

4TH INTERNATIONAL CONFERENCE ON BIG DATA for Official Statistics

8-10 NOVEMBER 2017 BOGOTA, COLOMBIA IMPROVING DATA AVAILABILITY FOR THE SDGs AN OVERVIEW OF THE IMPORTANCE OF ICT INDICATORS FOR THE SDGs

Alexandre Barbosa, PhD (Cetic.br)

Bogota | 8th November 2017

GOBIERNO DE COLOMBIA

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Potential of information and communication technologies (ICT) to promote sustainable development.

THE ROLE OF ICTs IN THE SUSTAINABLE DEVELOPMENT AGENDA (SDGs)







ICTs integrate and accelerate the pillars of sustainable development: economic growth, social inclusion and environmental sustainability.



Measuring and tracking the expansion of ICTs is critical to the process of designing and monitoring of public policies fostering sustainable development.

MONITORING FRAMEWORK FOR THE SUSTAINABLE DEVELOPMENT GOALS



- Targets that explicitly mention ICTs;
- Targets that mention something related to ICTs;
- Targets that do not mention ICTs, but in which ICTs clearly play an important role.

TIERED INDICATORS SYSTEM:

- I. Conceptually clear / Agreed int'l definition / Regularly produced.
- II. Conceptually clear / Agreed int'l definition / Not yet regularly produced.
- III. Int'l standards (concepts and definitions) still need to be developed.

SDGs AND ICTs

ICT-RELATED GOALS AND TARGETS

WSIS Action Lines SDGs Matrix

	C1	C2	C3	C5	C6	e- gov	e- bus	e- lea	e- hea	e- emp	e- env	e- agr	e- sci	C 8	C10	C11
SDG 1																
SDG 2																
SDG 3																
SDG 4																
SDG 5																
SDG 6																
SDG 7																
SDG 8																
SDG 9																
SDG 10																
SDG 11																
SDG 12																
SDG 13																
SDG 14																
SDG 15																
SDG 16																
SDG 17																

Source: ITU (2016)



WSIS Action Lines and the 17 SDGs: strengthening the impact of ICTs for sustainable development.

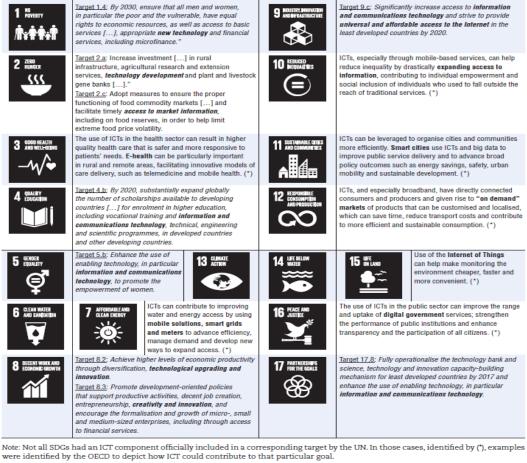
SDGs AND ICTs

ICT-RELATED GOALS AND TARGETS

NOT ALL SDGs HAVE AN ICT COMPONENT CORRESPONDING TO THE SDGs TARGETS

OECD IDENTIFIED HOW ICT COULD CONTRIBUTE TO EACH OF THE 17 GOALS

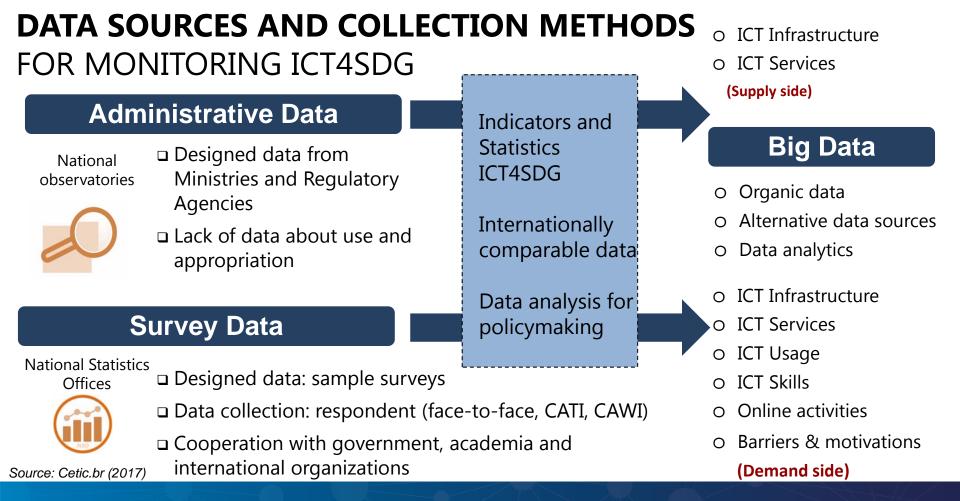
Source: OECD (2017)



