

Measuring the Information Society: Challenges and Trends

ICT-related Statistics for Measuring the Information Society in Brazil

Alexandre Barbosa, PhD

Thematic workshop on "Measuring the Information Society: Challenges and Trends", organized by the Information Technology Organization of Iran, IT Strategic Planning and Monitoring Center/Data Processing Company (Parvaresh Dadeha), I. R. IRAN WSIS Forum 2015 Geneva, Switzerland 25 May 2015

mmmm

About CETIC.br's MISSION

Brazilian Network

nic hr

2005

Information Center

Brazilian Internet

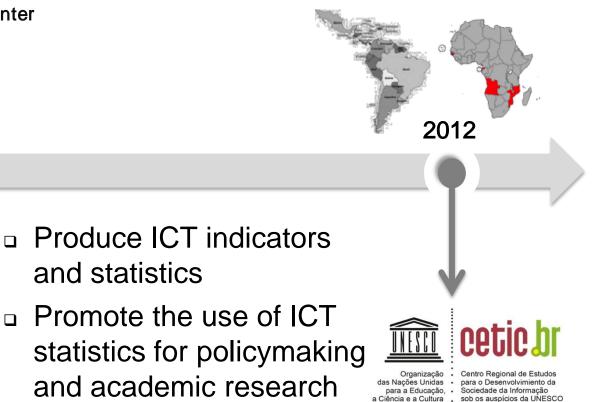
1995

Steering Committee

cetic br Center for Studies on Information

and Communication Technologies

Latin America and Portuguesespeaking African countries



cetichr nichr cgibr

Monitor socioeconomic impacts

աստ

and statistics

Regional cooperation with UNESCO



Mission: "To contribute for the building of inclusive knowledge societies through information and communication technologies"

Scope of Action: Latin America and Iusophone countries of Africa



United Nations Educational, Scientific and Cultural Organization



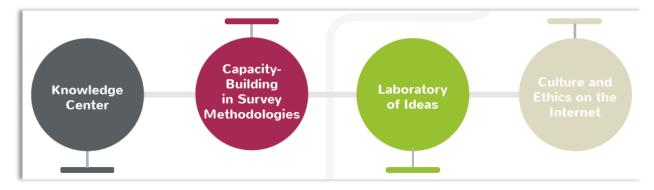
mmm

Regional Center for Studies on the Development of the Information Society under the auspices of UNESCO



cetichr nichr cgibr

Lines of Action:



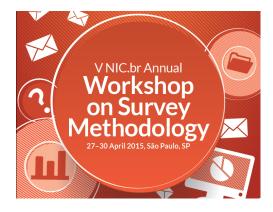
The role of CETIC.br in providing ICT-related statistics for measuring the information society in Brazil.

Survey data for policy design THE ROLE OF CETIC.br

PRODUCTION OF ICT-STATISTICS

- Sample design
- Data collection
- Data analysis
- Data dissemination

CAPACITY- BUILDING



ICT4D Statistics

ICT core Indicators

Internationally comparable data

Policyrelevant data analysis

սորող

Policy makers

- ICT Infrastructure
- ICT access & use
- ICT skills
- ICT training
- Online activities

cetichr nichr cgibr

 Barriers and motivations

KNOWLEDGE CENTER

Producing relevant data for policymaking and academic research:

ICT Surveys: Data collection, data analysis report and publications on the access and use of ICT in various segments of Brazilian society.

Lines of action **KNOWLEDGE CENTER**



The ICT Households and ICT Enterprises surveys have been conducted annually since 2005. The former aims to map access to and use of ICT in Brazilian households and by individuals and the latter studies ICT adoption by companies. In 2014, the ninth edition of the surveys was published.

TIC **KIDS ONLINE BRASIL** 2013 egibr





ICT in Education survey has assessed ICT infrastructure in schools in urban areas and ICT appropriation in educational processes. The fourth edition, published in 2014, includes a special module on Online Educational Resources

TIC 2013 egi.br

Conducted for the first time in 2013, the ICT in Health survey investigates the availability and use of ICT in health facilities and by professionals.



The ICT Electronic Government 2013 survey investigates the provision of e-government services in Brazil by interviewing federal and state government organizations from the executive, legislative and judicial branches and the public prosecutor's office.



