DRAFT PROGRAMME

ITU Asia-Pacific Regional Workshop on ICT Statistics

22-25 August 2017

VENUE: Xi'an, China

Day 1: ICT Statistics – Overview and Indices Introduction	
9:00-9:30	Welcome Remarks • China • Wisit Atipayakoon, Programme Officer, ITU
9:30-9:45	**1. Introduction and rationale** 1.1 Introduction and objective of the workshop 1.2 Rationale for collecting high-quality and internationally comparable ICT statistics: national policy-making, market signaling, international benchmarking, international commitments (e.g. SDG indicators etc.) *Speaker: Esperanza Magpantay, Senior Statistician, ITU*
9:45-10:15	**Group photo and coffee break**
10:15-11:15	**2. Overview of ITU's work on ICT statistics** 2.1 Collection and validation of global administrative and household ICT statistics 2.2 Development of internationally comparable ICT indicators 2.3 Dissemination of ICT trends and analysis *Speaker: Esperanza Magpantay, Senior Statistician, ITU*
11:15-12:30	**3. National ICT data collection and challenges** 3.1 Country experiences – Alana Ramos, DICT, Philippines 3.2 Country experiences – Pham Hong Khiem, MIT, Viet Nam 3.3 Country experiences – Sonam Phuntsho, BICMA, Bhutan 3.4 Country experiences – Norisan Mohd Aspar, Department of Statistics, Malaysia 3.5 Country experiences – Bi Xinhua, National Bureau of Statistics, China *3.6 Discussions* *Moderator: Hock Eng Koay, ITU Consultant*
12:30-14:00	**Lunch break**
14:00-15:00	**4. Understanding composite indices** 4.1 What is a composite index? 4.2 What can a composite index tell us? 4.3 What can't a composite index tell us? 4.4 Constructing a composite index: good practices *Speaker: Hock Eng Koay, ITU Consultant*
15:00-16:00	**5. The ICT Development Index (IDI)** 5.1 Conceptual framework: access, use and skills 5.2 Current list of indicators 5.3 Value versus rank: absolute versus relative change 5.4 Results of the 2017 Extraordinary Meeting: revised list of indicators and way forward *Speaker: Esperanza Magpantay, ITU*
16:00-16:30	**Coffee break**

16:30-17:00	**6. Internet Prosperity Index Research Report** *Speaker: SUN Ke, Deputy Director, China Academy of Information and Communications Technology, China*
17:00-17:30	**7. China's Provincial ICT Development Index (IDI) Research Report** *Speaker: CHEN Jingqiao, Deputy Chief Engineer, China Academy of Information and Communications Technology, China*

Day 2: Telecom/ICT Indicators (Definitions & Standards) and Big Data	
9:00-9:15	Interaction and discussion: recap from day 1 *Facilitator:* Wisit Atipayakoon, ITU
9:15-10:15	**8. Fixed-telephone network, mobile-cellular network and international bandwidth indicators** 8.1 Fixed-telephone indicators 8.2 Mobile-cellular indicators 8.3 International bandwidth indicators *Speaker: Hock Eng Koay, ITU Consultant* 8.4 Discussion
10:15-10:30	**Coffee break**
10:30-12:30	**9. Fixed-broadband, mobile-broadband and bundled telecommunication services indicators** 9.1 Fixed-broadband indicators 9.2 Mobile-broadband indicators 9.3 Bundled telecom services indicators *Speaker: Esperanza Magpantay, ITU* 9.4 Discussion
12:30-13:30	**Lunch break**
13:30-15:00	**10. Quality of service and traffic indicators** 10.1 Quality of service indicators 10.2 Traffic indicators *Speaker: Hock Eng Koay, ITU Consultant* 10.3 Discussion
15:00-15:30	**Coffee break**
15:30-16:30	**11. Revenue, investment, employment and Pay TV** 11.1 Revenue indicators 11.2 Investment indicators 11.3 Employment indicators 11.4 Pay TV indicators *Speaker: Esperanza Magpantay, ITU* 11.5 Discussion
16:30-17:30	**12. Big Data** 12.1 Understanding Big Data – *Hock Eng Koay*

	12.2 Big Data for Measuring the Information society – *Esperanza Magpantay* 12.3 Discussion

Day 3: Household ICT Indicators (Definitions & Standards)	
9:00-9:15	Interaction and discussion: recap from day 2 *Facilitator:* Wisit Atipayakoon, ITU

9:15-10:30	**13. Getting ICT data through surveys**
	    13.1 Collaborating and coordinating for household ICT statistics
	    13.2 Getting ICT data through surveys: good practices
	Speaker: Hock Eng Koay, ITU Consultant
	
	14. Overview of household ICT indicators
	    14.1 ICT household indicators
	    14.2 Disaggregating the data by socio-demographics: why and how
	    14.3 Improving methodologies through the Expert Group on Household ICT Indicators (EGH)
	Speaker: Esperanza Magpantay, ITU

10:30-11:00	**Coffee break**

11:00-12:30	**15. Household ICT indicators included in the IDI and SDGs**
	    15.1 HH4: Proportion of households with a computer
	    15.2 HH6: Proportion of households with Internet
	    15.3 HH7: Proportion of individuals using the Internet
	    15.4 HH15: Individuals with ICT skills, by type of skills
	    15.5 HH18: Proportion of individuals who own a mobile phone
	Speaker: Hock Eng Koay, ITU Consultant

12:30-14:00	**Lunch break**

14:00-15:30	**16. How to report your survey data to ITU**
	    16.1 Practical considerations: data collection schedule, processes and validation checks
	    16.2 Avoiding common mistakes in reporting survey data
	Speaker: Esperanza Magpantay, ITU

15:30-16:00	**Coffee break**
16:00-17:00	**17. Discussion: ICT Infrastructure and ICT Use Indicators** *Moderator: CHEN Jingqiao; China Mobile; China Telecom; China Unicom*

17:00-18:00	**18. Conclusion and Way Forward**
	    18.1 Conclusions and way forward – *Esperanza Magpantay, ITU*
	    18.2 Closing ceremony

Day 4: Investigation and Research	
9:00-12:00	**Investigation and research** (Visit to rural e-commerce enterprises, e-government cases)

NOTE: *A reading list will be distributed two weeks before the workshop and participants are expected to read the materials ahead of time. Participants are also requested to bring their laptops (if available) or inform the workshop organizers if they cannot do so, at least one week before the workshop.*