# For Government, OpenStreetMap is More than Excellent Data. It's a Transformation.

Mikel Maron @mikel

# This talk is not about

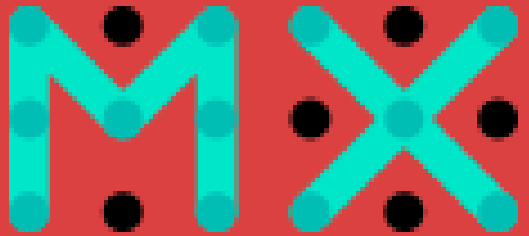
Hard questions of use

Domestic US use

Professionalization of OSM

# And is about

How government *may* be changing when exposed to OSM



# Government Innovation

Bureaucracy is real

taginfo | TAGS

Data from: 2015-06-05 23:59 UTC

English

## man_made=silo

A storage container for bulk material, often grains such as corn or wheat

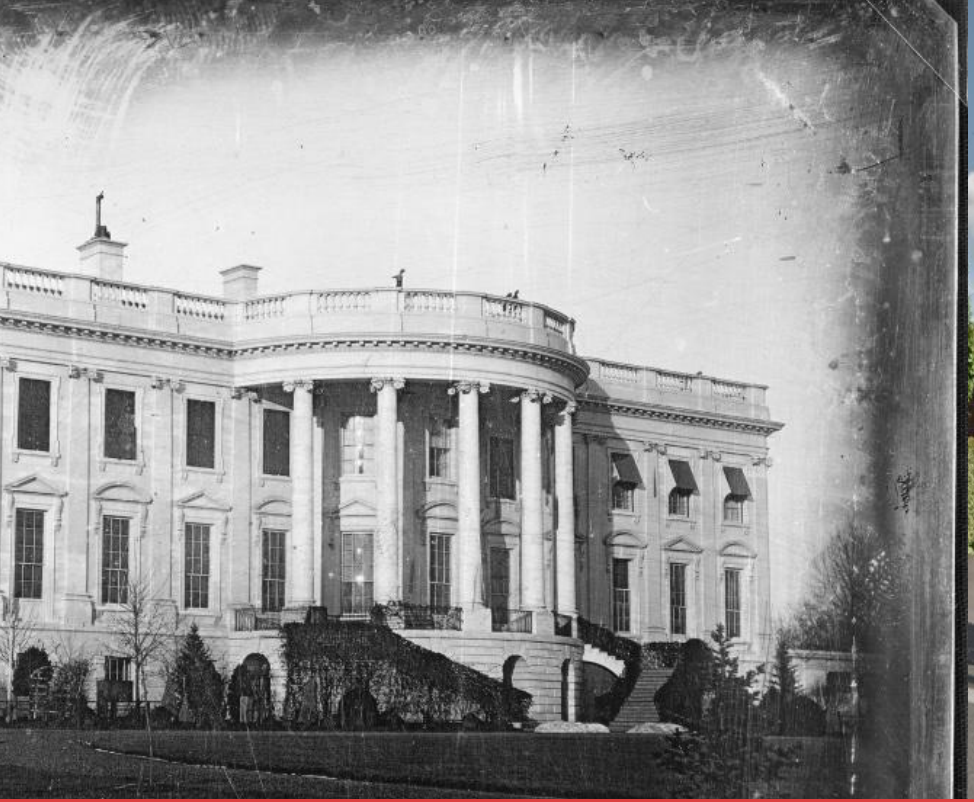
Comparison list (0 items) Filter: No filter

XAPI JOSM Level0 Editor overpass turbo

Overview | Combinations | Map | Wiki | Projects

### Geographical distribution of this tag

Silos are real



7 Shipton Road
Powells Close
180 Maney Hill Road
186 Maney Hi
Image capture: Sep 2012
© 2014 Google
Terms
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Report a problem

