



4TH INTERNATIONAL CONFERENCE ON

# BIG DATA

 *for Official Statistics*

8-10 NOVEMBER 2017  
BOGOTA, COLOMBIA





# INNOVATION AND MODERNIZATION OF NATIONAL STATISTICAL SYSTEMS THROUGH TRUSTED DATA COLLABORATIVES

Alexandre Barbosa, PhD (Cetic.br)

**Bogota | 8<sup>th</sup> November 2017**



- I. Cape Town Global Action
- II. Designed data, organic data and Trusted Data Collaboratives
- III. Layered-model: ecosystem of statistics
- IV. Insights from Brazil's experience

## CAPE TOWN GLOBAL ACTION PLAN FOR SUSTAINABLE DEVELOPMENT DATA:



- Innovation and modernization of national statistical systems
- Multi-stakeholder partnerships
- Coordination and strategic leadership
- Integrated data systems
- Data dissemination and communication
- Statistical capacity building and resource mobilization



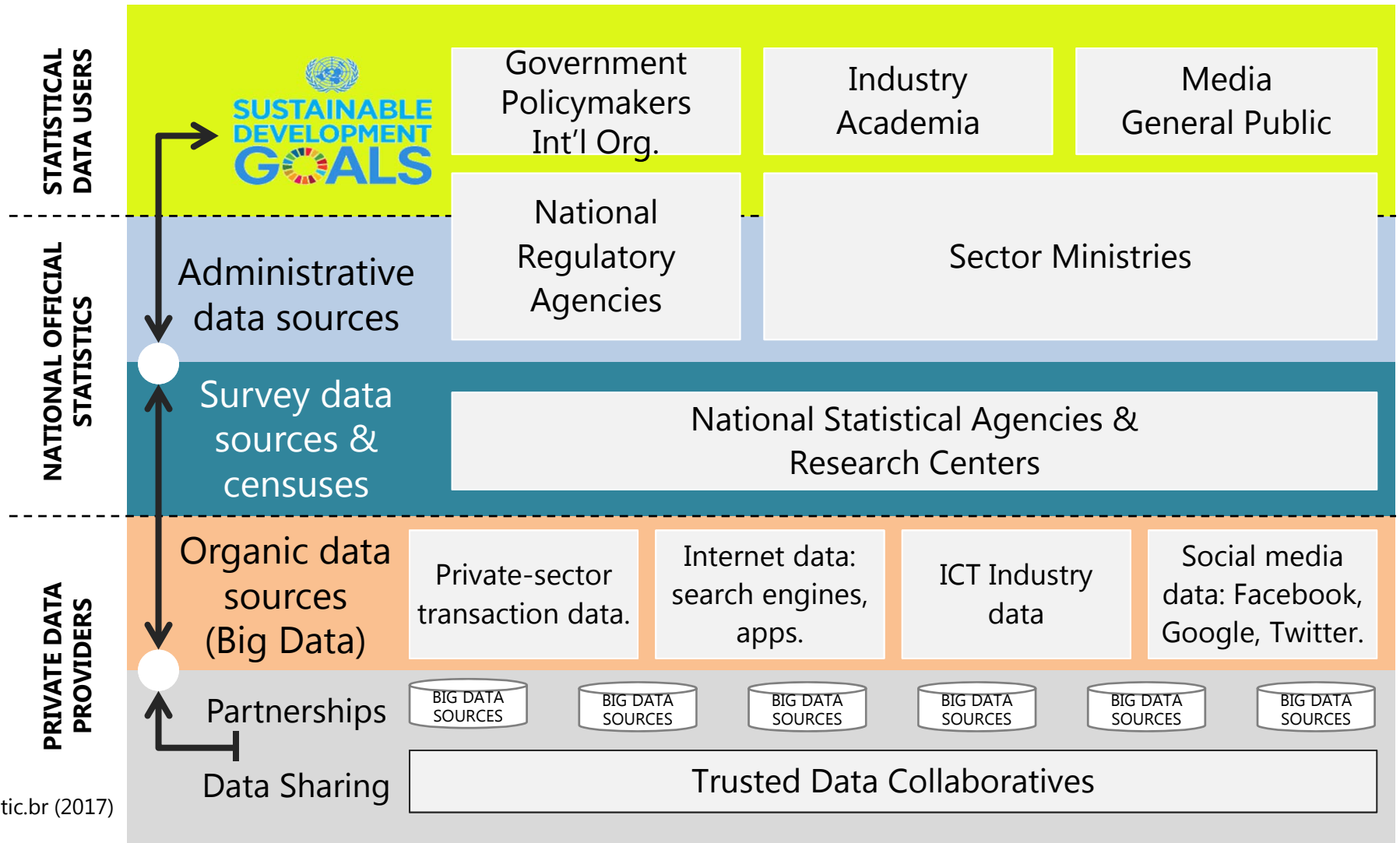
- Designed data
- Organic data, or *Big Data*
- Trusted Data Collaboratives



“the combination of designed data with organic data is the ticket to the future.”

*Robert Grove*

# ECOSYSTEM OF STATISTICS



Fonte: Cetic.br (2017)



# Brazilian experience – Cetic.br, IBGE, National Commission for the SDGs





- ITU-UN – Task Force on ICT for SDGs
- UNECLAC – Big data pilot project on measuring the digital economy
- ITU – Big data pilot project on ICT statistics

THE UNITED NATIONS GLOBAL  
WORKING GROUP ON BIG DATA

**Thank you for your attention!**

***Muchas gracias por su atención!***

#UNBIGDATA2017

