

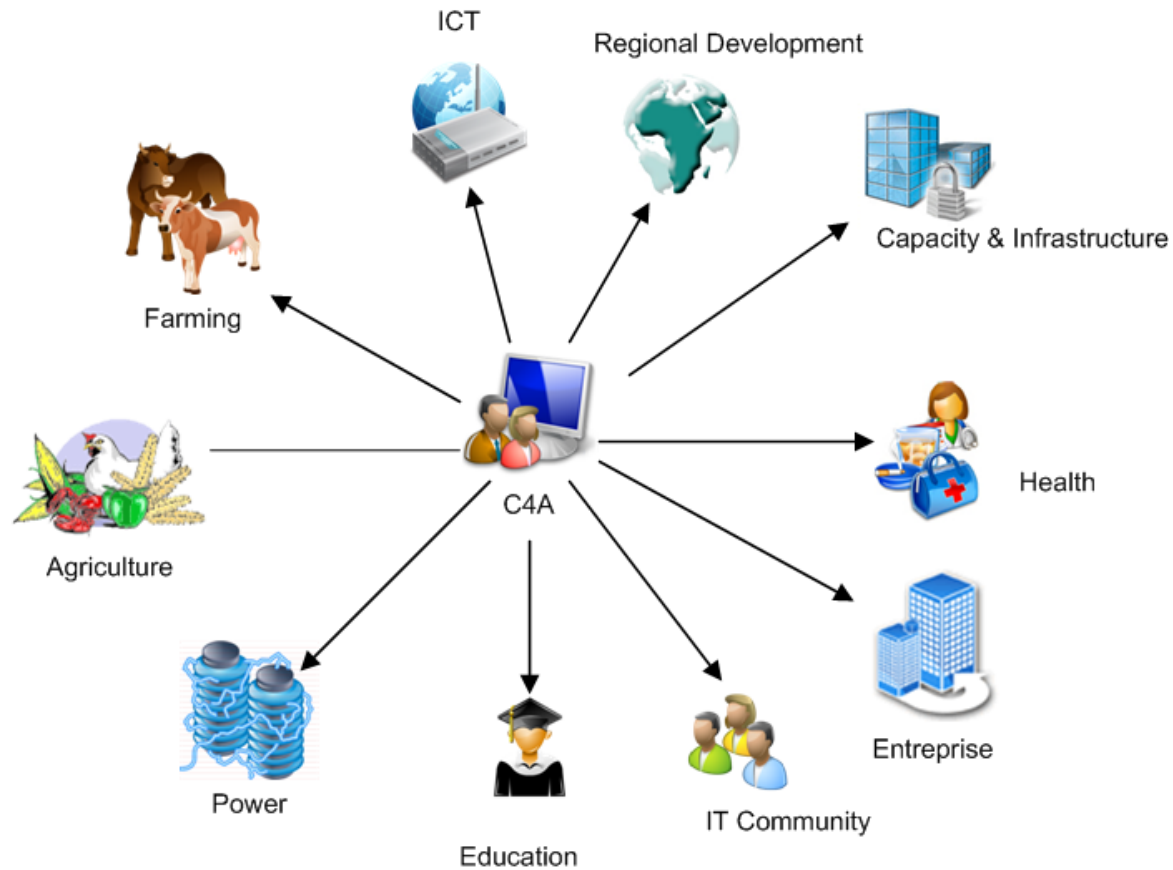
# Open Data

*From The Coder Perspective*  
*by*



**2012 International Open Government Data Conference**  
***July 10<sup>th</sup> 11<sup>th</sup> 2012***

# Ecosystem with coders at the center



# Software Developers role in Open Data I

Create the actual open data software (often web-based portal)

Importance of software developers who bring in that extra layer of value added services that make data more visible to a broader set of stakeholders

# Software Developers role in Open Data II

Extend open data solutions by leveraging its Open API and create offshoot applications in two formats:

- Data distribution to a specific audience (i.e.: MyWarming.org from opendata.org of the world bank)
- Data collection (i.e.: Urban Poverty Intelligence dashboard –uPID from a Rockefeller Foundation competition on Decoding Data)

