



Photo Credit: [Andrea](#), Flickr

Social Impact of Open Data

by Sandra Moscoso, World Bank

[World Bank Group Open Finances](https://finances.worldbank.org), <https://finances.worldbank.org>

[World Bank Group's Media Development Program](#),

Social Impact

“The net effect of an activity on a community and the well-being of individuals and families.” – Centre for Social Impact (Australia)

National Research Council &
Syracuse University

- Social Benefits (public research data)
 - improve political transparency
 - enhance education and research
 - support personal decision-making capabilities

World Wide Web Foundation, Tim Davies

- Research: “[Exploring the Emerging Impacts of Open Data in Developing Countries](#)”
 - improved governance
 - support citizens' rights,
 - promote more inclusive development



Education

Benefits in Education

Community

- School choice, career choice
- Advocacy
- Resource sharing among educators
- Data literacy
- Budget/procurement transparency
- *Policy design*
- *Policy implementation*
- *Student-level education comparisons and analytics**
 - *Privacy constraints*
- *School and system-level administration**

Government/System

- Policy design
- Policy implementation
- Budget/procurement transparency
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- *School choice, career choice*
- *Advocacy*

Where there is choice, there is angst

Welcome to Boston Public Schools Registration

Discover BPS is a new tool for 2014. We are working hard to ensure its accuracy for all families, across all addresses and grades. If you find issues with your search, please send us feedback at discoverbps@bostonpublicschools.org so we can continue to improve the site.

Discover

The first step in the discovery process is to identify the student's eligible schools. By filling out the form below, we can tell you which schools your child is eligible to attend, and which ones might be a good fit.

To get started, enter your home address and your student's name and grade level in the form below (name is optional):

Student's First Name | Student's Last Name | 5

one | City Hall Square | 02201

Set Sibling's School | Add another child

Next

Register

Once a student's list of schools has been chosen, registration begins

Kwaliteitsdata Basisonderwijs Amsterdam

1. FILTER OP POSTCODE

Postcode

2. KIES KWALITEITSDATA

Kwaliteitswijzer data

Cito Score

Rendement

Eind Opbrengst

Inspectie Oordeel

Asscher Norm

Open data Kwaliteitswijzer Basisonderwijs Amsterdam by Topika

3. VERGLIJK DE SCHOLEN

School	Score	Rating
RK Basisschool De Achthoek	...	...
Oecumenische Basisschool Achtsprong	...	...
Admiraal De Ruyterschool	...	...
Al Wafa	...	...
Alberdingk Thijmschool Daltonschool	...	...

School choice...

- Boston (US): <http://www.discoverbps.org/>
- Holland: <http://schooltip.net/>
- Kenya: <http://findmyschool.co.ke/>
- Washington, DC (US): <http://school-chooser.herokuapp.com/>

And...

- Tanzania: <http://www.shule.info/>
- Chicago (US): <http://cpstiers.opencityapps.org/>
- Spain: <http://www.juntadeandalucia.es/>
- UK: <http://www.skillsroute.com/>
- Moldova: <http://afla.md/>
- New York City (US): <http://nyc-high-schools.findthebest.com/>

Twaweza ni sisi

Welcome To Find My School .Ke

Find My School is your platform to easily find the school for you in these three simple ways.

1. Location: Discover Schools Near You. Select a location on our interactive map and discover schools near you.

2. Exam Scores: Which school would select you based on a given score. Using Performance and Placement Data from the Ministry of Education we help find your most probable Secondary School placement.

3. Search Results: Enter the School Name and Hit Enter. Search schools' KCPE and KCSE results.

By Exam Scores

Find a Secondary School based on a given score in the final exam. Simply select the County your Primary School is in and your KCPE marks and let us do the rest.

