



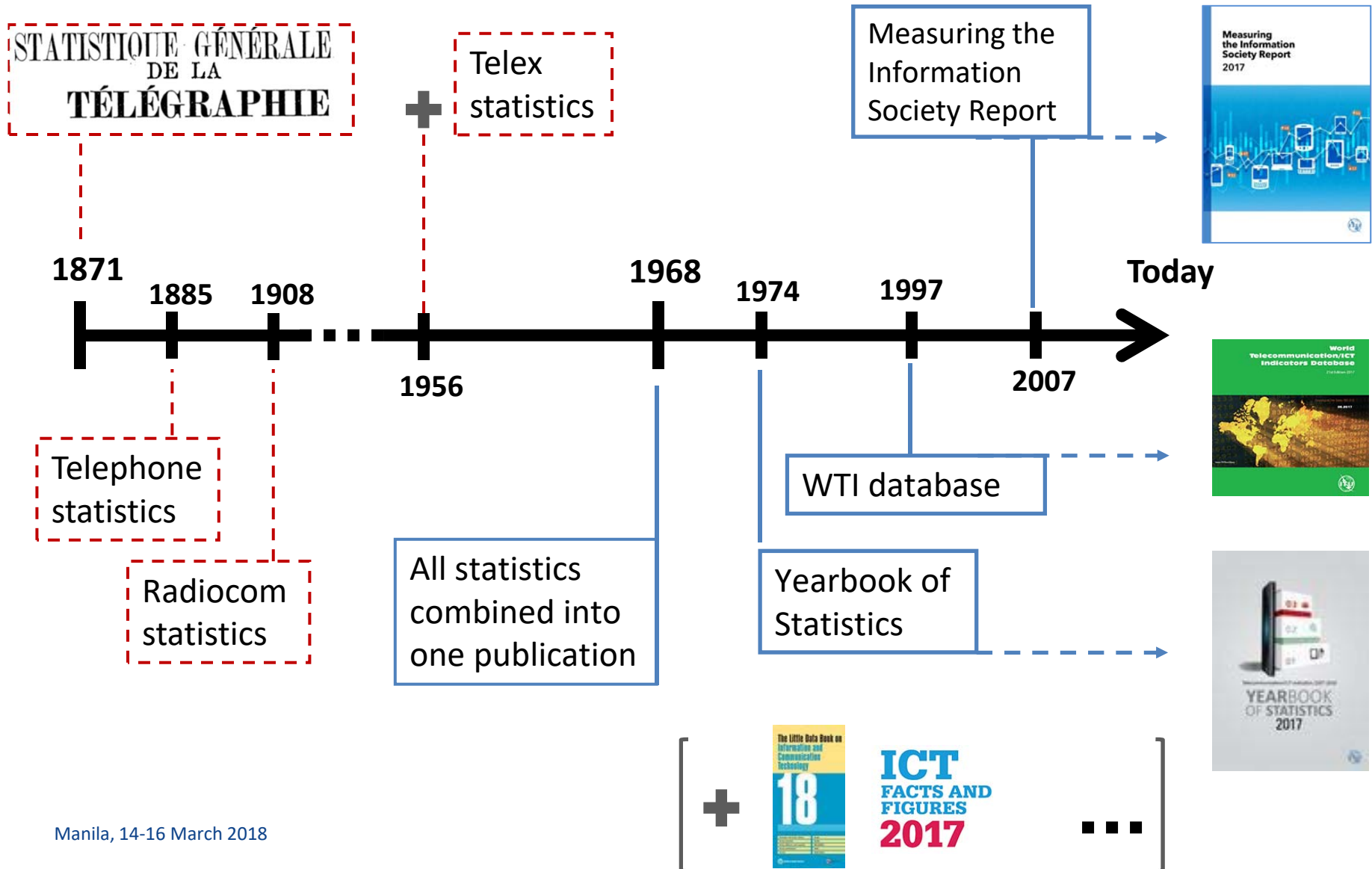
**ITU Asia-Pacific ICT Indicators Workshop**  
**Manila, Philippines**  
14-16 March 2018