# Issues faced by Open Data Project owner

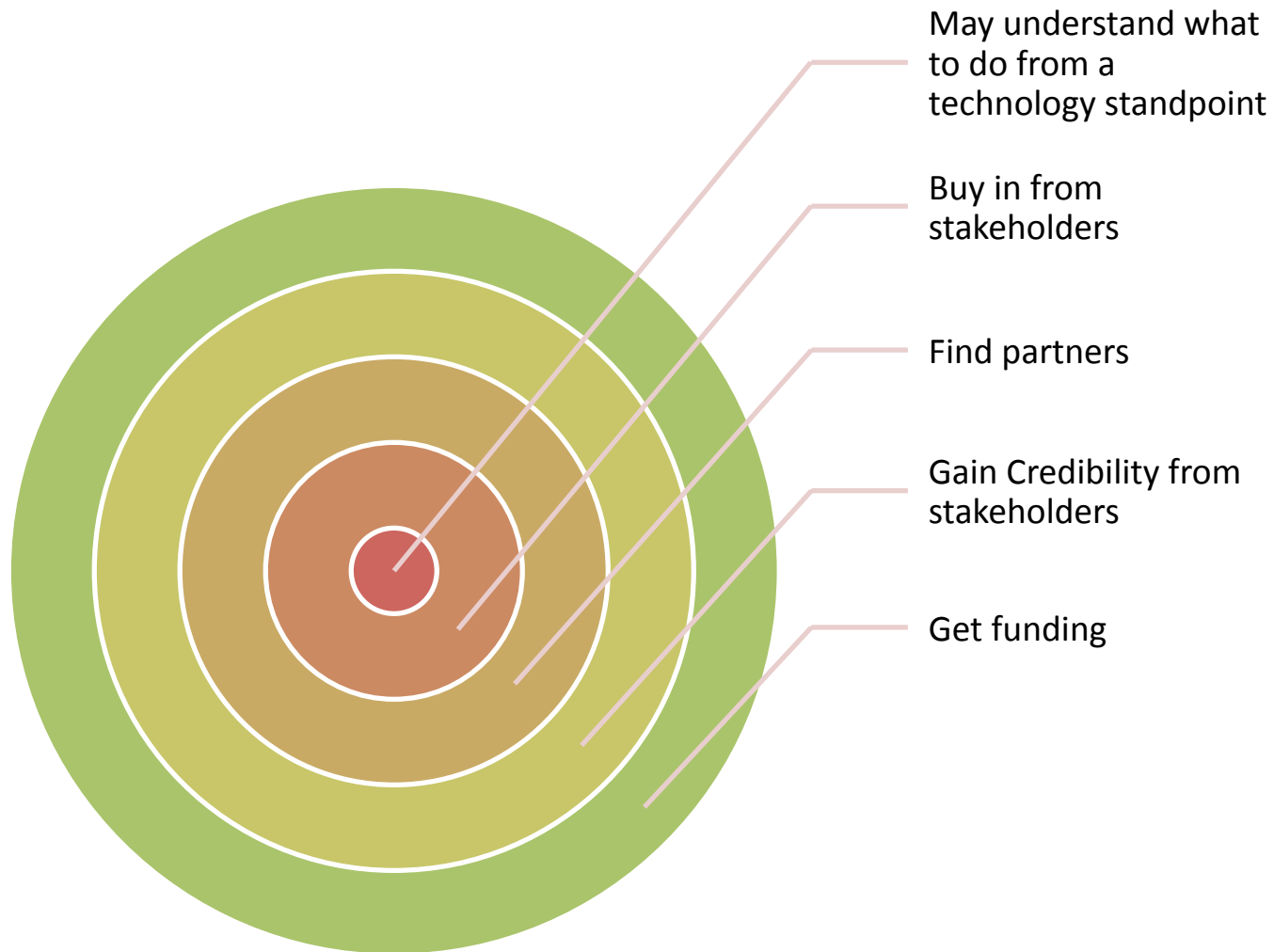
Coders often absent at the very early stage of open data project