Select Your County

400 out of 500

Find My School

Search Results

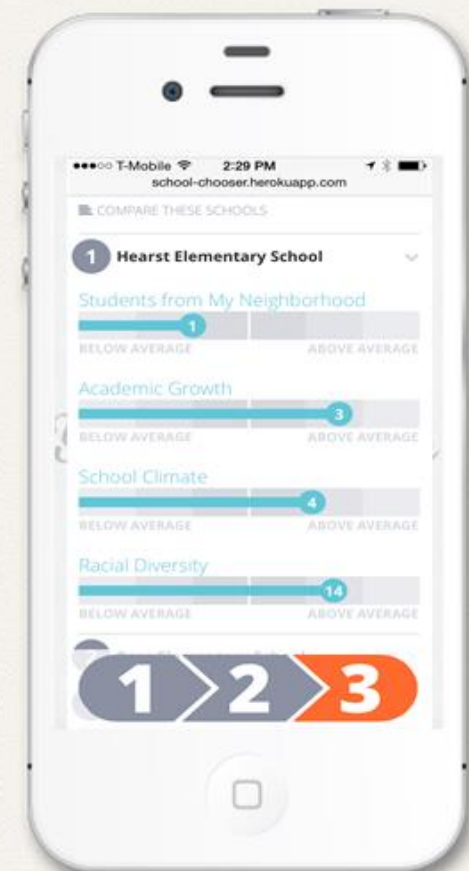
Find a school's exam results by entering the name and hitting 'Search'.

Search Schools...