**Overview of ITU's work on ICT  
measurement**

Esperanza Magpantay  
Senior Statistician  
Telecommunication Development Bureau  
International Telecommunication Union



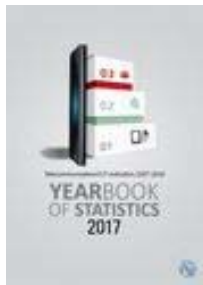
# History of ITU statistics



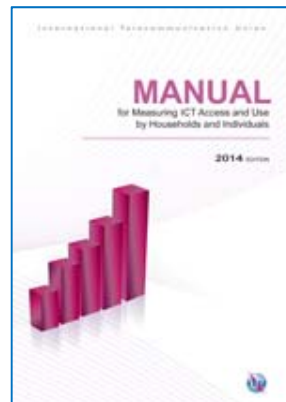
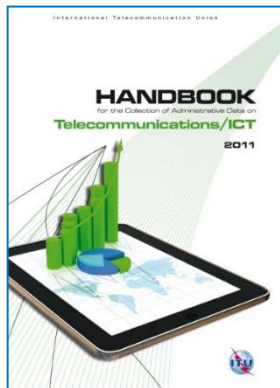
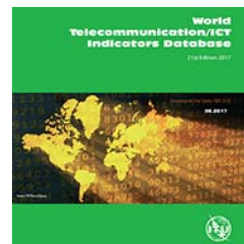
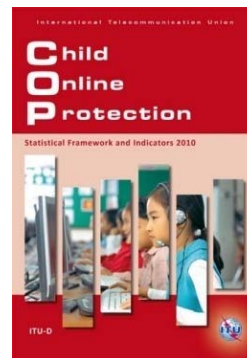


# Current ITU work on statistics

- Data collection and dissemination
- Data analysis and research reports
- Definitions and methodologies for ICT indicators
- Monitoring global ICT targets
- Capacity development
- International cooperation
- Big Data for the Information Society



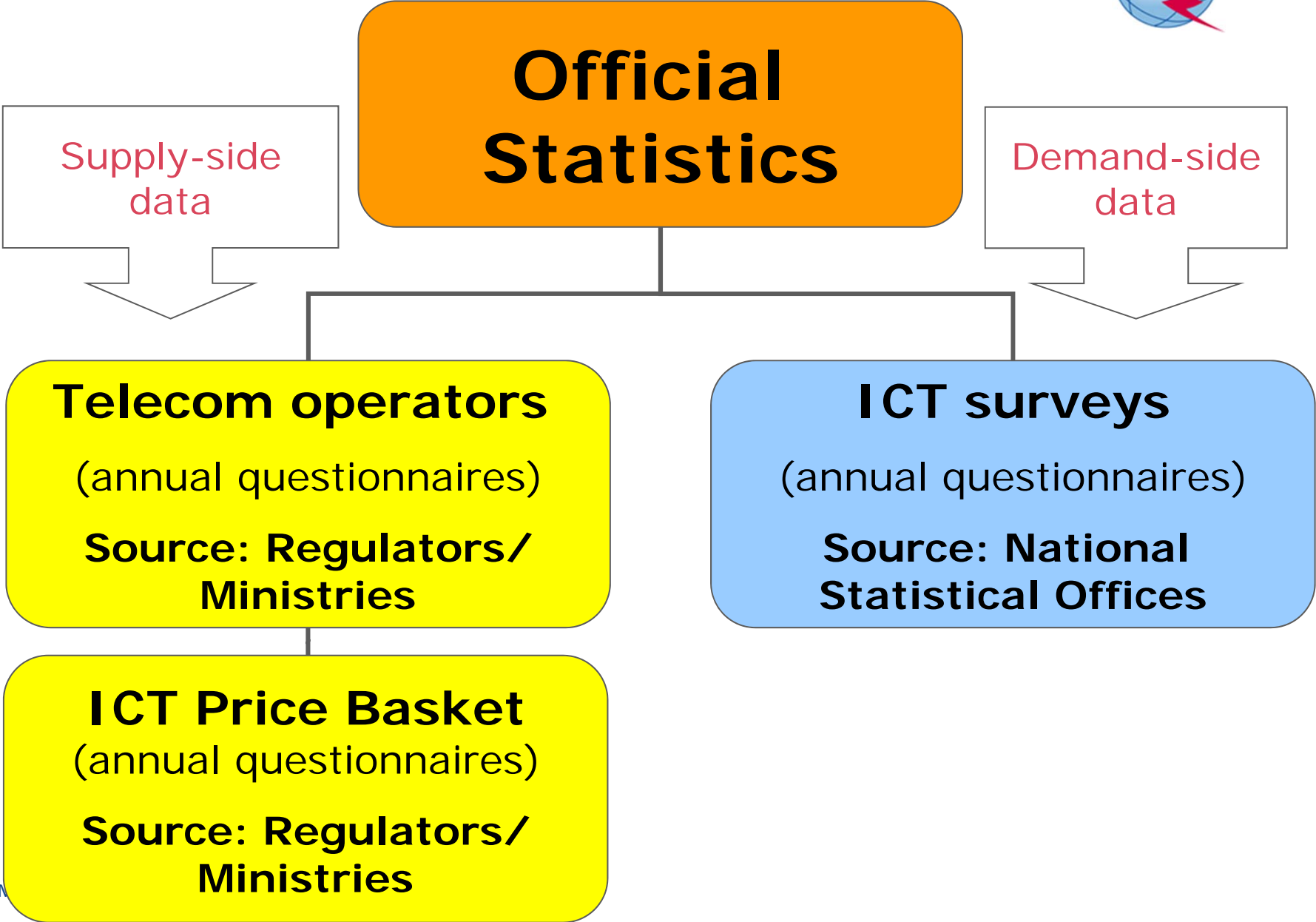
 PARTNERSHIP ON  
MEASURING ICT  
FOR DEVELOPMENT



