

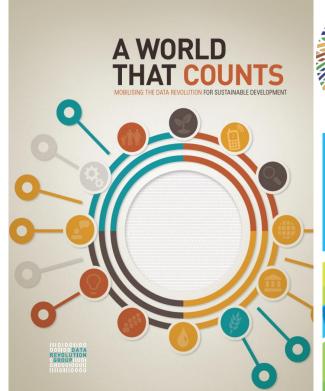
bring the code to the data

Open Algorithms (OPAL) Project

The Law, Politics and Ethics of Cell Phone Data Analytics

April 2015















World politics Business &

conom

Ebola and big data

Waiting on hold

Mobile-phone records would help combat the Ebola epidem them has proved hard

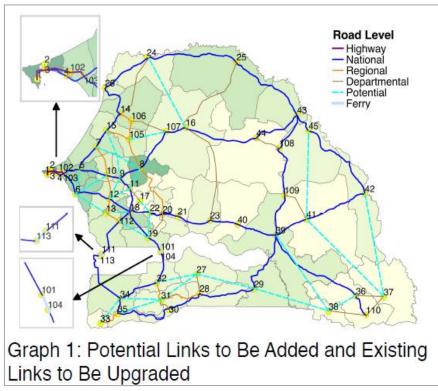
Oct 25th 2014 | From the print edition





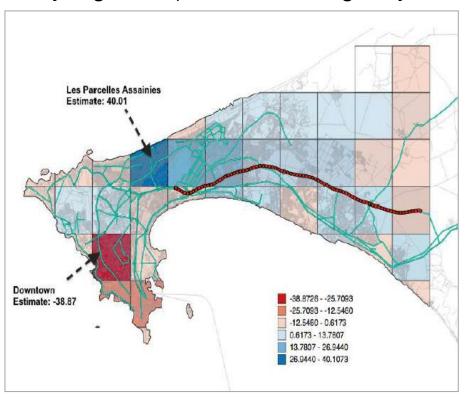
### Mobility

#### Optimizing a road network



Erik de Romph, Yihong Wang, Department of Transport and Planning, Faculty of Civil Engineering and Geosciences, Delft University of Technology

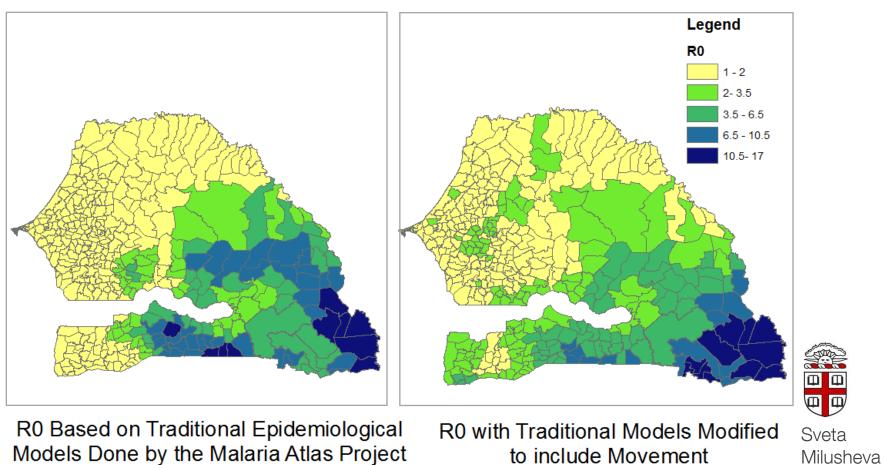
#### Analysing the impact of a new highway

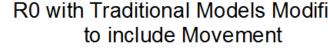


Fetzer, Thiemo, London School of Economics (Lead Author), Sy, Amadou, Brookings Institution, Arezki, Rabah and Chan-Lau, Jorge, IMF



