

Data providers meet users - Frascati, Italy 2-4 May 2018
3rd data Providers workshop

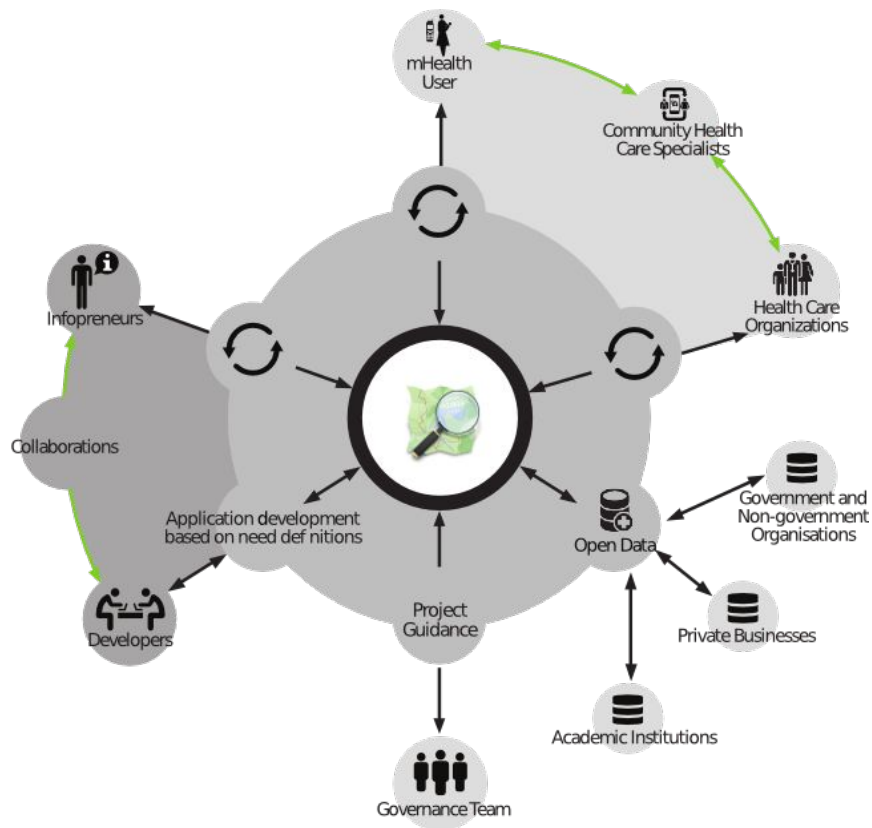


The Global Healthsites Mapping Project

Building a global commons of health facility
information with OpenStreetMap

Supporting civic co-production of data

Supporting civic co-production of data



Supporting civic co-production of data

An aerial photograph of a coastal city, likely in the Caribbean, showing a large body of water, a bridge, and dense urban development. The city is built on a peninsula or island, with a large body of water surrounding it. The water is a light blue-grey color, and the city is a mix of green and brown. The sky is a pale blue-grey color.

- Publish open data and use the Creative Commons.
- Publish data that is interoperable and accessible
- Follow the Human Centered Design process to drive the development and maintenance of the data
- Track progress against Sustainable Development Goals