Search

Share FMS.Ke

Twitter Facebook Google+

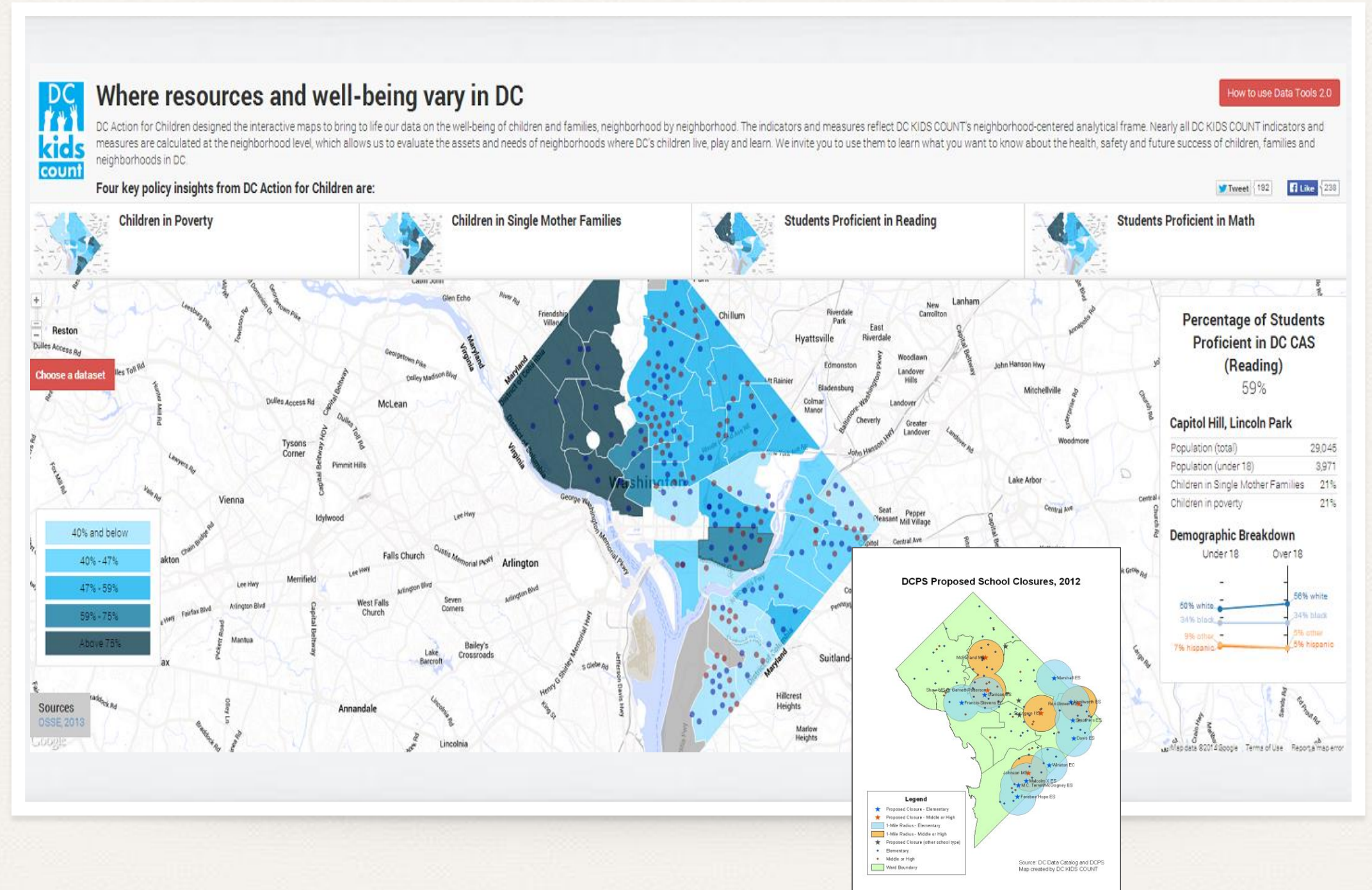


Advocacy

DC Action for Children

- Build tools and analyses used by DC Council, agencies, and NGOs to provide services for children and make policy decisions
- Organize a team of volunteers to create maps and visualizations that support advocacy efforts for NGOs and community organizations

<http://www.dcactionforchildren.org/>



Resource sharing among educators

Learning Registry

- 500 content contributors
- Paid and free content accessible to educators and caregivers
- Potential for greater impact relies on teachers accessing, promoting and expert curation, so best resources rise to top
- Long-term viability and sustainability rely on decentralized ownership by states, districts

<http://learningregistry.org/>

The Learning Registry website features a clean, professional design. At the top, the logo "learning registry" is displayed in blue and green, with the tagline "sharing what we know" below it. A navigation bar includes links for HOME, PARTNERS, PUBLISHERS, DEVELOPERS, EDUCATORS, and NEWS & EVENTS. On the right, it states "Currently 421,003 Learning resources registered".

The main content area features a mission statement: "The **learning registry** is a new approach to capturing, connecting and sharing data about learning resources available online with the goal of making it easier for educators and students to access the rich content available in our ever-expanding digital universe."

Below the text is a diagram illustrating the Learning Registry's workflow. It is divided into four colored boxes: "universe of digital resources" (red), "metadata" (blue), "tools & apps" (green), and "lessons" (purple). Arrows show the flow from resources to metadata (labeled "Standard 3.2" and "★★★★★"), then to tools & apps (labeled "Geography"), and finally to lessons (labeled "Geography").

On the right side, there is a "FEATURED RESOURCE" section for "Pythagorean Theorem" by "Khan Academy". Below this is a "CONTRIBUTORS" section listing "ADL 3D Repository".

Data Literacy

TuvaLabs

- Increasing demand for data scientists (across industries) – Burtchworks Study
- Projections of US shortage of 140-190K employees w/ deep analytical skills by – McKinsey Global Institute
- Enables teachers to bring relevant and engaging topics into their classrooms; critical local and community issues
- Used by hundreds of teachers (and their students) across 19 countries

<https://tuvalabs.com/>

The screenshot shows the TuvaLabs website interface. At the top, there's a navigation bar with the TuvaLabs logo, links for 'Find Resources', 'Datasets', 'Ask', and 'Support', a search bar, and 'Sign In' and 'Sign Up' buttons. The main content area features a grid of six topic tiles: 'Civics' (with a bar chart), 'Science' (with a group of students), 'Statistics' (with a hand holding a calculator), 'History' (with a historical scene), and 'Health' (with a person on a balance ball). A large text block on the right reads 'Data Literacy Skills for a Brighter Future' followed by the mission statement: 'Empower your students to think critically about data, ask meaningful questions, and communicate their conclusions.' Below this are 'Teacher Sign Up' and 'Student Sign Up' buttons. At the bottom, three columns highlight key benefits: 'Enable Critical Thinking & Reasoning With Data', 'Transition to the Common Core Standards', and 'Bring Local & Global Issues Into the Classroom'.

