

## **Expert Group on Telecommunication/ICT Indicators**

24-26 September 2025  
Geneva, Switzerland

# **Summary and conclusions**

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# Joint session of EGTI-EGH on the development of the IDI

## EGTI and EGH Members discussed during the session:

- The subgroup chairs presented the work of the subgroup, specifically its consideration of consider candidate indicators for the IDI and its review of methodological aspects. The subgroup recommendations included:
  1. Incorporating on a preliminary basis a new indicator on **5G mobile network coverage** into the existing mobile network coverage indicator and including **fixed-broadband penetration** when data on households is available
  2. Reviewing goalposts and thresholds, making efforts to minimize time lags between reference years and publication, and improving the quality of reported country data
- EGH and EGTI noted the importance of this work in guiding future updates of the IDI

## Conclusion:

- EGH and EGTI agreed to **extend the mandate of the subgroup**
- EGH and EGTI further agreed to **proceed with a formal revision of the IDI methodology** - in accordance with the process established under Resolution 131 - ahead of the expiration of the current methodology

# Leveraging granular, sub-national administrative data to illuminate coverage gaps

## EGTI discussed:

- Presentations of experience from Oman and the Dominican Republic showed how countries can leverage the use of GIS tools for a granular and timely measurement of universal and meaningful connectivity gaps;
- Interventions from the floor and poll results confirmed the widespread practice of sub-national data collection

## Conclusions:

- EGTI noted the importance of sub-national data collection,
- Invites members to continue disseminating results of granular data collection and exchanging best practices
- Open a discussion topic in the forum for experience sharing

## **Refining meaningful connectivity indicators: Measuring satellite-based broadband connectivity services**

### **EGTI discussed:**

- The presentation by Ghana provided insights on practices and challenges for measuring the increasing use of satellite-based broadband connectivity, and proposed multiple indicators
- During the discussion, participants gave further examples for the global diffusion of LEO services, which is often complementing other services calling for better measurement; emphasized the importance of having the necessary regulatory framework for satellite connectivity services (in particular, LEO)

### **Conclusion:**

- EGTI noted the global interest in satellite-based broadband connectivity, which warrants continued attention;
- Add it on the agenda for future work
  - Develop a methodology for international data collection on satellite indicators
  - Identify indicators that are feasible to be collected by regulators;

## Refining meaningful connectivity indicators: Measuring Quality of Service (QoS)

### EGTI discussed:

- Presentation by the OECD highlighted how third-party tools can provide insights on gaps in the speed and quality of connections
- A review of ITU's data collection highlighted the limitation of current data collection practice for international comparison;
- opportunities provided by third-party data and tools for measuring download and upload speeds and QoS

### Conclusion:

- EGTI members shall continue exploring best practices and the strengths and weaknesses of third-party data sources for measuring QoS

# Developing new indicators: measuring the environmental footprint of key players in the ICT sector

## EGTI discussed:

- Presentation by subgroup rapporteur Lois Ponce, summarizing the work of the subgroup and recommending a priority list of indicators that could be collected from companies and which should be tested. The presentation also highlighted the way forward to be taken by the subgroup.
- Country experience from Anatel, Brazil presented the Climate Seal project, developed with the IDB, that assesses telecom and ICT companies' climate maturity through standardized indicators, revealing strong practices among large firms but low engagement from smaller providers, with the aim of fostering transparency, climate-aligned action, and informing future regulation.
- ITU's work, presented by Rosie McDonald, highlighted the urgent need for reliable ICT sector climate data, showing rising emissions and energy use (driven partly by AI), and ITU's initiatives—such as the Greening Digital Companies report, dashboard, and national capacity-building—to harmonize indicators, improve reporting (especially Scope 3), and support countries in developing digital net-zero transition plans

## EGTI agreed:

- Extend the mandate of the subgroup to continue discussions on recommendations outlined in the subgroup report.

# Revisiting indicators

## EGTI discussed:

- Presentation on the experience of RTR Austria in collecting and publishing number-independent communications services (NI-ICS) indicators (number of user and traffic) from 13 representative providers on messengers, voice calls, video calls and conferencing services and email, allowing comparability with traditional indicators.
- Discussion highlighted the challenge of data collection, e.g., DPI, incomplete coverage of operators,
- Presentation by ITU on the experience with collecting ICT Price Basket data in 2025 according to the revised methodology

## Conclusion:

- EGTI agreed to continue experience sharing in the discussion forum on OTT / NI-ICS
- EGTI agreed to continue to exchange country experience in recent dynamics in retail prices

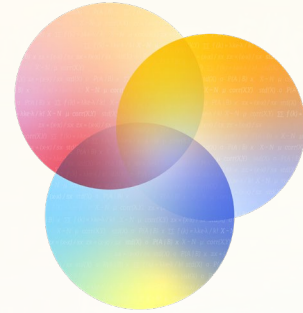
## Future work – EGTI 2026

**The following topics were flagged for future work:**

- Review of the IDI (extend mandate of subgroup)
- ICT sector greenhouse gas emission monitoring indicators (extend mandate of subgroup)
- ICT Price baskets (experience sharing)
- Satellite-based broadband connectivity
- Measurement of device affordability
- Review the list of indicators collected in the WTI questionnaire
- Experience sharing on sub-national data collection, use of GIS-based techniques
- As well as topics from previous year: Middle mile connectivity; OTT use

Based on the guidelines, for a subgroup to be launched, at least 10 committed participants should sign up by 24 October in the online forum





**EGTI  
2025**

**Thank you**  
for your active participation