# Keeping up with the measurement agenda

insights from the Expert Group on Telecommunications/ICT Indicators

3 July 2023 | 14:00-15:30 (CET)

ITUWTIS
GENEVA2023

# Agenda

✓ Mission of EGTI

✓ EGTI work methodology

✓ 2021 EGTI Meeting summary

✓ 2022 EGTI Meeting summary

# Mission of EGTI

To review existing and develop new telecommunication/ICT supply-side indicators on a continuous basis, including reviewing and developing harmonized definitions and data collection methodologies to keep up to date with the fast changing nature of ICT technologies and services.

To decide on ICT indicators from the supply side to be collected through the ITU statistical questionnaires on telecommunications/ICT.
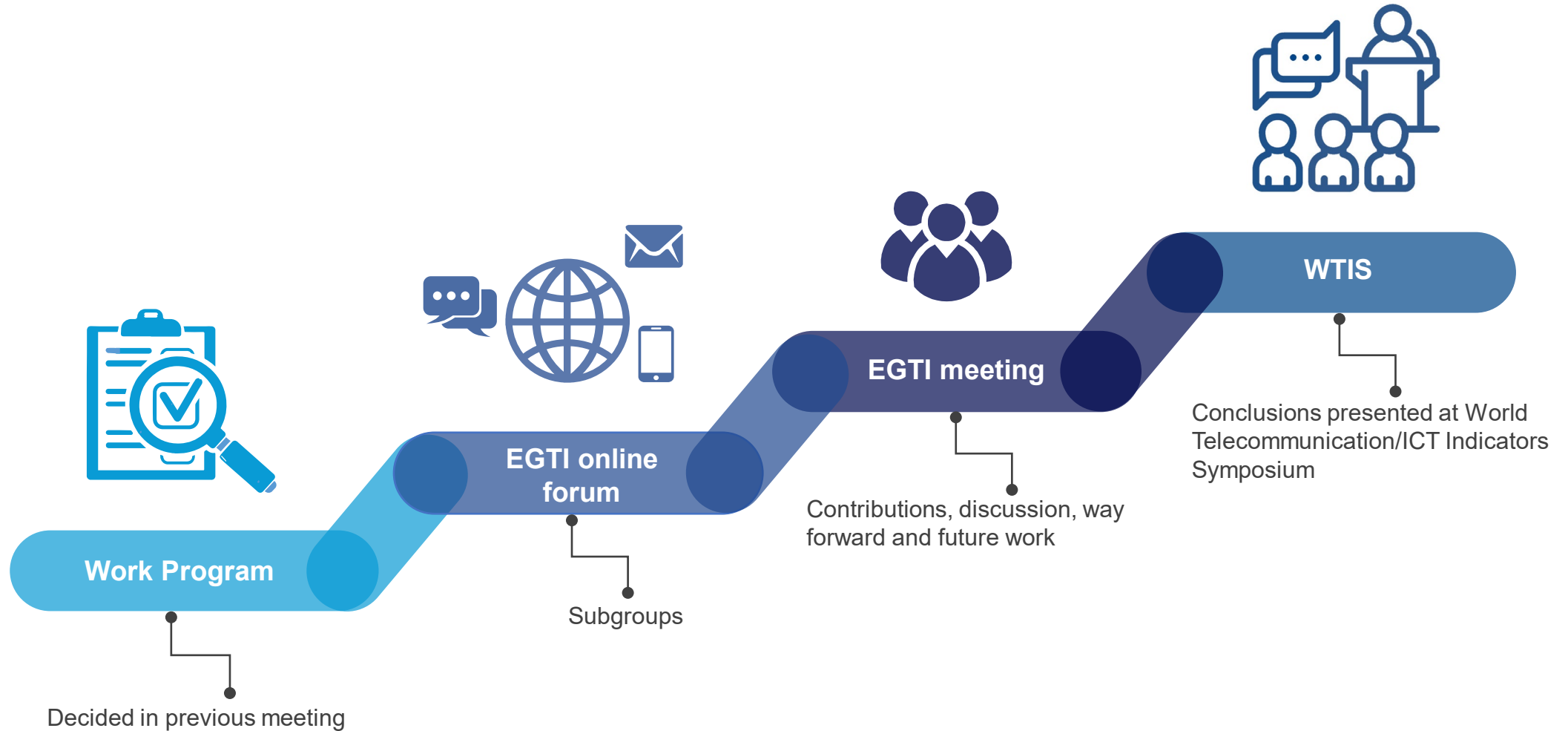
To periodically review the *ITU Handbook for the Collection of Administrative Data on Telecommunications/ICT*. The Handbook is updated to reflect the updated definitions and methodologies.