# Front doors

OpenStreetMap is People *before* Data

# … a Stable, Dynamic, Complex Network

OPEN CITIES

Missing Maps

MAP GIVE
Drawing Our Resources Together

HOT

PEACE CORPS

USAID
FROM THE AMERICAN PEOPLE

NATIONAL PARK SERVICE

USGS
science for a changing world

DEPARTMENT OF TRANSPORTATION
UNITED STATES OF AMERICA

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

# Supporting but *not* Controlling

# Humanitarian Information Unit

MAP GIVE
Drawing Our Resources Together

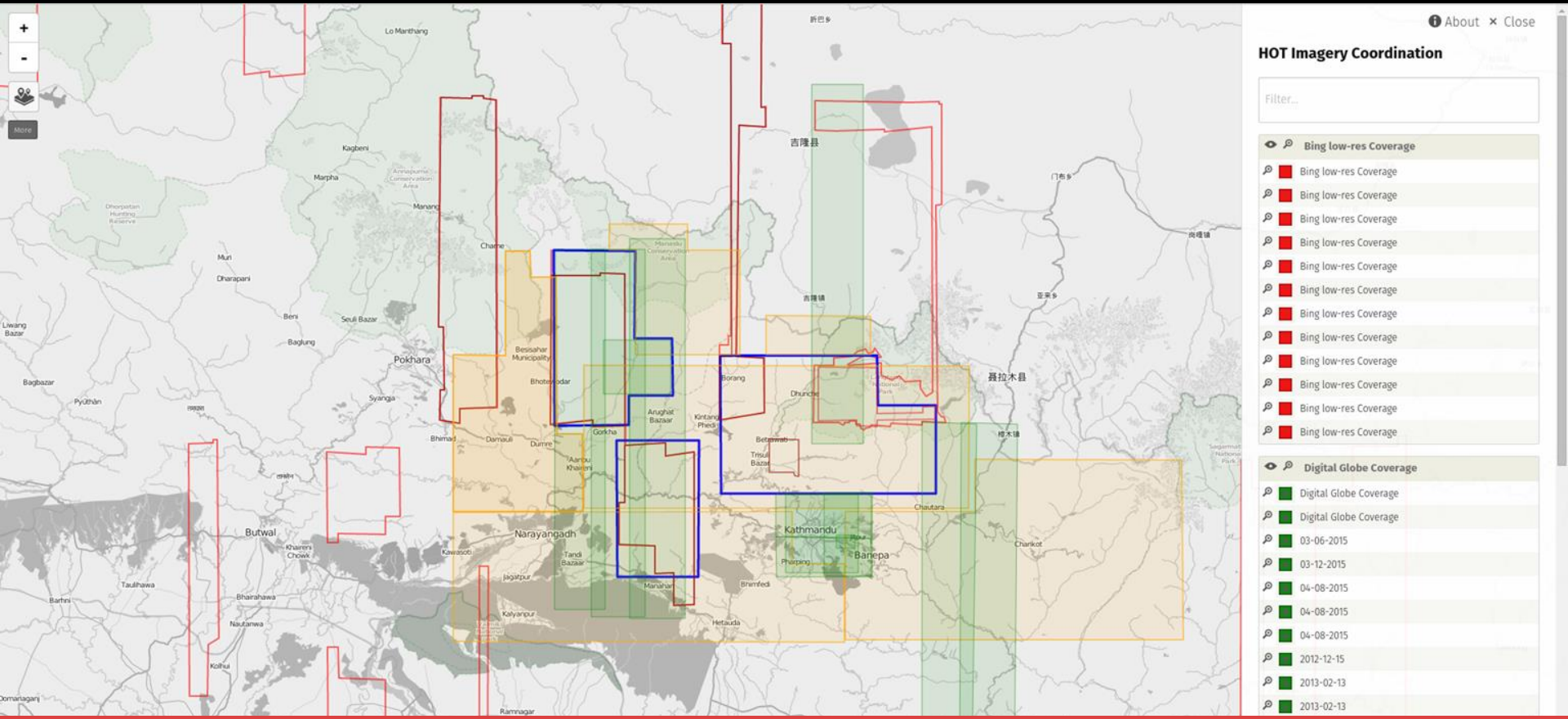
Why Map? About Open Mapping Learn to Map