**ICT  
FACTS AND  
FIGURES  
2017**

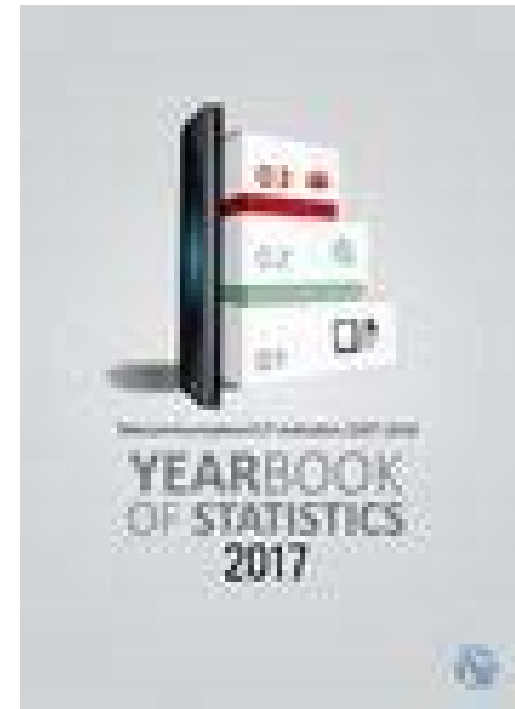
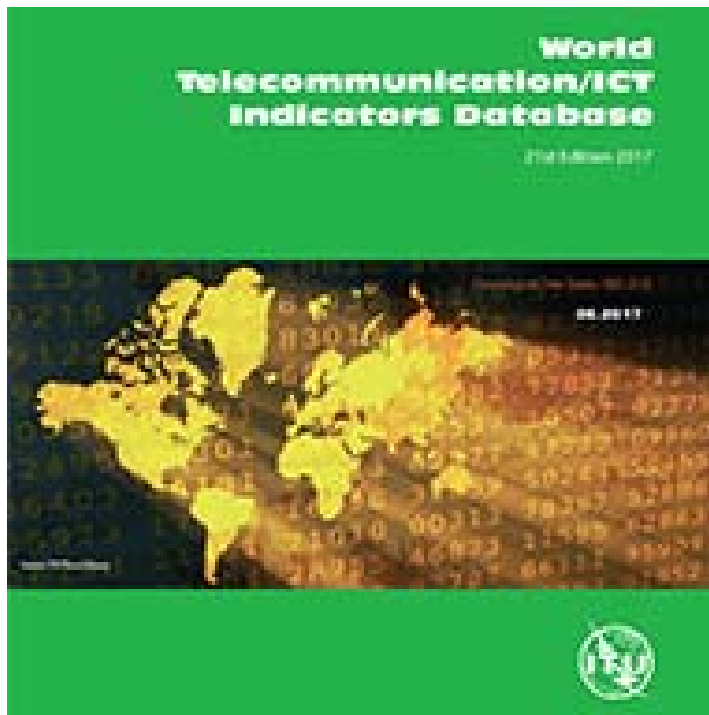
Manila, 14-16 March 2018

