Open Development enabled through innovative uses of ICT



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Goal: Increasing Accountability in Public Services & Aid



New paradigms

- •Transparency
- Participation
- Collaboration
- EconomicEmpowerment

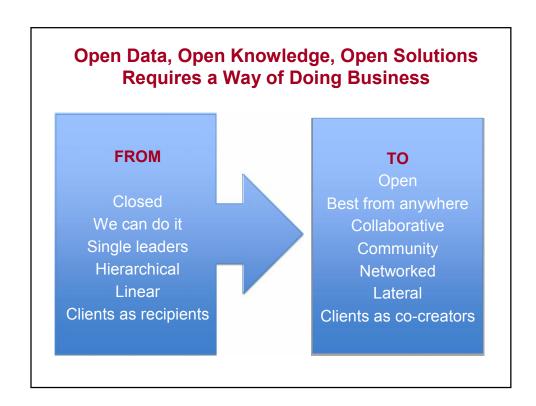


World Bank's Vision



"Imagine this: A health care worker or parent in a village, with a laptop or mobile device, can access development knowledge in real time through **geo coding** and **geo mapping**. She can see which schools have feeding programs and which go without, and what is happening to local health. She can access 20 years of data on infant mortality for her country and its neighbors. She can dig deeply and compare her village with others. She can **upload her own data**, throw light on the likely effect of new interventions, and mobilize the community to demand better or more targeted health programs."

"Our aim is for Open Data, Open Knowledge, and Open Solutions." RBZ, Sept 28, 2010



Focus: Game Changing Opportunities



- Geo-coding
- Mobiles
- Social Media

Open Development Vision

Open Data

 Share tools and essential information on the global economy and Bank operations

Open Knowledge

 Enable researchers, students, civil society, and local communities to collect data, measure results, increase knowledge

Open Solutions

 Work together to find solutions to development problems

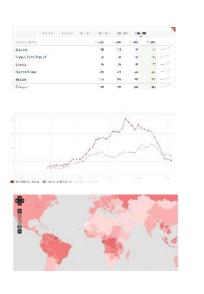
Open Data Initiative



- Easy and free access to a wealth of indicators, aid flows and project outcomes
- Partner with others, such as Google and Microsoft, to expand data reach
- Apps for Development Challenge – encourage innovation

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Mobiles in 2010

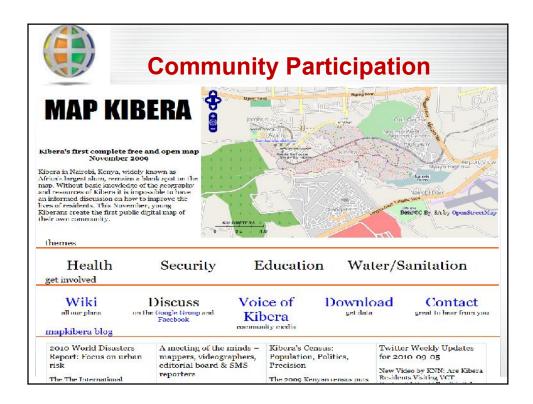
"The mobile phone is the most powerful technology for ending poverty in the world today".

Jeffrey Sachs

The New Compass

- √5 Billion subscriptions Worldwide
- ▶100% penetration in developed world
- ≻58% in Developing countries and rising fast
- √560 million GPS enabled handsets by 2012
- √42% of Mobile Apps are Geospatial









To Engage Citizens & Improve Outcomes

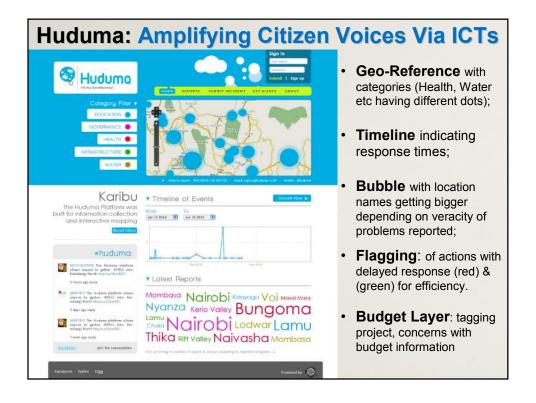
- Afghanistan: GPS cameras track progress on irrigation infrastructure in remote areas
- India: pilot project tracks maternal and child health visits via cell phones
- Bolivia: Verifying installation of solar panels in infrastructure project
- Cambodia: Track rehabilitation of national highway network