# IMAGERY TO THE CROWD

Share

Imagery to the Crowd (ItC) is part of the State Department's Humanitarian Information Unit (HIU). The HIU provides information to decision-makers and partners in preparation for and response to humanitarian emergencies worldwide, promotes innovative technologies and best practices for humanitarian information

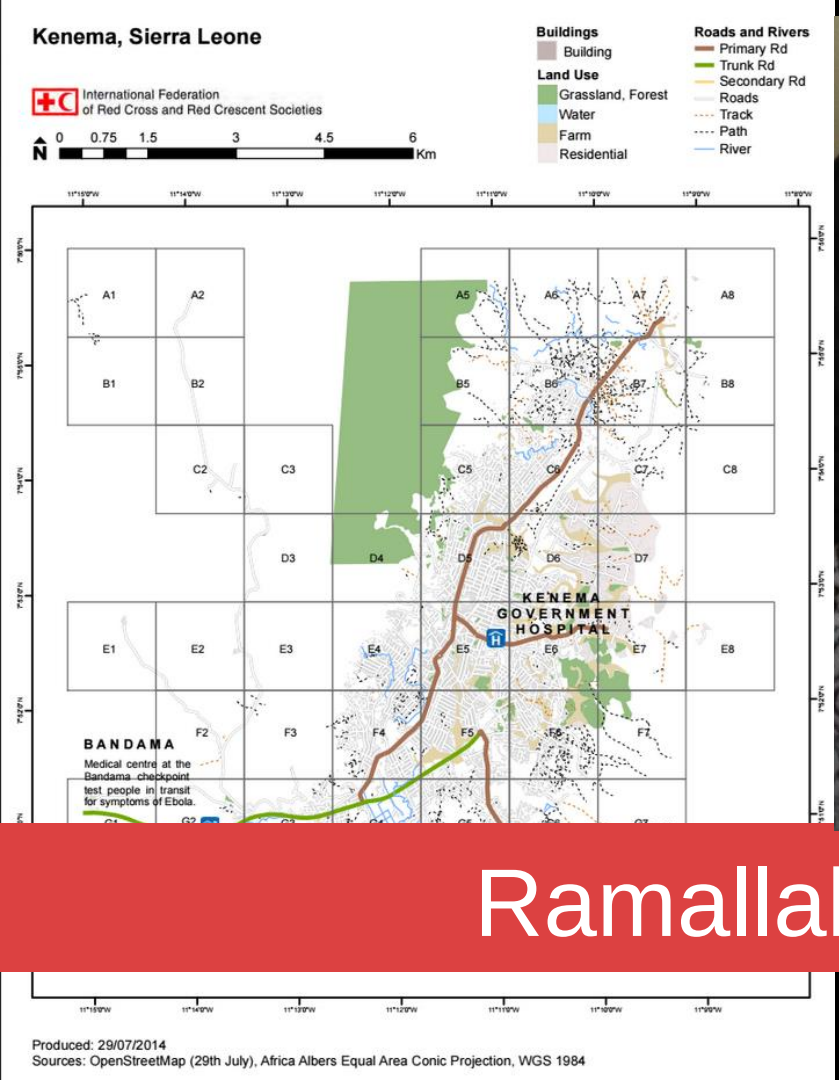
Imagery to the Crowd




# Imagery Coordination

http://mapgive.state.gov/

# Public Diplomacy



# Ramallah #Map4Ebola

# Lahore #Map4Nepal

16 - 22 NOVEMBER 2014

OPENSTREETMAP

# GEOGRAPHY AWARENESS WEEK

http://osmgeoweek.org/

Connect Camp Maps

# YALI Connect Camps

MAP GIVE
Mettiamo insieme le nostre risorse

Perché mappare? A proposito dell'Open Mapping Impara a mappare

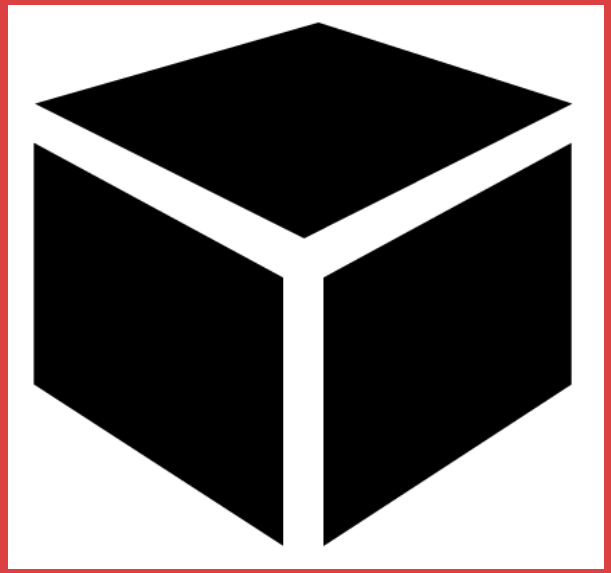
## Anche tu puoi essere d'aiuto.
## Mappa un qualsiasi posto nel mondo, anche se non sei mai stato lì.

I dati cartografici sono fondamentali per le missioni umanitarie e di sviluppo. MapGive aiuta i nuovi volontari ad imparare a mappare ed a farsi coinvolgere nelle attività on-line.

SCOPRI MAGGIORI INFORMAZIONI SUL
PERCHÈ DOVRESTI MAPPARE

IMPARA A MAPPARE

http://mapgive.openstreetmap.it/



# MapGive in a Box

# MapGive in a Box

Mapping and MapGive
Mapathons
Field Projects
Examples
Logistics
Resources

# MapGive on the Ground

# State of the Map LatAm 2015

Santiago de Chile|