The first edition of the ICT Nonprofit Organizations survey investigates ICT access, use and appropriation by non-profit organizations such as trade unions, associations, foundations and religious organizations in Brazil



սսսսս

The ICT Public Access Centers 2013 survey investigates digital inclusion in Brazil through an analysis of the main federal government programs supporting televenters.



Lines of action CAPACITY-BUILDING

CAPACITY-BUILDING ON SURVEY METHODOLOGY

Survey Methodology Workshops

Moving data off the shelf into action: Engaging data producers, researchers and policymakers into the methodological debate.



Brazil



Latin America

mmmm



Africa

cetichr nichr cgibr

Lines of action LABORATORY OF IDEAS



 Public debates, conferences and round tables with experts to explore issues related to the social implications of ICT.

Expert group meetings:

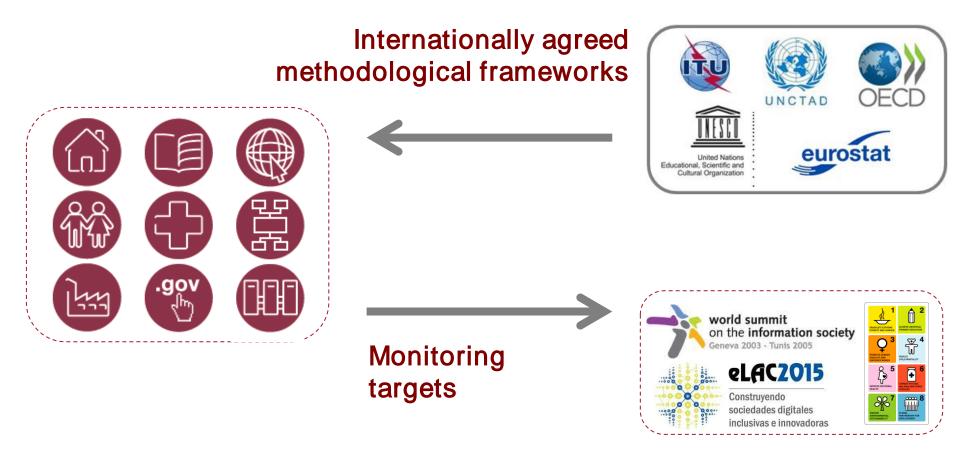
- ICT surveys Expert Group Meetings.
- ITU Expert Group on ICT Household Indicators – EGH.
- Working Group CEA-ECLAC on ICT measurement in the health sector.
- UIS TAP Meeting on ICT4E.





cetichr nichr cgibr

Monitoring socioeconomic implications of ICTs ICT SURVEYS IN BRAZIL



սորոր

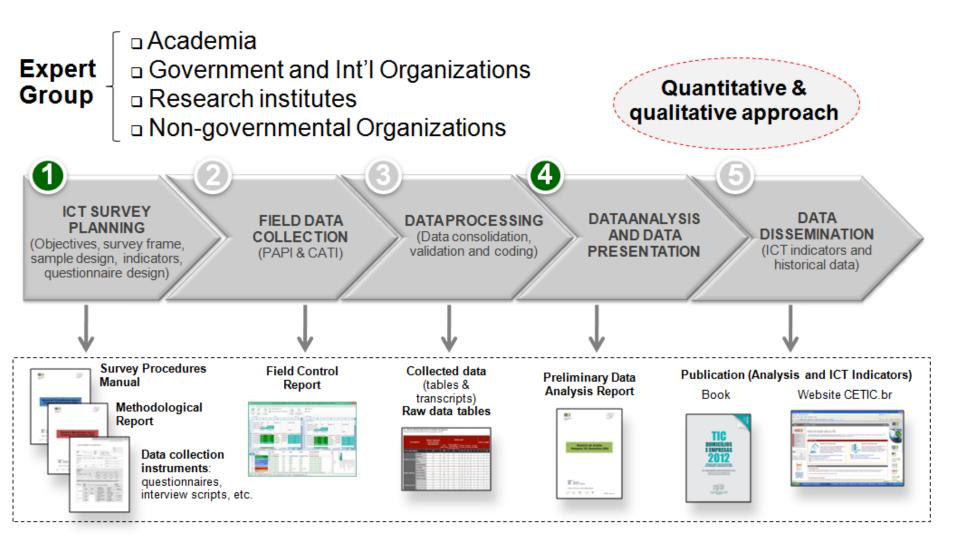


How does CETIC.br engage key stakeholders in the process?