### Disease Modeling



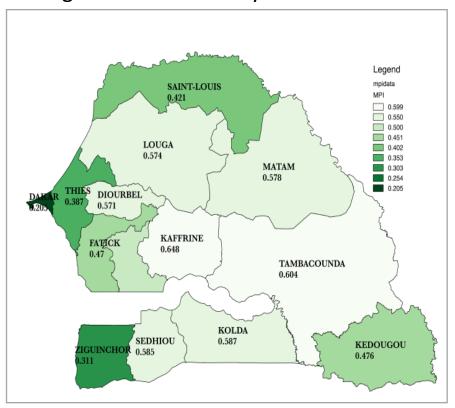


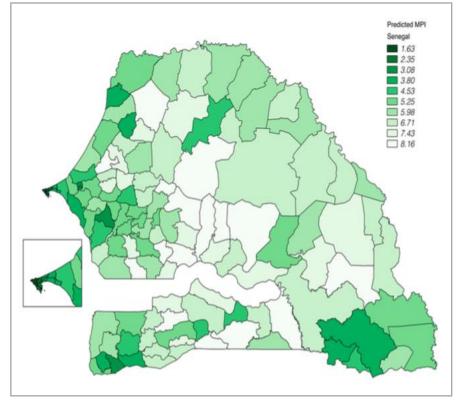


### Proxies of poverty index

#### Going from a field survey

### ...to a fresher, and more granular proxy



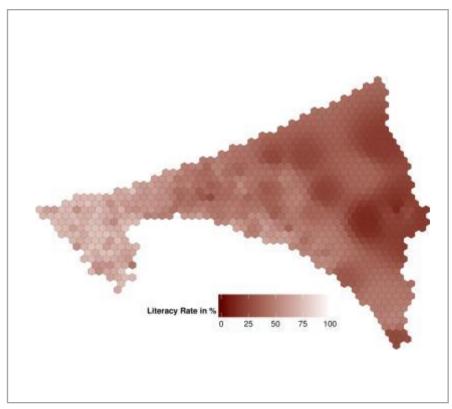


Neeti Pokhriyal, Buffalo University, NY currenlty deepening the analysis with ANSD in Senegal.



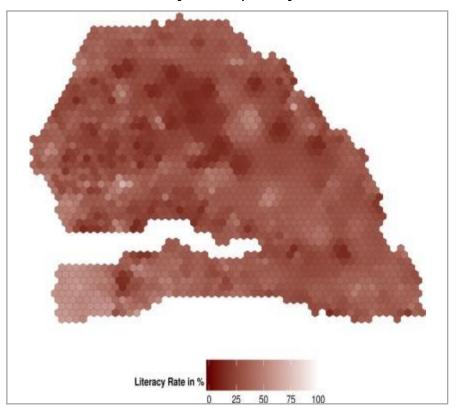
### Proxies for Literacy rate

#### Dakar Literacy rate proxy

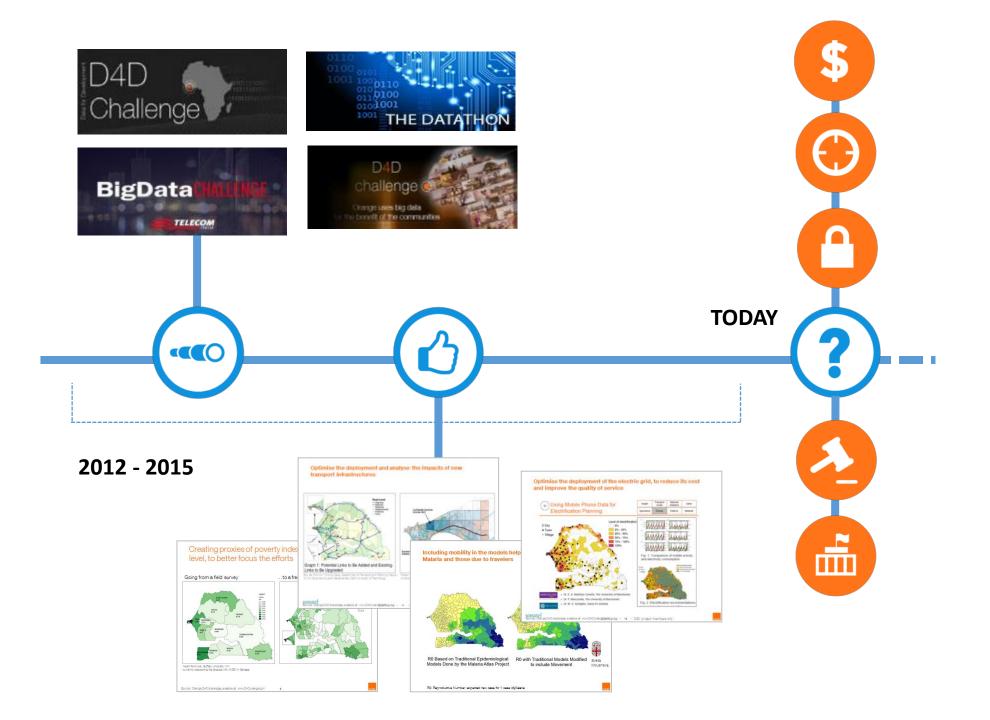


Till Zbiranski, Fabina Bruckschein Univ Berlin for ANSD in Senegal.