INICIO PROPUESTAS DE CHARLAS GALERÍA BECAS OSM 2015 NOTICIAS ENTRADAS [ENGLISH]

En septiembre de este año llevaremos a cabo la primera conferencia **State of the Map LatAm** en Santiago de Chile.

Teniendo como referente la experiencia del State of the Map global de Buenos Aires del año pasado, buscamos reunir a la comunidad de mapeadores de Latinoamerica y el mundo, en un evento que nos permita compartir conocimientos, técnicas y experiencias comunitarias y empresariales en torno a OpenStreetMap.

Para mayores detalles sobre la ciudad, formas de llegar, el transporte dentro de ella, alojamientos y otros, puedes revisar el artículo en la wiki de OpenStreetMap.

El evento se realizará en los días anteriores al AbreLatam (7-8) y ConDatos (9-10), los eventos de Datos Abiertos más grandes de Latinoamérica.

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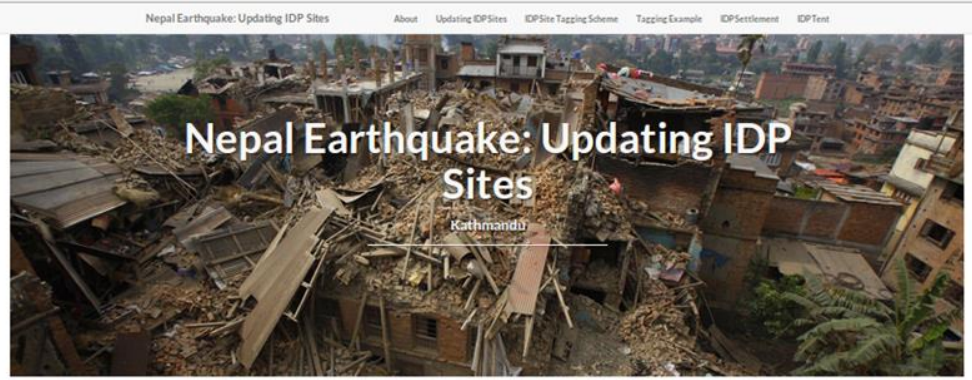
**Geographical distribution of this tag**

# Silos

# OSM Institutions

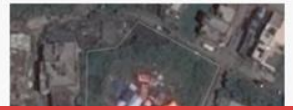
we map together
let’s work together




## IDP Settlement

Impromptu IDP settlements in urban areas are located in non build-up portions of a city. They can usually be identified by bright orange or blue tents arranged in a non linear fashion within open areas. Open areas usually consist of parks, school yards, athletic fields, or other small open areas in a city.