TuvaLABS^β Find Resources Datasets Ask Support Search for datasets and activities Sign In Sign Up

Data Literacy Skills for a Brighter Future

Empower your students to think critically about data, ask meaningful questions, and communicate their conclusions.

Teacher Sign Up Student Sign Up

Enable Critical Thinking & Reasoning With Data
Enable your students to think critically about real data, ask meaningful questions, make evidence-based conclusions, and

Transition to the Common Core Standards
Conduct inquiry-based activities and lessons in Math, Science, and Social Studies topics aligned to the Common Core Content and

Bring Local & Global Issues Into the Classroom
Empower your students to acquire the knowledge, and skills to become active members of their own communities and

Policy design

DC's Boundary Review Process

- Citizen and stakeholder engagement to support city-wide policy change
- [Map](#) by Washington Post reflects changes to student assignment
- Our DC Schools
 - 50 pages of policy translated into a 7 question survey
 - 400 participants reached via face to face session; 4000 participants reached via ourdcschools.org
 - All data collected (except that which compromised privacy) was [published as open data](#) then [analyzed](#) by others

<http://ourdcschools.org/>

Home
Proposed School (Bancroft ES)
Proposed School Boundary
Current School (H D Cooke ES)
Current School Boundary

The Advisory Committee says, "Current boundary fails to encompass neighborhood barrier at Harvard St. Participation rate moderate at 47%; but building has little capacity available. Additional blocks added to the south absorb a bit of HD Cooke boundary where population growth is expected."

What's the big picture? The Washington Post created an [interactive map](#) illustrating all of the boundary changes for the entire city.

What do you think?

Five smiley face icons for feedback: sad, frowny, neutral, happy, and very happy.

ourDCschools
student assignment unpacked.

an initiative of
CODE FOR DC

Policy implementation

Education Reform Moldova

- Engagement of students and parents with school authorities to address **budget allocation** of primary, and secondary schools
- Monitor education services in 100 Moldovan schools
- Public hearings, community cards, independent budget analyses

<http://www.thegpsa.org/sa>

**GLOBAL
PARTNERSHIP FOR
SOCIAL
ACCOUNTABILITY**

Enter search terms

Twitter icon | + SHARE

HOME | ABOUT | FUNDING | KNOWLEDGE | PROJECTS | PARTNERS | NEWS

Home » Projects » Improving the Quality of Education from Primary to Upper Secondary Schools

IMPROVING THE QUALITY OF EDUCATION FROM PRIMARY TO UPPER SECONDARY SCHOOLS



The GPSA is supporting the EXPERT GRUP to monitor education services in 100 Moldovan schools by facilitating the engagement of students and parents with school authorities to address budget allocation of primary, secondary, general and upper secondary schools.

The service quality data will be shared with local and national authorities, including the Ministry of Education, to monitor the impact of recent reforms and to inform policy-making in the sector.

Year: 2013
Country(s): Moldova



Social Impact in Development

Re-defining Development

Ecosystem Dependent

- Access to data
- Communities of problem 'experts', data experts, technologists, and journalists: 'Code for', Hacks/Hackers chapters, etc
- Thinking beyond transparency and accountability
- How is open data translating to actual solutions and benefits for people? (vs governments, institutions)



Uses of Open Data in Development

Survey, Research and Hangouts

World Bank and Inter-American Development Bank research.

- <http://blogs.worldbank.org/opendata/open-data-making-good-promise-turbo-boosted-development>

Collecting cases via online survey (to be made open)

- <http://bit.ly/OpenDataOps>

Series of Google Hangouts this summer, starting with Friday, July 25 @ 10:30 AM EST

- <https://plus.google.com/event/s/c9p4dfsth93jmh8olt9atglhhs0>

Google Trends

Interest over time. Web Search. Worldwide, 2004 - present.



