



Expert Group on Telecommunications/ ICT Indicators (EGTI) Meeting October 4-5, 2016 (Geneva)

**Summary and conclusions to be
presented at the 14th WTIS in Gaborone
(Botswana)
November 21- 23, 2016**

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Indicators (EGTI)**

Agenda items

- 1-** Guidelines for the international Internet bandwidth indicators
- 2-** Fixed network coverage indicators
- 3-** Guidelines for the collection of indicators on digital financial services
- 4-** Revision of the composition of the ICT price baskets
- 5-** Indicators to monitor the Internet of Things (IoT)
- 6-** WiFi networks
- 7-** IDI (joint EGTI and EGH)
- 8-** Future work

1- Guidelines for the international Internet bandwidth indicators

- The EGTI sub-group, under the coordination of the Portuguese Regulatory Authority (ANACOM) reviewed the indicators and proposed several revisions and clarifications, including:
 - the extension of the indicator to all traffic (not just Internet)
 - reporting the maximum of outgoing and incoming bandwidth
 - reporting average traffic instead of peak traffic
- ✓ **EGTI meeting agreed to use the new definition starting from the 2017 ITU data collections**

2- Fixed network coverage indicators

- Several countries are already measuring the coverage of fixed network at the **access level** (i.e. the deployment of fixed technology up to the premises, irrespective of whether people subscribe or not to it), though different methodologies are used.
- Results are an approximation of the real situation in all cases, but depending on the methodology the precision will be higher/lower and this has an impact in the results.

- ✓ **EGTI meeting agreed to create a sub-group to work towards defining a set of criteria to make the indicator on fixed network coverage sufficiently comparable at the international level**
 - This will include proposing a harmonized definition of fixed network coverage at the level of access networks
 - The sub-group will collect evidence on current practices and discuss main methodological issues such as the unit of geographical aggregation, how to consider overlapping networks and the definition of deployed connection
 - Interested persons are invited to [join the sub-group](#)

3- Guidelines for the collection of indicators on digital financial services

The EGTI sub-group on digital financial services, under the coordination of Malawi Telecom Authority produced a set of guidelines for collecting data on mobile money services (from the supply side)

- The Guidelines included definitions and methodological clarifications of six main indicators on mobile money services

- ✓ **EGTI meeting agreed to continue the work on mobile money indicators through the online forum**

4- Revision of the composition of ICT Price Baskets

- ✓ **EGTI agreed to create a sub-group that will develop a specific proposal on the revision of the ITU price baskets.** The sub-group will consider, inter alia, the following points:
 1. The revision of the **composition of the mobile basket**, including mobile broadband services (voice, data and SMS basket). Countries will be asked to provide evidence.
 2. The **mix of prepaid/postpaid** plans considered for the data collection

3. incorporation of **bundled services** in the price data collection and benchmarking (fixed and mobile bundles)

4. criteria for **tariff selection**

- The sub-group will base the proposal on evidence collected from countries and strive not to increase excessively the data collection burden and the complexity of the price data collection.
- Interested members are invited to **join the sub-group**

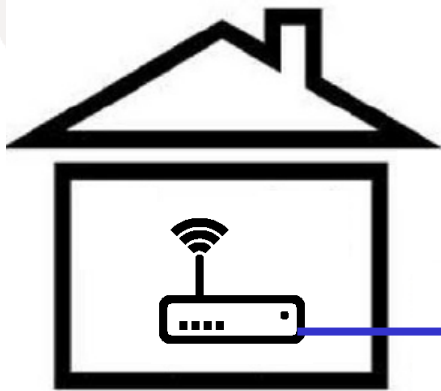
5- Monitoring the Internet of Things (IoT)

- M2M subscriptions and indicators on the broader IoT are internationally relevant
- ✓ EGTI meeting agreed to continue working through the online forum to:
 - 1) share country experiences on collecting M2M and IoT indicators from both supply-side and surveys
 - 2) discuss other potential IoT indicators

6- Wi Fi networks

- EGTI clarified the following use cases of WiFi networks:

1) WiFi used **on top of other fixed-broadband** subscriptions to distribute the signal at home



fixed broadband connection
(ADSL, cable, fiber, etc.)

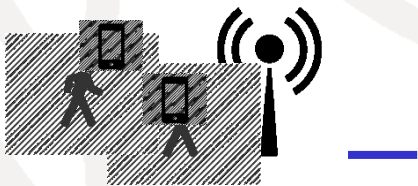
These connections are already counted as “**Fixed broadband subscriptions**” and should not be reported separately

2) WiFi used as a **last mile technology** and associated with a specific monthly fixed-broadband contract



these connections should be reported as “**Fixed wireless broadband subscriptions**”

3) WiFi **hotspots** (public, private, free, paid)



Individual country experiences, but in most cases out of the scope of regulators’ data collections.
Will not be reflected in ITU supply-side indicators

Hence, WiFi used

- 1) **on top of other fixed-broadband** subscriptions, and
- 2) as a **last mile technology** associated with a specific monthly fixed-broadband contract

already
included in
**Fixed
broadband**

-WiFi used in hotspots is problematic to measure

7. IDI - Joint EGTI and EGH

- ✓ **The sub-group on reviewing the indicators included in the IDI has been created.**

Objectives:

- To review the indicators currently included in the IDI and make proposals for improvement
- To prepare a document describing in detail the proposals for modifications to the indicators included in the IDI

The sub-group will work through the EGTI online forum dedicated to the sub-group

Timeline for the sub-group

- Nominate members of the sub-group: **end October 2016**
- Start of work: **November 2016**
- First draft of document: **April 2017**
- Comments from other EGTI members: **May 2017**
- Final draft document: **June 2017**
- Statistical tests: **July – August 2017** (carried out by ITU)
- Revised document: **September 2017**
- Presentation of final document in the EGTI meeting: **October 2017**

8- Future work

✓ EGTI agreed to the following topics for future work:

1. Guidelines for the collection of indicators on **digital financial services** (carry-over)
2. **Consistency checks** of the data on active mobile-broadband subscriptions and other supply-side indicators
3. Data **collection and visualization tools** (shared with EGH)
4. Feasibility of collecting **indicators on OTT services**

5. Fixed Network Coverage Methodology: a **sub-group** will be created within EGTI

6. ICT Price Basket: a **sub-group** will be created within EGTI to develop a proposal on the revision of the ITU price baskets

7. IoT – open in the online forum

8. Sub-group on reviewing the indicators included in the **IDI** (joint EGTI and EGH)

THANK YOU!

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Chair EGTI

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