



**Where ICT meets Social &  
Economic Development**

# Opening Government Data to support Agriculture

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[https://public.sbc4d.com/2015/02/sb\\_cta\\_bru.pptx](https://public.sbc4d.com/2015/02/sb_cta_bru.pptx)

# SBC4D: Where ICT meets Social & Economic Development



- Consulting Company specialized in ICTD
  - Open Data & Open Linked Data: Strategy & Implementation
    - Supporting Governments in ACP Countries in their Open Data Initiative
    - Supporting International Organizations
  - Mobile & Web services: Strategy, design, deployment. Specific expertise on multi-channel applications, and ICT for illiterate underprivileged communities
- Sector Expertise: Agriculture, Governance, Media, Health
- Geography:
  - 70% of activities in Sub-Saharan Africa
  - Operation in South Asia (India, Indonesia), Pacific Islands (Fiji), Latin America (Chile, Colombia)



**SBC4D**

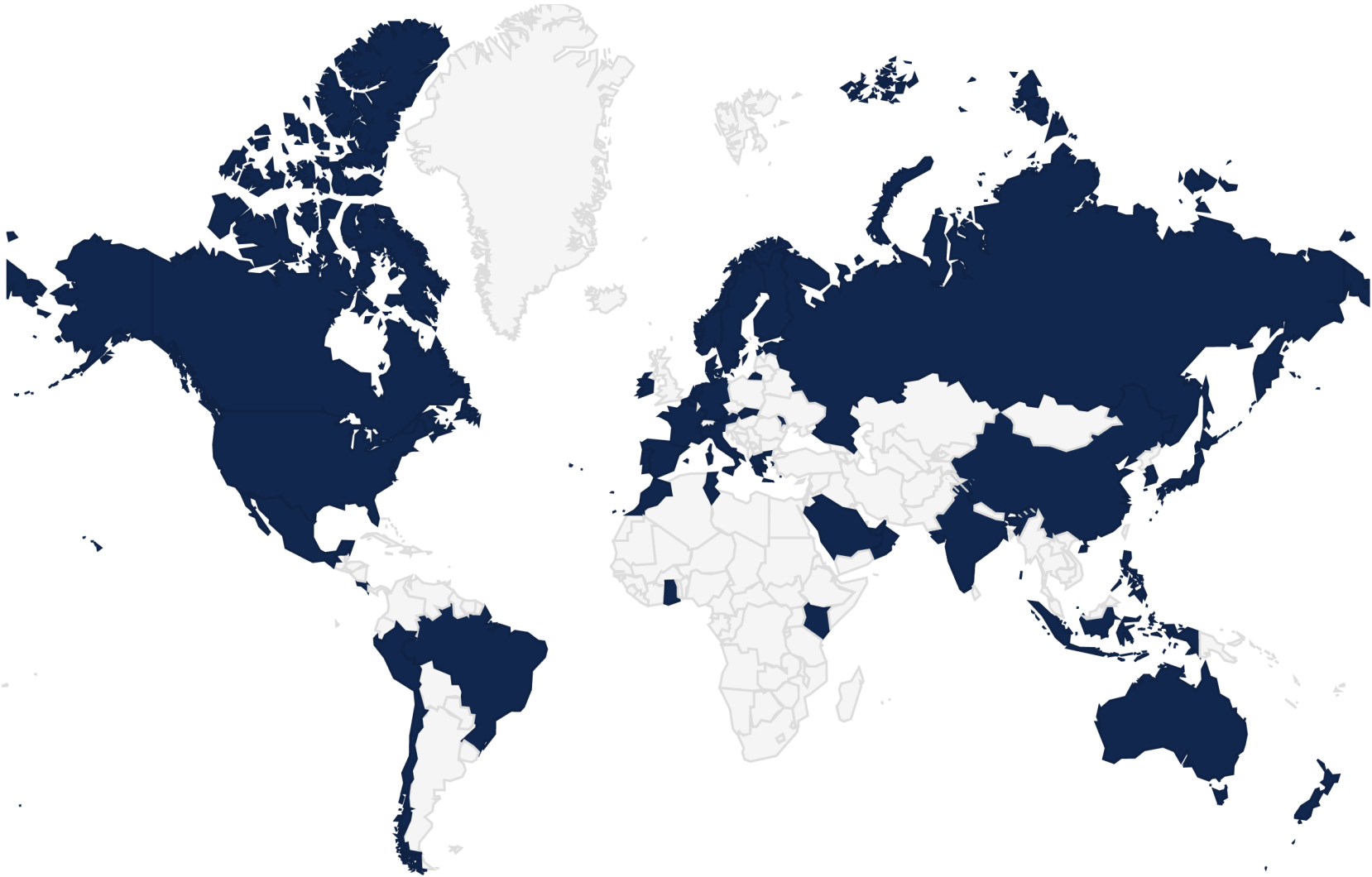
# Open Government Data?



- A new approach started in 2009 in UK & US, now with more than 60 countries (OGP) over the world
- Leveraging access and reuse of public data
  - Releasing public data in a machine readable format
  - Releasing data with an open licenses
- Rationale
  - Lots of Datasets available at country level
  - Increase value of public Data for all actors
    - Private sector & Businesses
    - Civil Society organizations & NGOs
    - Academics
  - Improve transparency & accountability
  - Improve public service delivery
  - Leads to social and economic development
  - Develop the ICT sector



# Open Government Data: A global movement?



# OGD Approach & Challenges



- **Specific LMIC Challenges**
  - **Legal Framework: Lack of FoI/RTI**
  - **Data Collection & electronic Storage**
  - **Web/ICT Access**

# Technical Level Challenges



- Growing importance of ICT and ICT tools within LMIC governments
- Not all platform are OD ready
- ⇒ Align your ICT strategy with OD requirements
  
- Be Ready at the technical level
  - at the country level
  - at the international organization level
    - Adapt technical assistance
- Example: Market Information System in Fiji



# ICT for Agriculture & Open Data



- ICT and mobile are a great opportunities to develop agriculture
- More data available to the public more innovation
  - Entrepreneurs
  - Agri Private Sector
- The most important piece of information is still farmer mapping
  - To know who is where doing what
  - To provide appropriate information to the right people
  - To prevent data overload
- Using existing organizational structure instead of replacing it (ICT as a tool vs a solution)
  - Extension agent network
  - Cooperatives
  - ...





- The biggest source of Data that are relevant to people is at the country level
- They are few challenges to solve to launch a national open data initiative
- It is possible to prepare today the future and support the political agenda
  - Integrate OD principles in ICT tools
  - Align ICT strategies with OD





- <http://www.sbc4d.com>
  - <http://www.sbc4d.com/product-services/demo/>
  - <http://www.sbc4d.com/publications-resources/>
    - [Open Data Readiness Assessments](#)
    - [Open Data in developing countries State of the art](#)
- <http://www.mvoices.eu>
- <http://www.w4ra.org/>
- [Some relevant blog posts:](#)
  - <http://stephb.org/2012/12/mobile-ict-small-scale-farmers/>
  - <http://stephb.org/2013/03/demystifying-voice-technologies-for-development/>
- <http://www.w3.org/TR/2009/NOTE-mw4d-roadmap-20091208/>
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