An Area IDP settlement will usually have 5 or more tents. Create an area feature and trace the extent of the entire open area, this will allow for calculations of IDP space and can assist with the overall response.



# Tracing Guides https://github.com/hotosm/tracing-guides/

# Basket

*For holding stories about how OSM is used in the wild.*

**Case Study: Humanitarian OpenStreetMap Team** — APRIL 18, 2015
Implementation of a collaborative, crowd-sourced Geographic Information System for humanitarian aid and economic development.

**Volcano Mapping in Indonesia** — APRIL 07, 2015
Using OSM to mitigate the impact of volcanic eruptions.

**The first French collaborative National Address Database is now online, and freely accessible.** — MARCH 16, 2015
On April 15th, Thierry Mandon, Secretary of State for State Reform and Simplification, inaugurated the launch of a collaborative and free French National Address Database, a pioneer of its kind.

**OSM for Malaria Eradication in Botswana** — MARCH 01, 2015

# Strategic Communications

https://github.com/osmlab/basket

teachOSM

Teach OpenStreetMap Step by Step

**Workflow**

Prepare A Successful Mapping Assignment

**Case Studies**

Showcase OSM Use In Educational Settings

**What is TeachOSM?**

TeachOSM is an online resource to assist educators at all levels to introduce open source mapping, on the OpenStreetMap platform to the classroom. Individual instructors can use the materials provided to develop assignments for their particular discipline and curricular needs.

This site provides the resources help instructors identify, assign, manage and grade a mapping assignment; this includes training documentation for both the instructor and students.

**What is OpenStreetMap?**

http://teachosm.org/

Nepal Earthquake User Contributions Changesets Per Hour Initial HOT Task Tag Counts Show Code

## OpenStreetMap response to the April 25 Earthquake in Nepal

On April 25th, a 7.8 magnitude earthquake stuck Nepal approximately 30 miles northwest of Kathmandu. With the coordination of Kathmandu Living Labs and the Humanitarian OpenStreetMap Team, a global volunteer effort to map roads and buildings in the affected area is under way. OpenStreetMap data is being used by the American Red Cross, the World Bank, and other organizations to support response and recovery activities in Nepal.

Read more: http://wiki.openstreetmap.org/wiki/2015_Nepal_earthquake

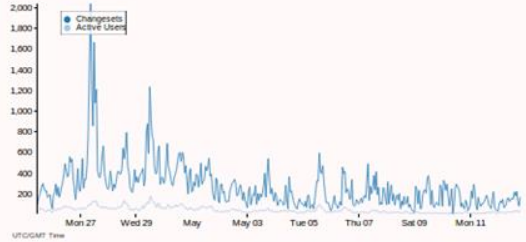
This site provides basic statistics describing the work of OSM volunteers in the response to this disaster. The data is based on hashtags used in changset comments and therefore undercounts the total amount of contributions occurring at this time.

**This site is no longer tracking live editing statistics.** We thank you for all the hard work done in this unprecedented response effort.

### User Contributions

In the month following the earthquake, over **5,055** mappers made more than **111,683** edits to the map. At least **3,544** of these mappers were new to OpenStreetMap.