# ITU statistics: data collection



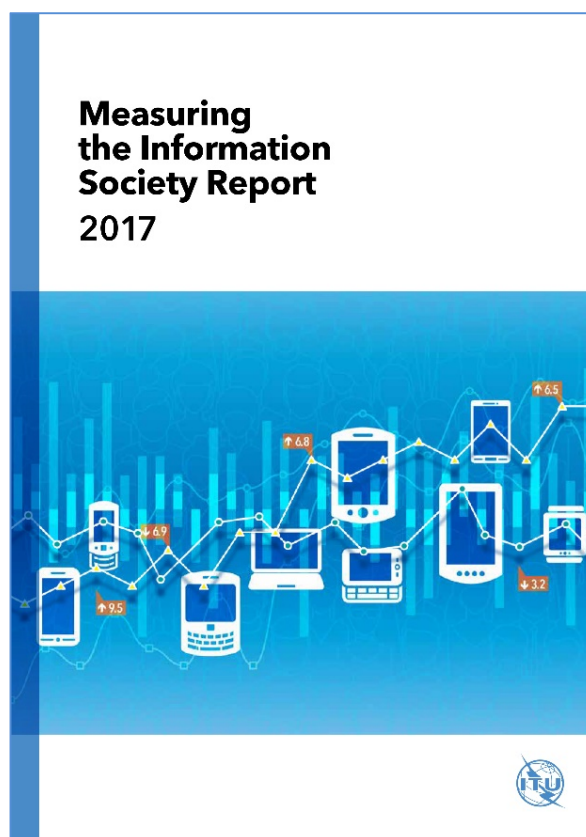


# Dissemination of ICT data



# ICTEYE

# Data analysis and research reports



**ICT  
FACTS AND  
FIGURES  
2017**

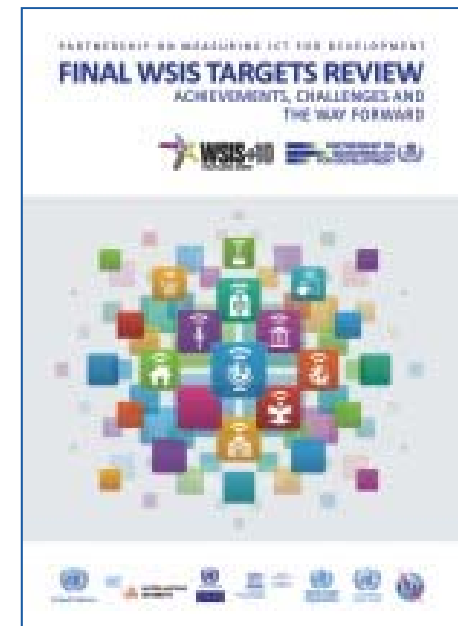
# Monitoring global ICT targets



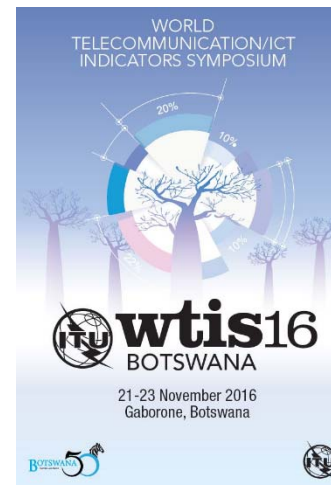
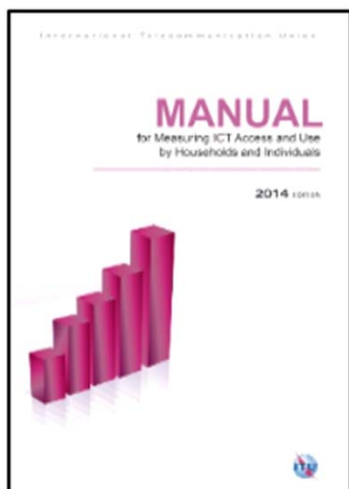
**BROADBAND COMMISSION**  
FOR SUSTAINABLE DEVELOPMENT



2025 Targets: “Connecting the Other Half”



# Definitions and methodologies for ICT indicators



**EGTI**  
**EGH**

Manila, 14-16 March 2018





# Expert Group on Telecommunication/ICT indicators (EGTI)

- Launched in **2009**, following a decision by the 7th World Telecommunication/ICT Indicators Meeting (2009, Egypt)
- Main objectives: **revision of the telecommunication/ICT indicators** *and of the ITU Handbook on telecommunication/ICT indicators*
- Open to all ITU members and experts in the field of ICT statistics and data collection
- Works through an **online forum**
- **Meets once a year** and reports back to the World Telecommunication/ICT Indicators Symposium (WTIS)
- Register at: <http://www.itu.int/net4/ITU-D/ExpertGroup/default.asp>



# Expert Group on ICT Household Indicators (EGH)

- Launched in **May 2012**, following a decision by the 9th World Telecommunication/ICT Indicators Meeting (7-9 December 2011, Mauritius)
- Main objectives: **revision of the household core ICT indicators** *and of the ITU Manual for Measuring ICT Access and Use by Households and Individuals*
- Open to all ITU members and experts in the field of ICT statistics and data collection
- Works through an **online forum**
- **Meets once a year** and reports back to the World Telecommunication/ICT Indicators Symposium (WTIS)
- Register at: <http://www.itu.int/net4/ITU-D/forum/expertgrouponhouseholds/forum>

# World Telecommunication/ICT Indicators Symposium (WTIS-17)



- 14-16 November 2017, Tunisia