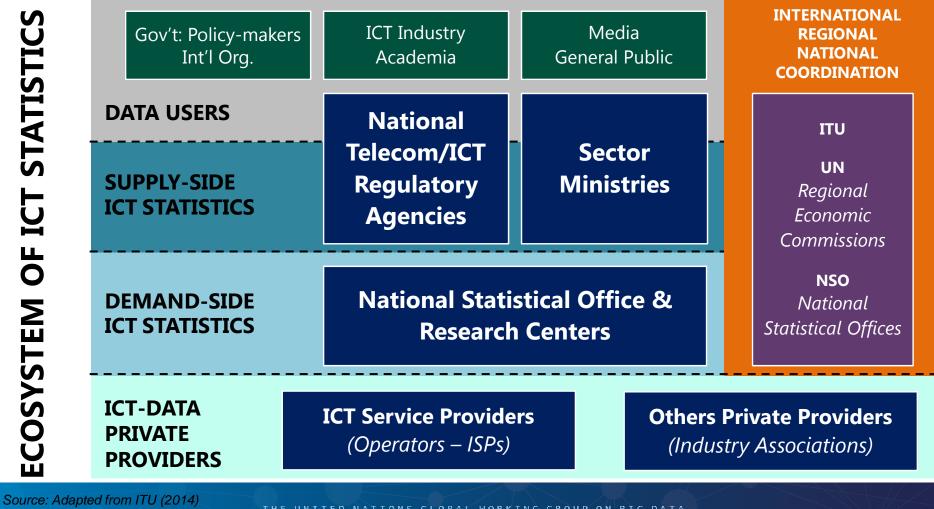
Sources: United Nations General Assembly (2015), "Transforming our world: the 2030 Agenda for Sustainable Development", https:// sustainabledevelopment.un.org/post2015/transformingourworld; OECD.



The importance of measuring ICT4SDGs: Data sources, methods of collection, data disaggregation



ECOSYSTEM OF ICT STATISTICS





Measuring ICT4SDGs: ICT Surveys in Brazil

ICT AS AN ENABLERS TO ACHIEVE GOALS ICT SURVEYS



UN Sustainable Development Goals



WSIS Action Lines

Source: Cetic.br (2017)

SDG & ICT-RELATED INDICATORS SURVEY DATA AVAILABLE IN BRAZIL

Target 4.4 By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship.

QUALITY

Indicator

 \rightarrow Proportion of youth/adults with ICT skills, by type of skills.



Target 4.a Build and upgrade education facilities that are child, disability and gender sensitive and provide safe, non-violent, inclusive an effective learning environments for all.

Indicators

→Proportion of schools with access to the Internet for pedagogical purposes.
→Proportion of schools with access to computers for pedagogical Purpose.



SDG & ICT-RELATED INDICATORS SURVEY DATA AVAILABLE IN BRAZIL

technology.







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SDG & ICT-RELATED INDICATORS SURVEY DATA AVAILABLE IN BRAZIL





ICT in Health SurveyICT in Education Survey • Access to ICT in healthcare ICT Kids Online Survey

facilities; telehealh; ehealth.

ICT Households Survey

Access to ICT in households
Access to ICT in schools
ICT skills & training in ICT











16 PEACE AND JUSTICE

ICT Electronic

service delivery,

Government Survey

o e-government, information and



ICT Enterprises Survey

Innovation & technology





Multi-stakeholder engagement: National Commission for the Sustainable Development Goals

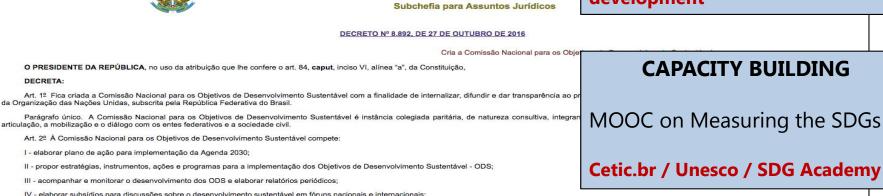
COORDINATION AT THE LOCAL LEVEL IN BRAZIL

National Commission for the Sustainable Development Goals Decree 8.892 27th. Oct 2016

POLICY PAPER

The importance of fostering the productive and inclusive use of ICTs for achieving the SDGs in Latin America:

21st Century tools for transformation and sustainable development



V - identificar, sistematizar e divulgar boas práticas e iniciativas que colaborem para o alcance dos ODS; e

THE UNITED NATIONS GLOBAL WORKING GROUP ON BIG DATA

Presidência da República

Casa Civil

THE UNITED NATIONS GLOBAL WORKING GROUP ON BIG DATA

Thank you for your attention! Muchas gracias por su atención!

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