### Changesets Per Hour



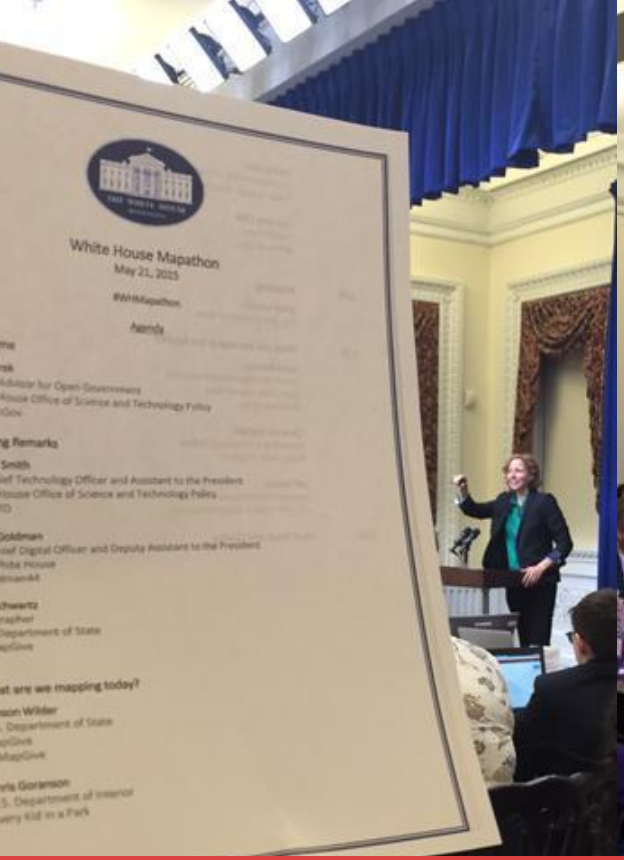

### Initial HOT Task Tag Counts

These impressive numbers represent just the initial HOT tasks created for the response.

| Roads | Buildings | Ways | Total Changesets |
|---|---|---|---|

Metrics

http://mapgive.state.gov/events/mapoff/



# Talking About Doing *vs.* Doing! #whmapahton

[osm-institutions] RESULTS: MAPOFF After Action Review (11)

People

**Chad Blevins** Apr 15

To Chad Blevins

Hello everyone,

Please find compiled notes from the #MapOff After Action Review. Several core topics have cross cutting themes so there is intentional redundancy in the Lessons and Actions section, take a look and add/edit as you see fit.

A logical next step is to focus on the Actions section. There is a mix between items we should look into immediately, and others to reference before the next mapathon/mapoff. Listed below are the top 5 topics we spent the most time talking about.

- **GitHub tracing guide:** clean up repo and continue planned enhancements.
- **Image off-set:** find solution to NextView/DG problem and create guidance for working with off-set imagery.
- **iD editor:** communicate ideas with Mapbox team, some items we know are in beta testing.
- **Metrics:** continue to develop system, could use a D3 coder.
- **Communications:** meeting hosted by Peace Corps 4/16.

After the meeting last week Mike Mann and I tested a few IP addresses on computers in the GWU Lab. We found they each have a unique IP which is likely why GWU has never been affected by the IP throttle. Something to think about as we plan future events.

I wanted to thank everyone again for your feedback with the review. Looking forward to future collaboration and seeing some folks at the Strategic Comms meeting tomorrow.

Cheers,

# After Action / Learning

Create account Log in

Article Talk

Read Edit View history Search

WIKIPEDIA
The Free Encyclopedia

Main page
Contents
Featured content
Current events
Random article
Donate to Wikipedia
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About Wikipedia
Community portal
Recent changes
Contact page

Tools
What links here
Related changes
Upload file
Special pages
Permanent link
Page information
Wikidata item
Cite this page

Print/export
Create a book
Download as PDF
Printable version

Languages
Bahasa Indonesia
தமிழ்
Edit links

# List of United Nations organizations by location

From Wikipedia, the free encyclopedia

While the secretariat of the United Nations is headquartered in New York, its many bodies, specialized agencies and related organizations are situated in other parts of the world, particularly in Europe:

**Contents** [hide]

1 Europe
2 North America
3 South America
4 Africa
5 Middle East
6 Asia
7 References
8 See also

The Palace of Nations. The United Nations Office at Geneva (Switzerland) is the second most important UN centre, after the United Nations Headquarters.