There may be technical challenges that may not be considered by product owner

Finding the right developers

Getting developers to use the product API after deployment

# Issues faced by coders when taking on their Open Data Projects



## Coders4frica Current Open Data Project initiatives

OpenDataDakar

OpenDataAccra

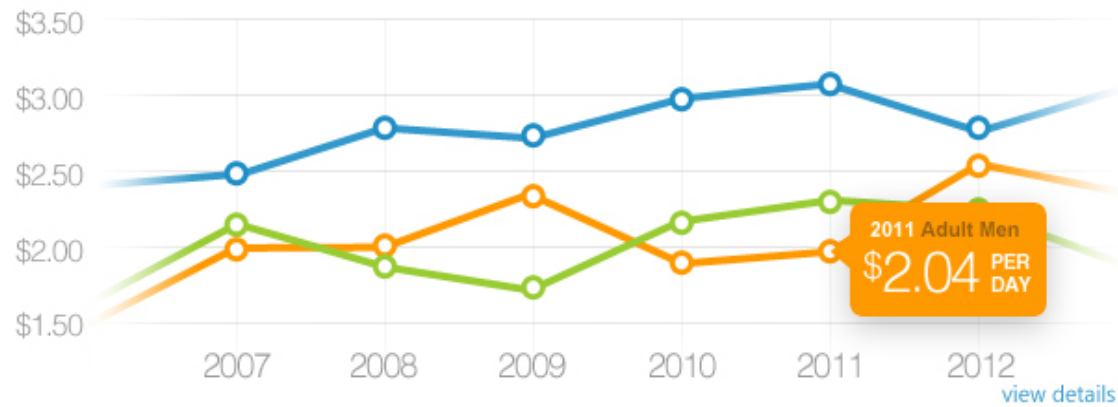
OpenDataNairobi

Urban Poverty Intelligence Dashboard uPID (Rockefeller foundation competition)

## poverty trends

map **chart** list

**Income Household** Income Men Income Women



## incoming alerts

Submit Alert

Alert	Zone	Time	Content
04	B 46	11.04AM	Need for resources at St. Martin's Church Location
02	C 06	01.26PM	Provide Clean Water
03	F 32	1.36 PM	Need Assistance with homeless at shelter
09	B 6	2.41PM	Electricity Out
04	D 78	3.12PM	Fire Smell
04	B 46	11.04AM	Need for resources at St. Martin's Church Location
02	C 06	01.26PM	Provide Clean Water
03	F 32	1.36 PM	Need Assistance with homeless at shelter

[view details >](#)

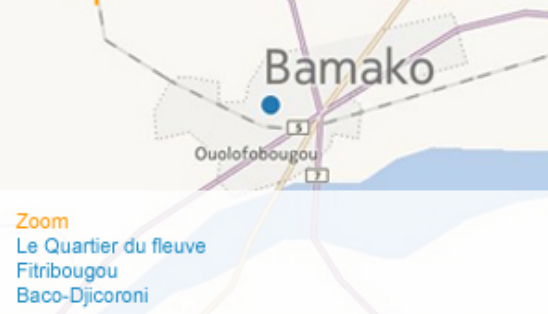
## open data reports

Report Name	Modified
<a href="#">Water Quality Index - Municipal Report</a>	04/16/2012
<a href="#">Sanitation Conditions - Regional</a>	03/01/2012
<a href="#">Health and Disease Statistics 2007-2011</a>	02/22/2012
<a href="#">Average Income and Employment Stats</a>	02/16/2012
<a href="#">Regional Climate Conditions Outlook</a>	01/30/2012
<a href="#">Annual Industrial Report 2011</a>	01/10/2012

[view details >](#)

## map

map **chart** list



## resources

list **chart**

Fire Department	▼	5,543.23	60
Emergency Medical Services	▼	1,462.011	12
Police	▲	978.03	23
Corrections	▲	920.98	14
Service Industry	▼	714.01	6
Emergency Medical Services	▲	1,462.01	12

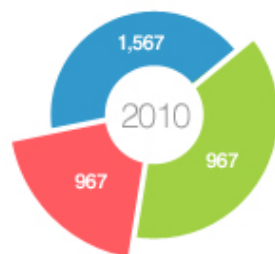
[view details >](#)



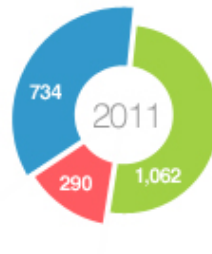
## incident trends

map **chart** list

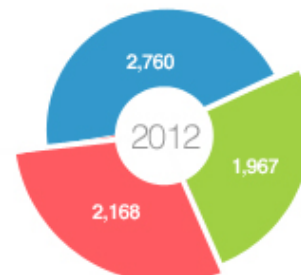
All Crimes EMS Incidents **Natural Causes**



TOTAL INCIDENTS:  
3,247



TOTAL INCIDENTS:  
2,081



TOTAL INCIDENTS:  
6,018

[view details](#)

