

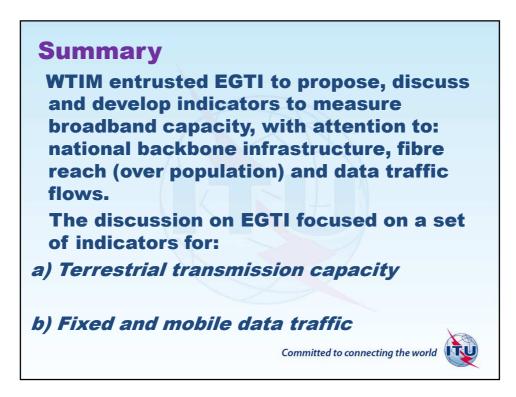
Contribution to WTIM-12 session

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SOURCE: EGTI Chair

TITLE: Measuring data traffic and backbone infrastructure





a) Terrestrial transmission capacity

The meeting agreed on seven indicators to measure backbone terrestrial transmission capacity:

- 1. Transmission network cable length (route kms)
- 2. Node locations
- 3. Equipment type of terrestrial transmission network
- 4. Network capacity (bit rate)
- 5. Number of optical fibres within the cable
- 6. Operational status of the transmission network
- 7. Percentage of population within reach of transmission networks

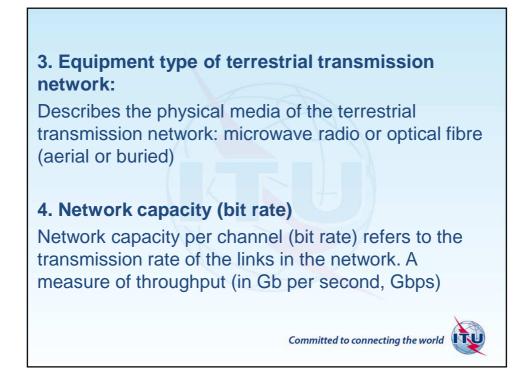
Transmission network cable length (route kms)
Physical length of the terrestrial cable in a network,

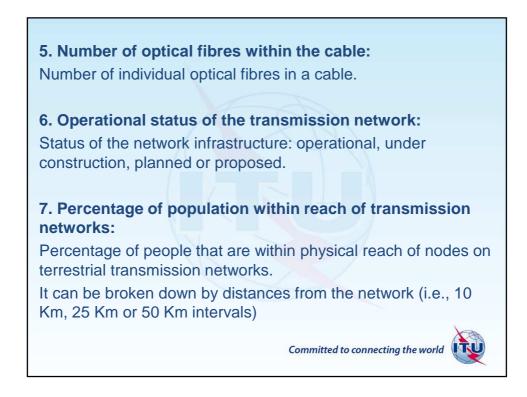
Physical length of the terrestrial cable in a network, irrespective of the number of optical fibres contained within the constitutent cables of that network. Expressed in route- Kms.

Also applied to microwave terrestrial transmission networks

2. Node locations

Geographic location of the nodes in a transmission network. Node is an access point to a transmission network. Geographic coordinates are to be provided *Committed to connecting the world*

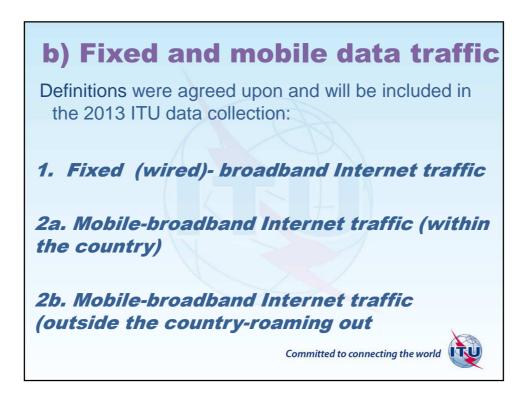




a) Terrestrial transmission capacity Conclusion:

- In order to test the feasibility of collecting the data for these indicators, the meeting agreed that the initial data collection will be conducted by ITU under a pilot project to create an interactive online transmission map, with the help of external collaborator(s).
- The data collected will be shared with the regulator or ministry for verification.
- Some refinements of the definitions will be made.
- The item remains as a topic in the EGTI discussion forum.







- Traffic should refer to those generated by fixed broadband subscribers, and should be measured at the end-user access point. This should be measured for download and upload traffic
- This should exclude wholesale traffic and walled garden, IP-TV and cable TV traffic
- Suggest to include the indicator in the 2013 ITU data collections

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