Open Data & Open Government: Driving Innovation
Caribbean Growth Forum

Kingston, Jamaica  18 June 2012

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Innovation Economy Leaders

Emerging countries can and are becoming digital leaders and positioning themselves as key parts of the global Innovation Economy.
Innovation Economy:

There will be hubs among the Caribbean’s Innovation Economies. The only question: Where will they be?
In Search of a Comparative Advantage

Today, networks create competitive advantage as much as size.

Open Government and Open Data create networks of collaboration and co-creation that produce real economic impact and innovations.
Open Data and the Apps Economy

Open Data lowers costs of raw materials for building apps

Apps Economy in U.S. now employs > 450,000 people ... It was zero in 2007.  (TechNet 2012 study)
The Value of Open Government

• Open Data leads to job creation on both supply and demand sides. Digitization of paper documents generate micro-works while increased open data produces more startups and work for developers.

• Open data could add > $35 million per year to Jamaica’s economy and > $15 billion per year for Latin America+Caribbean. (EU study)

• Australia study: $5 of value for every $1 spent to open data
Weather data: Open data from US National Weather Service supports a private weather industry worth over $1.5 billion per year.
The Value of Open Government

Open Government & Open Data produce real social value for citizens.
LAPOR! -- Set up by Indonesia’s Presidential Unit for Supervision & Control to enable citizens to monitor and verify public service delivery in real time.

Government uses this citizen feedback to improve service delivery and allocation of resources for various sectors such as education, health, even defense.
TRAC FM - Uganda: Launched in May 2011. Uses combination of radio + SMS (old and new ICT) to crowdsource public feedback
• NGOs in Slovakia used open data to create website enabling people to see the total value of government contracts associated with any person or company.

• Another Slovakia site -- [http://www.otvorenezmluvy.sk](http://www.otvorenezmluvy.sk) -- shows data on government contracts by individual contract.
Fuel for Innovation
The Value of Open Data

Open data drives a huge real estate information market
The Value of Open Data

Price History

<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
<th>Price</th>
<th>Change</th>
<th>$/sqft</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>03/31/2012</td>
<td>Listed for sale</td>
<td>$311,000</td>
<td>98.1%</td>
<td>$232</td>
<td>Weichert Realtors</td>
</tr>
<tr>
<td>08/17/1998</td>
<td>Sold</td>
<td>$157,000</td>
<td>—</td>
<td>$117</td>
<td>Public Record</td>
</tr>
</tbody>
</table>

Nearby Similar Sales

- **4551 Casablanca Ct, Annandale, VA 22003**
  - Sold on 10/18/2011: $300,000
  - Beds: 4
  - Sqft: 1920
  - Lot: 1519
  - Built: 1973

- **4421 Elan Ct, Annandale, VA 22003**
  - Sold on 3/5/2012: $313,000
  - Beds: 4
  - Sqft: 1588
  - Lot: 2699
  - Built: 1973

- **7423 Jayhawk St, Annandale, VA 22003**
  - Sold on 11/10/2011: $340,000
  - Beds: 3
  - Sqft: 1540
  - Lot: 1759
  - Built: 1973

7452 Zanuck Ct
- **For Sale:** $311,000
- Zestimate®: $295,500
- Est. Mortgage: $1,166/mo

- **Address:** Annandale, VA 22003
- **Beds:** 3
- **Baths:** 3.5
- **Sqft:** 1,340
- **Lot:** 1,520 sq ft / 0.03 acres
- **Type:** Townhouse
- **Year built:** 1974
- **Last sold:** Aug 1998 for $157,000
- **Parking:** –
- **Cooling:** –
- **Heating:** Forced air, Heat pump
- **Fireplace:** Yes
- **On Zillow:** 3 days
The Value of Open Data

Zillow now generates over $60 million in annual revenues and has market capitalization over US$1 billion.
HospitalCompare (US Department of Health & Human Services) enables comparison of hospital performance and services based on open data + customer feedback.
Start Creating Value from Open Gov & Open Data

- Leverage what already exists -- citizen engagement, data, partnerships, problems. What citizen engagement already exists? What data is already available?

- Apps that meet agency priorities = more sustainable apps / e-services

- Open Data should start with demand ... Create a process for identifying demand for data, both outside and inside government

- Invest in co-creation: connect users (agencies, academia, non-profits, media) with developers and private sector through hackathons, competitions, TechCamps

- Turning data into apps and visualizations like maps is essential to unlock value for people
Government

Your iPhone gets better with every new app.
Take Home Message
(Questions)

If governments are willing to be active partners in an ecosystem - willing to invest, experiment and even fail (on a small scale) – they will see innovations spring from their Open Government and Open Data efforts

• If you could have 1 dataset from government, what would it be?
• If you could give feedback to improve 1 government service, which one would it be?