## incoming alerts

Submit Alert

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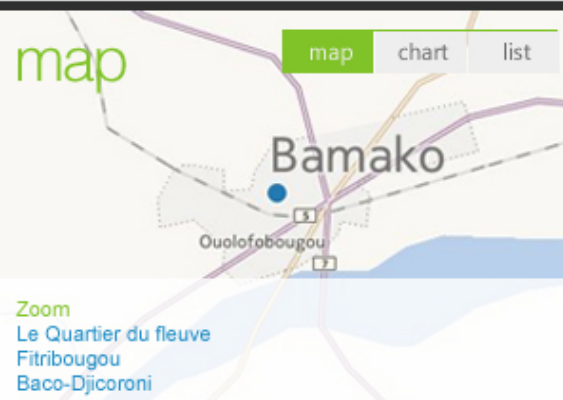
## crime reports

Report Name	Modified
<a href="#">Water Quality Index - Municipal Report</a>	04/16/2012
<a href="#">Sanitation Conditions - Regional</a>	03/01/2012
<a href="#">Health and Disease Statistics 2007-2011</a>	02/22/2012
<a href="#">Average Income and Employment Stats</a>	02/16/2012
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<a href="#">Annual Industrial Report 2011</a>	01/10/2012

[view details](#)

## map

map **chart** list



Zoom  
Le Quartier du fleuve  
Fitribougou  
Baco-Djicoroni

## resources

list **chart**

Fire Department	▼	5,543.23	60
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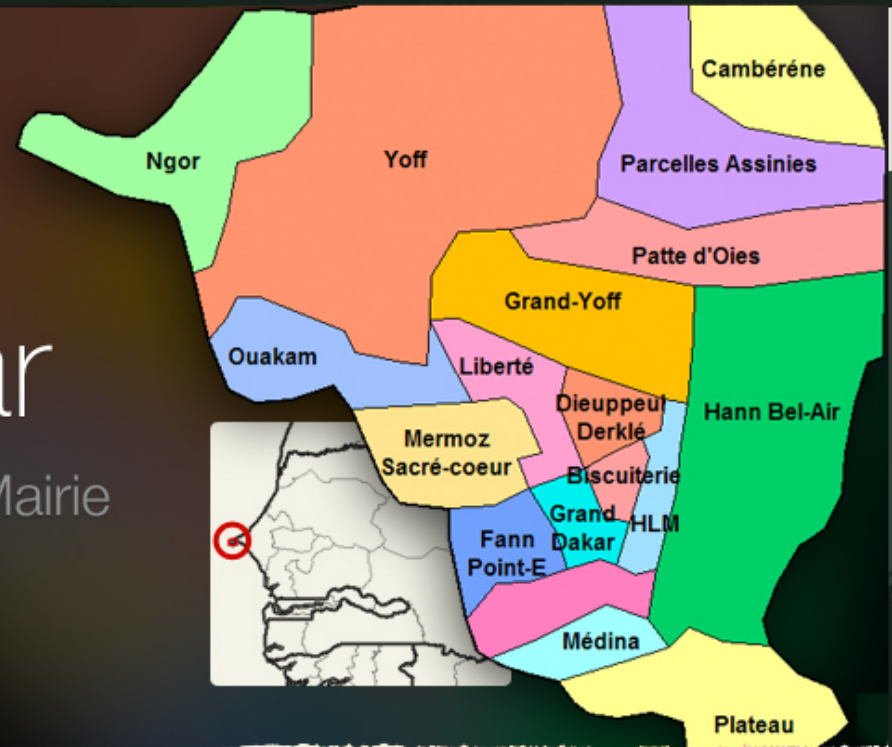
# Open Data Dakar



DONNÉES  
OUVERTES  
DAKAR

## Transformer le visage de Dakar

Connection entre Citoyens, Ville et Mairie



**Bienvenue sur le premier portail de  
données ouverte pour la ville de  
Dakar**

Il est temps que Dakar ouvre ses données aux citoyens  
Sénégalais qu'ils se trouvent à Dakar ou à travers le monde.  
Ces données libres et ouvertes vont créer de nouvelles  
opportunités et contribuer à accélérer le développement



# Open Data Developer Network (ODDN)

Same way that  
Microsoft, Google, APPLE  
and IBM .. Have their  
developer networks for  
their suite of products



We should create a  
Developer Network for  
Open Data