### National Literacy rate proxy









bring the code to the data

OPAL platform **unlocks** the potential of private data for **public good** in a privacy-conscientious, scalable, socially and economically sustainable manner.

### **Privacy**



**Individuals** 

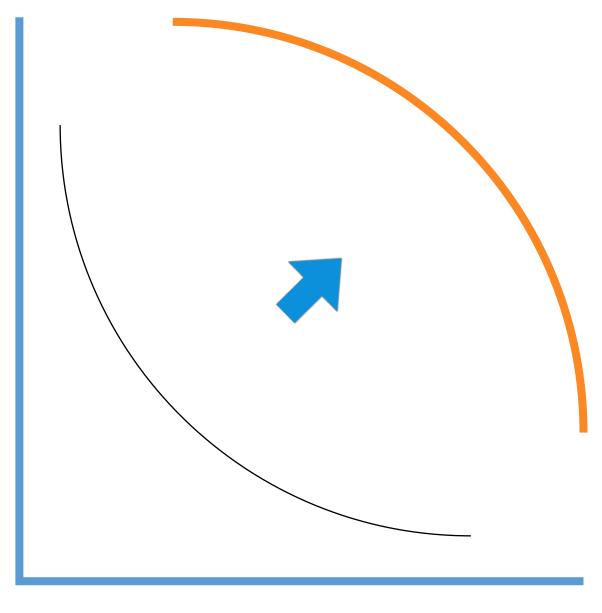


**Society** 

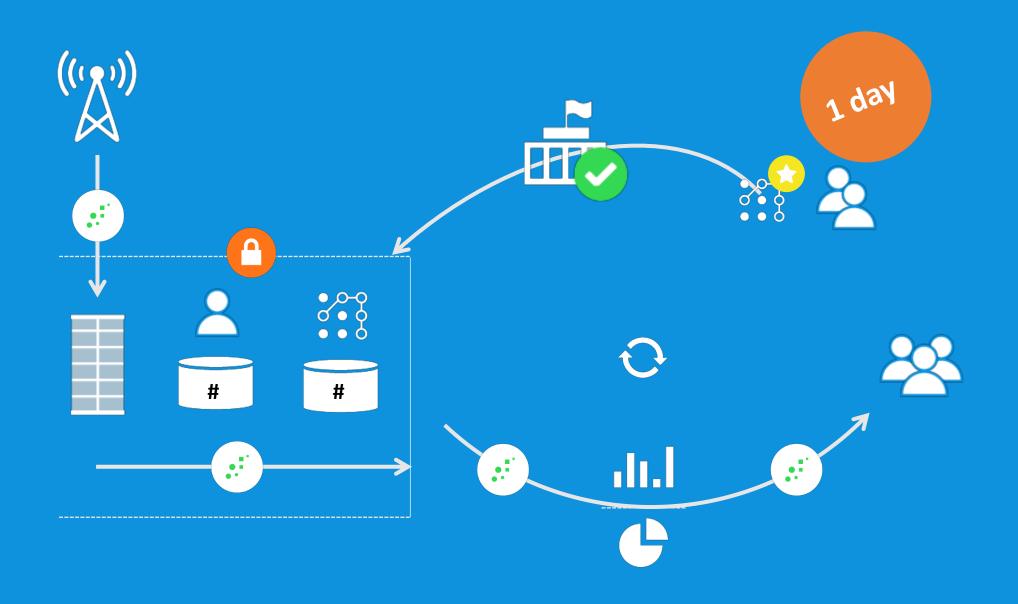


**Commercial** (Data donor)









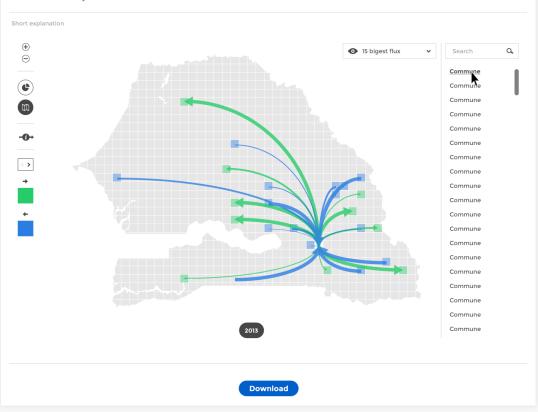
**Tomorrow with OPAL** 

OPAL project - 2016/2017

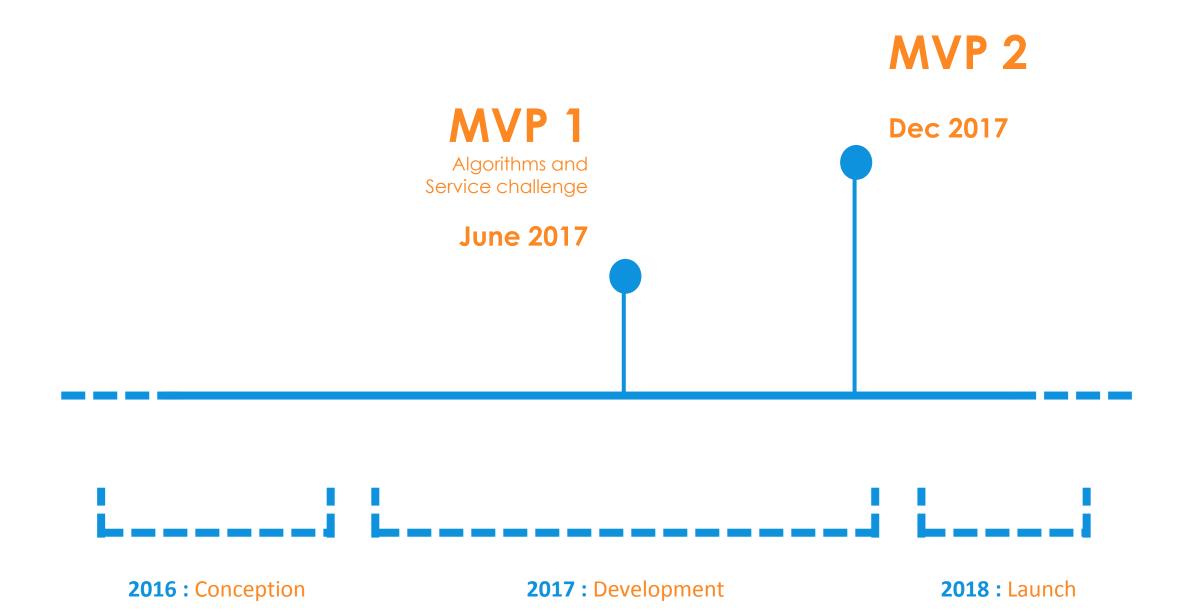
#### **OPAL'S ANSWER**

Subtitle - shorttfo about data type

- Lorem ipsum dolor sit amet, consectetur adipiscing elit.
- Aenean convallis tortor vitae purus suscipit, nec lobortis urna
- Tincidunt mauris in justo non eros interdum vehicula a a nunc.
- Lorem ipsum dolor sit amet, consectetur adipiscing elit.
- Aenean convallis tortor vitae purus suscipit, nec lobortis urna
- tincidunt mauris in justo non eros interdum vehicula a a nunc.







## OPAL Senegal is about to get started...

- Sonatel confirmed is decision to launch D4D/OPAL as a service
- AfD and World Bank funding is in progress, requiring Ministry expression of interest
- Just starting to identify local actors to involve in Senegal,
  - Local key actors for User Needs and platform Design
  - Local Project Manager (looking for candidates )
  - Local Advisory Board (First discussion to be held next month)
  - Local developpers interested to develop Data services (grass roots up to mid-size SME)
  - Local Institutions and business interested to become end-users (Expression of interest)
  - aiming at a 1st workshop early Nov
- Preliminary Results and 1st Prototype being tested in Labs
  - Orange Labs, Telefonica, MIT-Imperial,...













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# Thank you

opalproject.org | #OPALproject