## Europe [edit]

- Austria
  - Vienna
    - Comprehensive Nuclear-Test-Ban Treaty Organization Preparatory Commission
    - International Atomic Energy Agency
    - Office for Outer Space Affairs
    - United Nations Commission on International Trade Law
    - United Nations Industrial Development Organization
    - United Nations Office at Vienna
    - United Nations Office on Drugs and Crime
    - United Nations Postal Administration
    - United Nations Scientific Committee on the Effects of Atomic Radiation
- Denmark

OSM Institutions Expansion

Open
Government
Partnership

SECOND OPEN GOVERNMENT NATIONAL ACTION PLAN FOR THE UNITED STATES OF AMERICA

# 5. Promote Innovation Through Collaboration and Harness the Ingenuity of the American Public

United States Department of State
Open Government Plan

“The Department is implementing .. new flagship Open Government initiatives: Innovating with Geographic Data,
which includes
the Imagery to the Crowd”

Sustainable Development Goals and UN Data Revolution

# “Fostering and promoting innovation to fill data gaps”

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SCOPRI MAGGIORI INFORMAZIONI SUL
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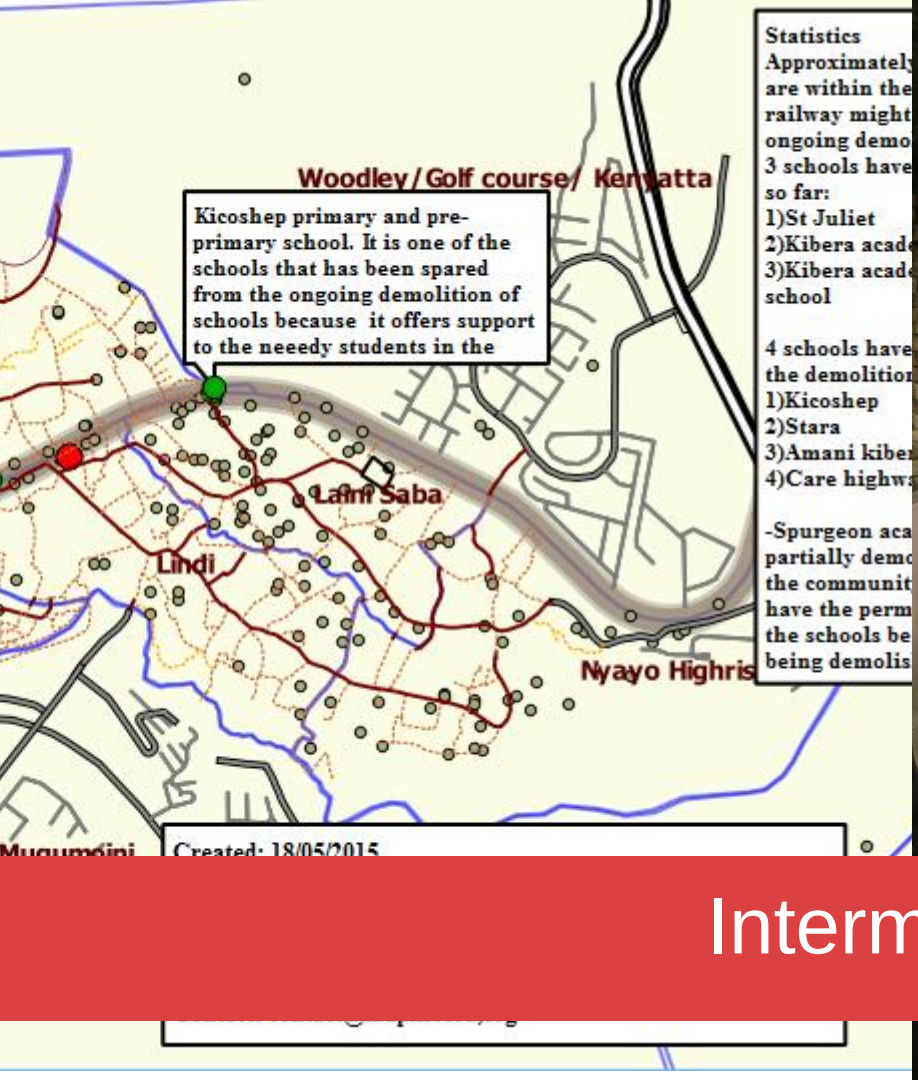
IMPARA A MAPPARE

# MapGive as a model commitment for other countries



# Intermediaries

# Lessons

GovClub

# Get together and work together

Go where you aren’t supposed to be

# Pretend it already works that way

# Love the Process

There is a hunger for real stuff

Thanks!

Mikel Maron @mikel

http://mapgive.state.gov/ @mapgive