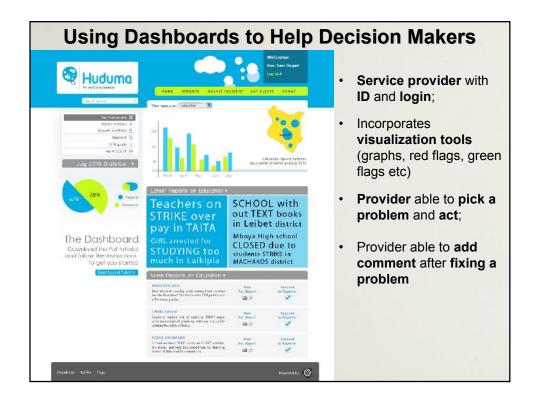


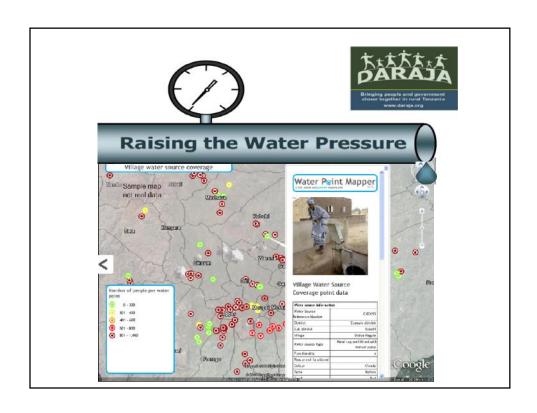


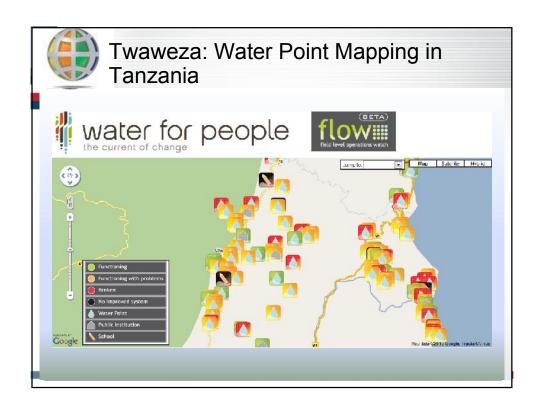


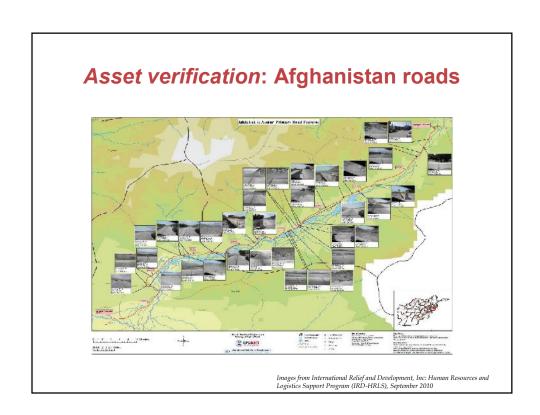






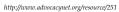






Asset verification: EQUIP







http://www.boston.com/news/world/blog/2009/07/post_9.html



Blood Bank Reporting in Western Ken



"The local district hospital in Kilifi never had enough blood for transfusions," Eagle said. "So I built a system for the nurses to send short, daily text messages from mobile phones to the centralized blood bank to avoid shortages."

Read more: <u>Txteagle takes outsourcing to cell phones | New Mexico Business Weekly</u>

Mapping for Results ...

Information available, but not easy to visualize

Geo-coding: makes project data more accessible

Visualize project locations and MDGs at country level







www.maps.worldbank.org

Key Principles of Mapping for Results

Results

Visualize location of projects

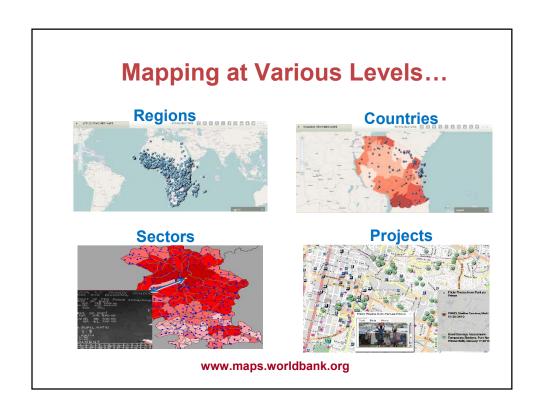
Openness

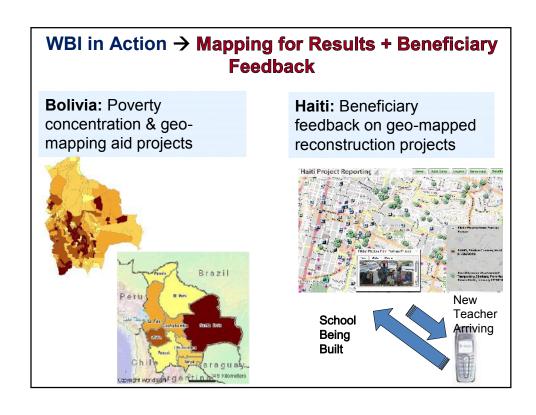
 Location data for 1,200 projects and 16,000 project activities available by April

Accountability

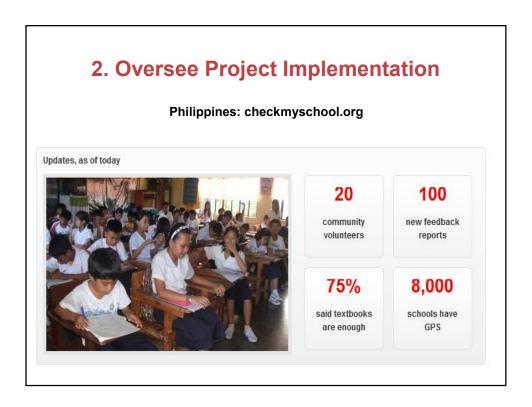
 Directly engaging beneficiaries through ICT to provide feedback and improve results







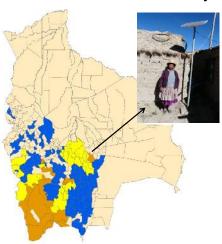






4. Enhance Tracking of Results

Bolivia: Decentralized Infrastructure for Rural Transformation Project



Benefits

- Target activities to regions with most need
- Promote synergies between components (Electrification and Telecomms)
- Verify that services were provided
- Monitor project results and impact
- Transparency and social accountability