To work with the Expert Group on ICT Household Indicators (EGH) on issues related to indicators and topics that are common to both groups.

**Online forum: https://www.itu.int/net4/ITU-D/ExpertGroup/default.asp**

# EGTI work methodology



**Work Program**

Decided in previous meeting

**EGTI online forum**

Subgroups

**EGTI meeting**

Contributions, discussion, way forward and future work

**WTIS**

Conclusions presented at World Telecommunication/ICT Indicators Symposium

# 12th EGTI Meeting 2021 Summary

207 participants

46% women

72 Member States

September 13-15, 2021 (online)

## Topics on the Agenda

**Subgroup on 5G indicators:** proposed to introduce 2 new indicator measuring 5G subscriptions; clarified scope/ definitions; shared results of survey on 5G deployment

**ICT Price Baskets:** experience from data collection in 2021mobile broadband plans with alternative data allowances

**OTT indicators:** agreed on a definition

**Measurement of mobile money services:** 4 new supply side indicators

**IMT Spectrum indicators:** share experience with pilot data collection for 8 new indicators, 2017-2019

**New free online course** on ITU Academy "Measuring digital development: Telecommunication/ICT indicators"

Using **big data** for measuring digital development: ongoing work at ITU to develop new methodologies

## Conclusions

**5G indicators:** added 2 indicators measuring 5G subscriptions; clarified scopes and definitions; extended mandate of subgroup to cover M2M subscriptions using 5G; reopened subgroup on IoT.

**ICT Price Baskets:** continue data collection in collaboration with A4AI; postponed the reopening of a subgroup, keep methodology.

**OTT indicators:** extend mandate to operationalize definition.

**Measurement of mobile money services:** new indicators to be piloted.

**Review WTI Long Questionnaire indicators:** create new subgroup to review the list of indicators collected.

# 13th EGTI Meeting 2022 Summary

**242** participants
**45%** women
**90** Member States

September 12-14, 2022 (online)

## Topics on the Agenda

**5G/m2m Indicators:** deployment on machine-to-machine (m2m) subscriptions and the measurement of internet of things (IoT).

**ITU WTI Long Questionnaire:** assessed data availability and different aspects of relevance of each indicator through global survey.

**OTT indicators:** importance of measuring OTT services due to their widespread development and adoption.

**Measuring middle-mile connectivity:** discussed the feasibility of collecting statistics on IXPs and Data Centers.

**New ITU statistical products**

**ITU | DataHub**

**ITU | ICT Price Baskets (IPB)**
A unique data set about the affordability of ICT services around the world

**Digital Development Dashboard** BETA

## Conclusions

**5G/m2m indicators:** keep collecting statistics on m2m and refine methodology; highlighted limitations of capturing the universe of IoTs from administrative data (e.g., those using the unlicensed spectrum, WIFI, Bluetooth, etc.).

**ITU WTI Long Questionnaire:** proposed indicator groups to consolidate, drop a QoS indicator, put "on hold" recently introduced indicators for future assessment when sufficient data is available, and refine methodology for portability and investment indicators.

**OTT indicators:** examine framework conditions for data collection, studying technical aspects of OTT, assess feasibility of data collection. Main barrier to data collection are legal, not necessarily technical challenges and restrictions.

**Measuring middle-mile connectivity:** develop internationally harmonized indicators on IXPs and data centers.

# 2022/2023 EGTI

## 📅 Current work

- Revisit outcome of pilot recently introduced on mobile money and 5G indicators.

- Define and refine methodology for new indicators created by simplifying (aggregating) existing indicators: fixed and mobile numbers ported, foreign investments in telecom.

- Addressing the feasibility of developing internationally comparable indicators to measure middle-mile connectivity.

- Developing indicators on measuring OTTs: extend the work of the subgroup.

- To explore changing the methodology of calculating the Fixed Broadband Penetration taking into consideration the number of households instead of total population.

**https://www.itu.int/net4/ITU-D/ExpertGroup/topic.asp?TOPIC_ID=8459**

# Thank you!