- Main global event on ICT measurement – bringing together the ICT policy and ICT data community
- Presentation of the work of the statistical Expert Groups (EGH/EGTI)
- Launch of the Measuring the Information Society Report (including the ICT Development Index (IDI))



<http://www.itu.int/en/ITU-D/Statistics/Pages/events/wtis2017/default.aspx>



# Why is WTIS important?

## Regulators

- Main collectors of data from operators
- Need to benchmark ICT developments internationally
- Keep up with emerging trends, e.g. monitoring IoT

## Policy makers

- Require ICT data, e.g. for setting national targets
- Evidenced-based policy-making relies on sound statistics
- Attracting private investment requires authoritative data

## National statistical offices

- Produce ICT data from household surveys
- Oversee the statistical soundness of national data



# Capacity development

- Training course on ICT household surveys and indicators (based on Household Manual)
- Training on telecommunication/ICT infrastructure indicators and data collection
- Regional and national workshops
- In collaboration with members of the Partnership (e.g. UNCTAD, UN Regional Commissions)



# International cooperation



— Partnership on Measuring ICT for Development



— UN Group on the Information Society (UNGIS); WSIS+10



— Inter-agency Expert Group on Sustainable Development Goal Indicators (IAEG-SDGs)



— UN Statistical Commission



— UN Data Managers group

— Broadband Commission for Digital Development





# Partnership on Measuring ICT for Development



- Global initiative to improve internationally comparable ICT statistics
- Main mechanism for the **coordination of ICT statistics internationally** (Steering Committee, Task Groups)
- Members: 14 international and regional agencies involved in official ICT statistics