mmmm

cetic.br nic.br cgi.br

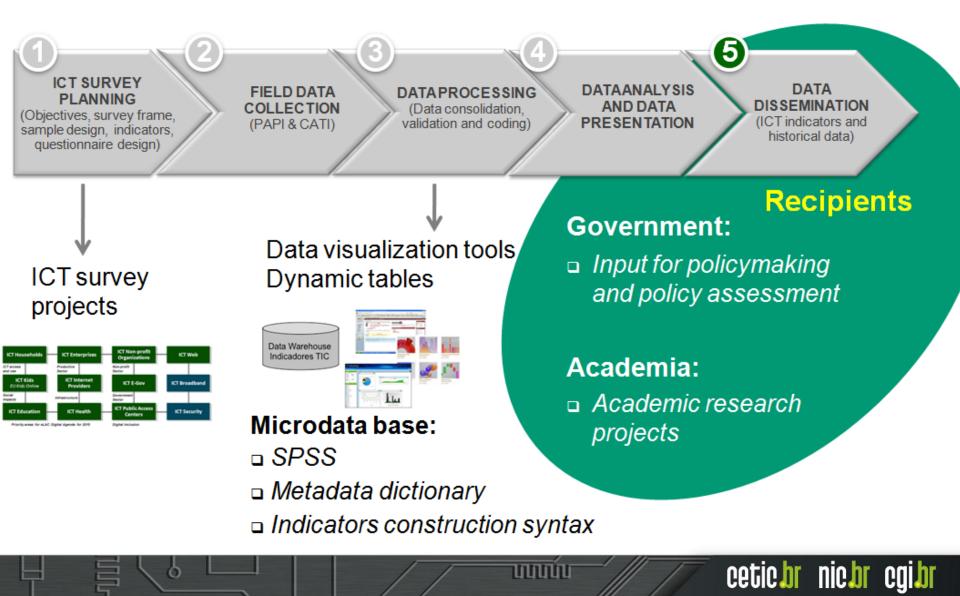
ICT SURVEY PROCESS Critical steps to assuring data quality



սորող



ICT SURVEY PROCESS Critical steps to assuring data quality



ICT survey process ENGAGING KEY STAKEHOLDERS



Academic Organizations

Government and International Organizations

61 organizations

>200 experts

participate in the survey process on a voluntary basis

Innnn



cetichr nichr cgibr

Non-profit Organizations

ICT survey models INTERNATIONALLY AGREED FRAMEWORKS

HEALTH

սորոր

 Methodology, definitions, core indicators, and questionnaire.









ICT survey models INTERNATIONALLY AGREED FRAMEWORKS

mmmm

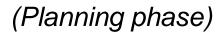
 Methodology, definitions, core indicators, and questionnaire.



Local methodologies

(non-comparable data)

NON-PROFIT ORGANIZATIONS
 INTERNET PROVIDERS
 PUBLIC ACCESS CENTERS



DIGITAL CUTURAL CONTENT





Challenges and opportunities SURVEY MODELS

Challenges

- □ Stakeholders engagement
- □ Taxonomy and definitions
- □ Indicators definitions (core)
- Modular approach
- Data collection instruments
- Continuity & reference period
- Methodological framework
- Data dissemination and communication

POLICYMAKING

Opportunities

BENCHMARKING

CROSS-NATIONAL STUDIES

cetichr nichr cgibr

Cooperation in the definition of ICT INDICATORS

ò

	Moderator of ITU's Exper Group on Household Inficators - EGH)/ CWG-COP (<i>Child Online Protection</i>).
C E P A L	ICT CEA-CEPAL Working Group for e-Health e e-Government.
() OECD	e-Health Task Force Indicators / WP-MADE – Measurement and Analysis of the Digital Economy.
Listed Nations Educational, Scientifica Educational, Scientifica	ICT indicators for persons with disabilities.
www.eukidsonline.net	EU Kids Online Academic Network.
Cuttore Operation	Indicators for ICT in Education.

սորող



ICT surveys in Brazil and UNESCO PUBLICATIONS



սորոր

Thank you



metic br

a Ciência e a Cultura

Organização • Centro Regional de Estudos das Nações Unidas • para o Desenvolvimento da para a Educação, • Sociedade da Informação sob os auspícios da UNESCO

www.cetic.br

@ alexandre@nic.br @ ComuNICbr Facebook.com/nic.br

nichr egibr

www.nic.br | www.cgi.br