View full report in [Google Trends](#)

Contact:

- Sam Lee, World Bank: @OpenNotion
- Antonio Moneo, Inter-American Development Bank: @AntonioMoneo

Promising Innovations

People as a platform

- DIY SmartCity – transportation
- Media as a social service
- Community-driven advocacy

DIY SmartCity - transportation

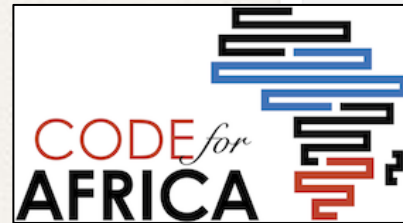


Collect Data,
Create infrastructure

- Dromos - Ecuador: <http://bumultimedia.com/dromos>
- YourBus - India: <http://www.yourbus.in/>
- Tsaboin - Nigeria: <https://www.tsaboin.com/>
- Prossess – Nigeria: <http://www.prossess.com/#home>

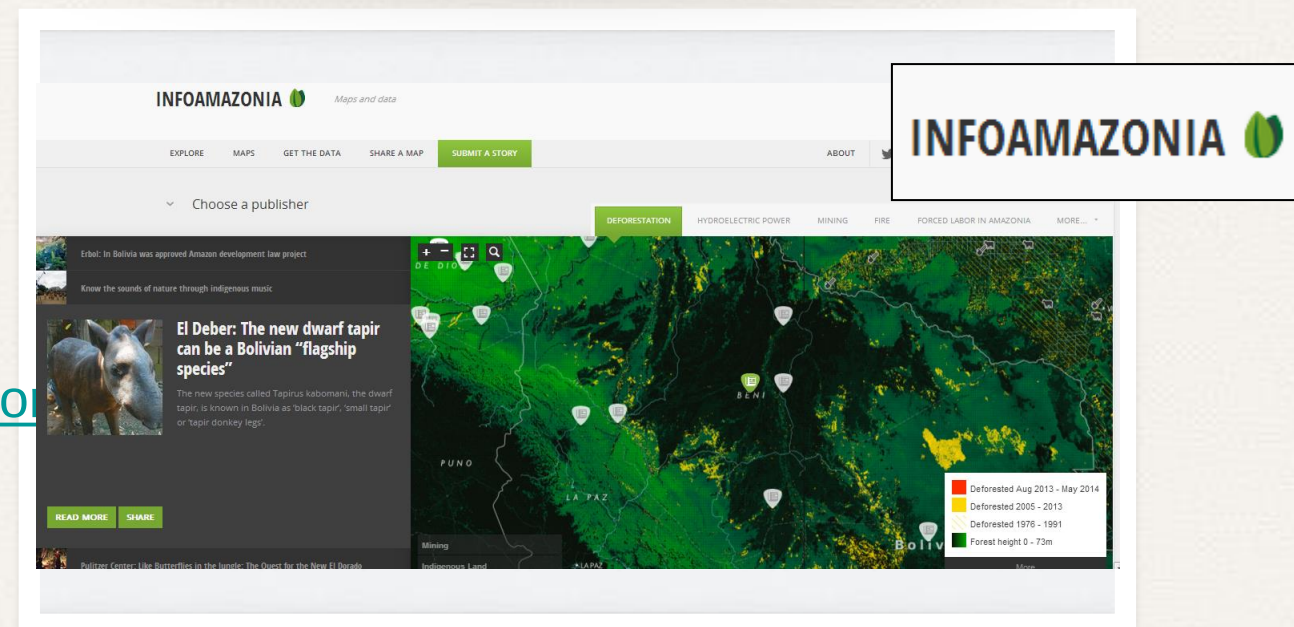


Media as a social service

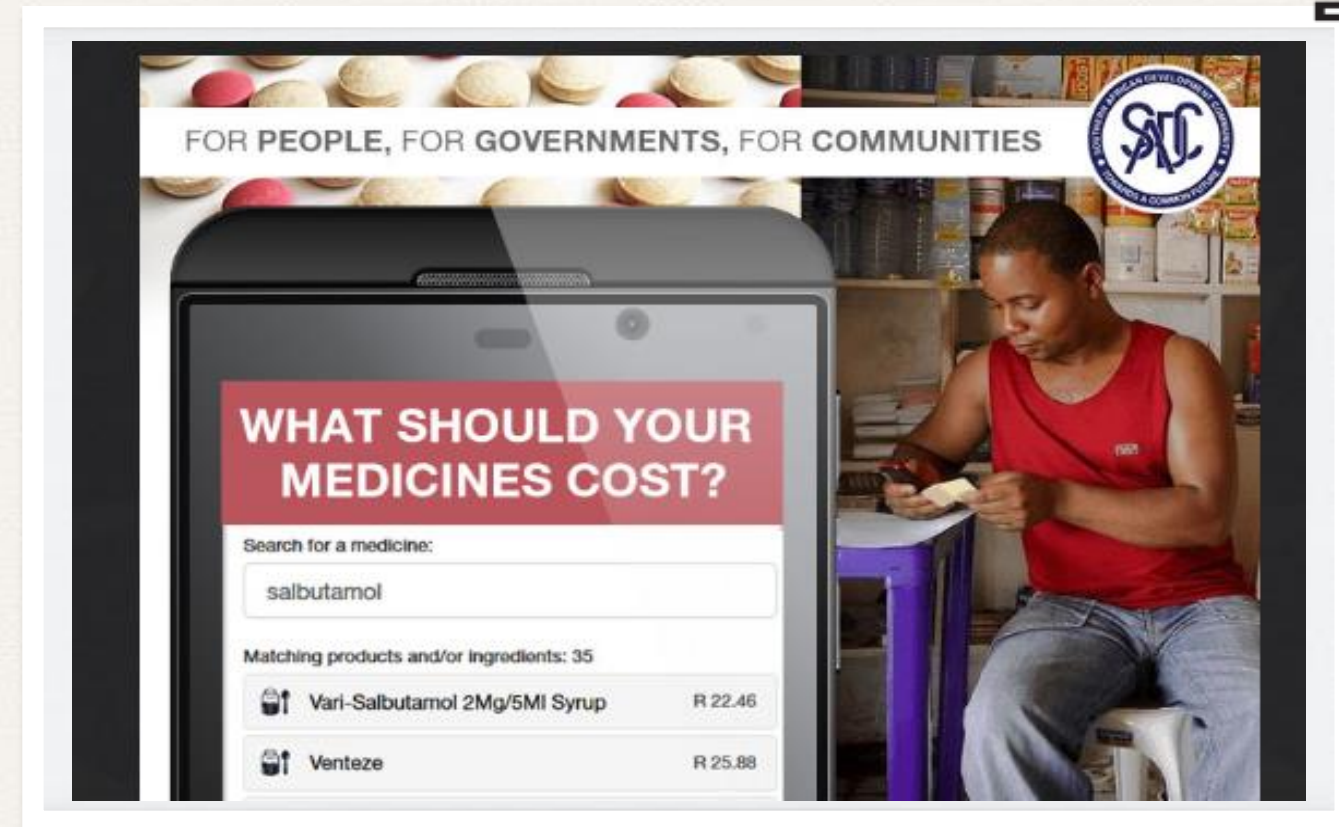


Personalized and actionable news

- Malawi Election Information Centre: <http://malawivote2014.org/>
- Mutualistas - Uruguay: <http://mutualistas.datauy.org/>
- InfoAmazonia - Brazil: <http://infoamazonia.org/>



Community-driven advocacy



Collect data, raise awareness

- Follow the Money - Nigeria:
<http://www.followthemoneyng.org/>
- Medicine Price Registry – South Africa:
<http://mpr.code4sa.org/>

Looking ahead

It's not about open data...

- It's about solving problems; it's about getting help from the broader community to get to the solutions; it's about helping ourselves
- Citizen engagement means nothing without transparency; need to include 'open' components as part of design of government, NGO, community, development, etc.
- Help the World Bank articulate how to measure the benefits of open data:
 - Share your work: <http://blogs.worldbank.org/opendata/open-data-making-good-promise-turbo-boosted-development>
 - Join the discussion: <http://blogs.worldbank.org/ic4d/open-data-goldmine-development?hootPostID=75d7ecf9d964987a0fe181857a318098>

- Thank you -

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