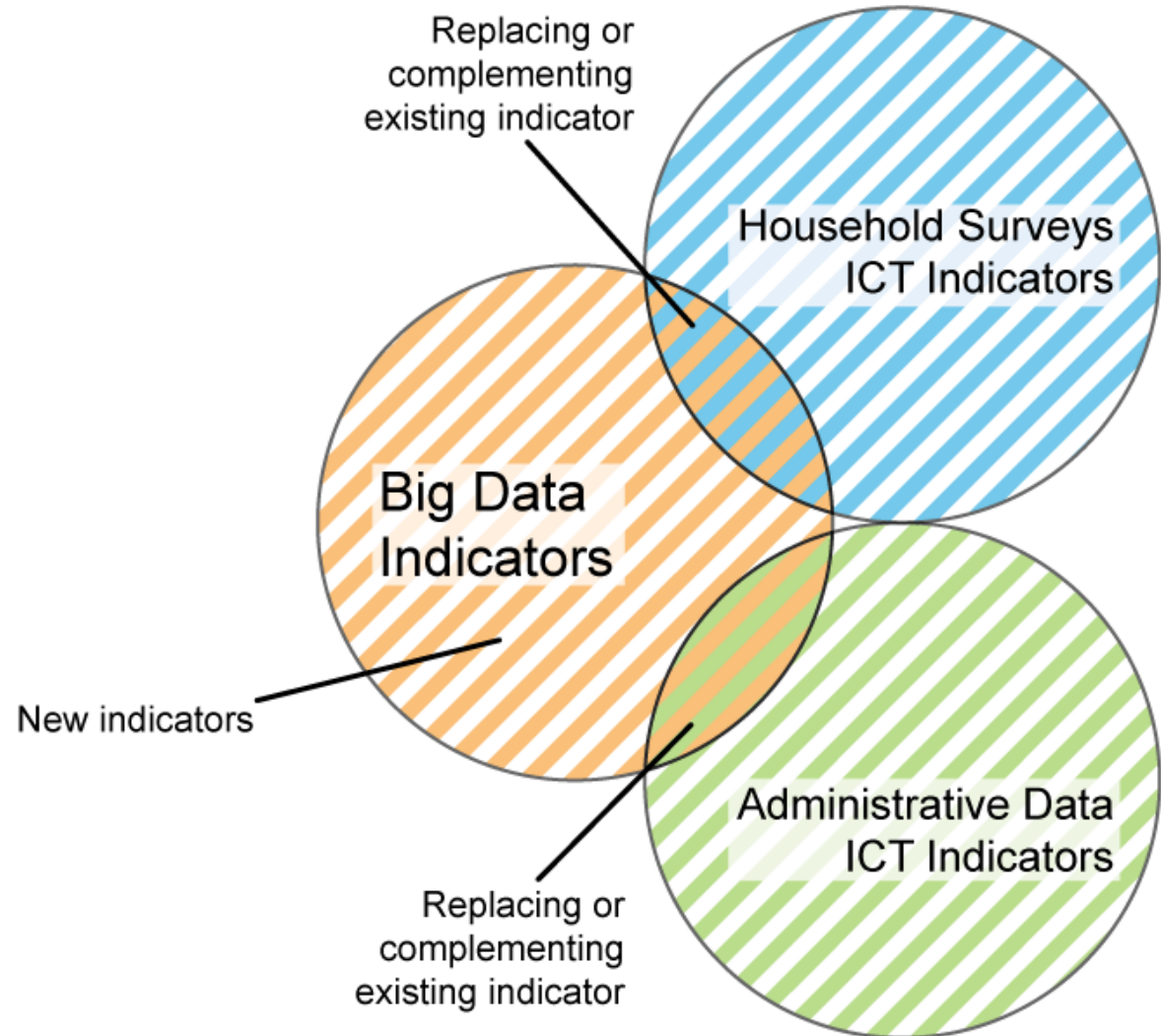


# Big data for Measuring the Information Society



## Big Data Indicators

- Replace existing indicators
- Complement existing indicators (granularity, disaggregation)
- New indicators







**THANK YOU**

**For more information:**  
<http://www.itu.int/ict>