicators. Special attention will be paid to a discussion on the measurement of ICT employment and mobile phone ownership.

**Moderator:** Vanessa Gray, Senior Analyst, ICT Data and Statistics Division, ITU/BDT

## **Speakers:**

- Scarlett Fondeur Gil, Economic Affairs Officer, UNCTAD
- Nancy Hafkin, Women in Global Science and Technology (WISAT) and UNCTAD consultant on behalf of the Partnership
- David Hunter, Senior Statistician, International Labour Organisation (ILO)
- Ernestina Hope Turkson, Head, Gender Coordination and Capacity Building/ICT Division, Ghana Statistical Service

**15:30 – 16:00**    **Coffee break**

**16:00 – 17:30**    **Data quality assurance and ICT statistics**

While much attention has been paid by the national and international statistical community to the development and implementation of Data Quality Assurance Frameworks (QAFs), it is a rather new field in the ICT statistical community. At the same time, the increasing demand for ICT statistics, the growing number of indicators defined and agreed upon internationally, and collected by countries, call for a discussion on data quality, comparability and reliability, based on sound frameworks and established principles and guidelines. The objective of this session is to present existing frameworks and guidelines, review best practices, and discuss

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particular issues related to the quality of ICT statistics.

Questions to be addressed:

- What is the current state of the art of QAFs at the international/national level to ensure quality and comparability of data (principles, codes of practices, handbooks and guidelines)?
- What are established national/international QAFs which could be used as models for countries to implement?
- How can data quality in ICT statistics be ensured and/or improved? What role should ITU play in supporting countries' quality initiatives?
- What are particular ICT statistical issues that should be taken into consideration to ensure data quality?

**Moderator:** Jose Ramon Albert, Secretary General, National Statistical Coordination Board, Philippines

**Speakers:**

- Esperanza Magpantay, Senior Statistician, ICT Data and Statistics Division, ITU/BDT
- Ralf Becker, Chief, Industrial and Energy Statistics Section, United Nations Statistical Division (UNSD)
- Antonio Galicia-Escotto, Senior Economist, Statistics Department, International Monetary Fund (IMF)
- Eduardo Ríos, Adjoint Director General for Socio-Demographic Surveys and Administrative Records and Gerardo Durand, Deputy Director General of Economic Surveys and Administrative Records, INEGI, Mexico

**Conference Dinner**



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**Friday, 6 December 2013**

**09:00 – 10:30**

## **Emerging issues in measuring telecommunication infrastructure**

New indicators to measure ICT developments are necessary in order to keep track of the fast evolution of telecommunication technologies. The international harmonization of these indicators is necessary for cross-country comparison. This session will first present indicators to measure the uptake of the next generation of mobile technologies, with a focus on Long Term Evolution (LTE) technologies. LTE networks are already being deployed in several countries worldwide, and there is a growing demand for data to benchmark LTE coverage and uptake internationally. The session will also look at current experiences in the measurement of machine-to-machine (M2M) communications. M2M subscriptions are displaying high growth, following trends in mobile-cellular and mobile-broadband services. M2M services are key enablers for the Internet of Things, and thus an area receiving increasing policy attention. Questions to be addressed:

- What technologies should be included in the indicators to measure the next generation of mobile technologies (i.e. post 3G mobile technologies)?
- What data should be collected internationally to benchmark the progress in the deployment and uptake of next generation mobile technologies?
- What is the current data availability on M2M services?
- What indicators could be defined to measure the uptake of M2M in both developed and developing countries?

**Moderator:** Cosmas Zavazava, Chief of Department, Project Support and Knowledge Management, ITU/BDT

### **Speakers:**

- Joaquin Restrepo, Head, Outreach and Publications Division, ITU/BR
- Kathryn O'Brien, Assistant Chief of the International Bureau, Federal Communications Commission, United States
- Soichiro Seki, Director-General for International Affairs, Ministry of Internal Affairs and Communications, Japan
- Matt Hatton, Director, Machina Research

**10:30 – 11:00**

## **Coffee break**

**11:00 - 12:30**

## **Big data in the telecommunications industry**

Increasing attention is being paid to the growth and potential benefit of big data, as well as to the challenges in compiling, storing, exploiting and analyzing them. The debate is of particular relevance in the context of ICT developments since telecommunication operators and ICT market players contribute to the

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increase in big data, including through data generated by mobile phones, social media, online transactions, M2M, etc. Such data could potentially provide relevant and real-time information, at low cost, and within less time than data available from official sources. At the same time, there are a number of reservations and challenges, including issues of confidentiality, privacy, data quality and reliability. The objective of this session is to shed light on the potential use of big data in telecommunications, from the perspective of operators, analysts and the larger ICT4D community, and to address current challenges in collecting and using such data.

Questions to be addressed:

- What are the potential benefits and uses of big data in telecommunications? What is the potential role of big data in the post-2014 development agenda?
- What are the different ways in which telecommunication operators can exploit big data, for internal purposes as well as in combination with external players, and to produce new information channels?
- What are key issues that need to be addressed, and by whom, in terms of collecting and disseminating big data in telecommunications?
- What is the role of National Statistical Offices and how can big data complement official data?

**Moderator:** Ralf Becker, Chief, Industrial and Energy Statistics Section, United Nations Statistical Division (UNSD)

**Speakers:**

- Robert Kirkpatrick, Director, UN Global Pulse
- Sriganesh Lokanathan, Senior Research Manager, LIRNEasia
- Carlos Jiménez Riestra, Telefónica

12:30 - 14:30

**Lunch break**

14:30 – 15:30

**Presentation of Chair's summary and conclusions**

In the final session of WTIS, the Chair will present his final conclusions and recommendations of the meeting, for adoption by the participants.

- Luis Lucatero, Chief of Regulatory Policy, Federal Institute of Telecommunications (IFT), Mexico

15:30 – 16:00

**Closing ceremony**

- Dr Hamadoun Touré, Secretary-General, ITU
- Gabriel Contreras Saldivar, President, Federal Institute of Telecommunications (IFT), Mexico
- Mr Brahima Sanou, Director, Telecommunication Development Bureau, ITU
- Mr José Ignacio Peralta, Undersecretary of Communications, Mexico