Building a global commons of health facility information with OpenStreetMap

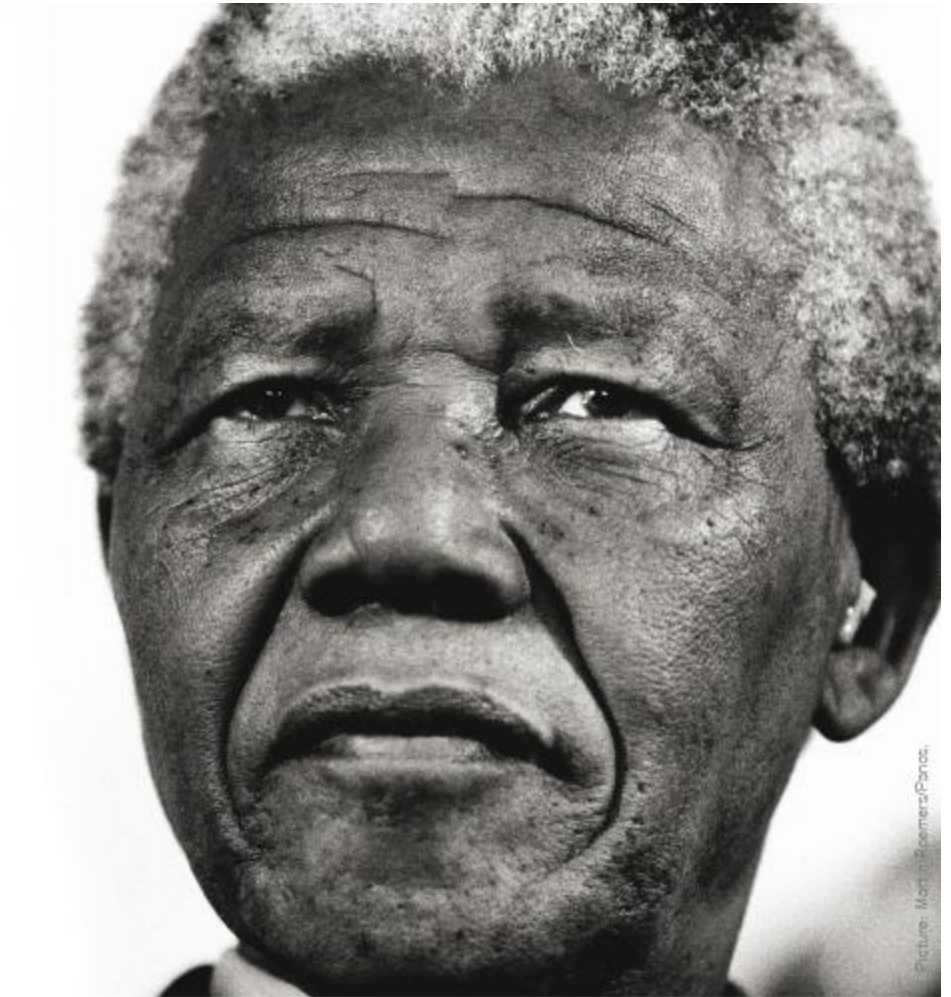
Healthsites community is focused on three key things:

- Enabling national health agencies and organisations to share and contribute data to OpenStreetMap
- Enable collaboration between national health agencies and volunteer communities
- Connecting multiple data streams to build higher quality data



“For to be free is not merely to cast off one's chains, but to live in a way that **respects and enhances the freedom of others.**”

- Nelson Mandela





The legacy

Currently data for public health infrastructure in certain countries is Inaccurate, Outdated, Duplicated and Incomplete

This was one of the primary challenges faced during the Ebola response

The future

We need data available under an open data license ..

..to keep it updated and improve service delivery.

The Global Healthsites Mapping Project is building a global commons of health facility data by making OpenStreetMap useful to the medical community and humanitarian sector.

This open data approach invites organisations to share health facility data and collaborate to establish an accessible global baseline of health facility data.



healthsites.io

Building a global commons of health facility information with OpenStreetMap



OpenStreetMap is the best global open geo-data source
Contains Hospital data but mostly just the position and name



Healthsites is building a bridge between the medical community and OpenStreetMap



The Health cluster shares health facility data such as:

- Number of beds
- Services
- Staff
- Status
- Contact





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Building a global commons of health facility information with OpenStreetMap

Publication of baseline health facility data under an Open data license

OPEN DATA

The first step of the Healthsites data life cycle is publication of the Health facility data under the Open Data license (ODbL).



An aerial photograph of a coastal town, likely in West Africa, showing a dense cluster of buildings with colorful roofs along a shoreline. The town is surrounded by water, and a small peninsula with a few buildings is visible in the middle ground. In the background, a range of mountains is visible under a hazy sky. The text is overlaid on the top half of the image.

Get the data - help fill the gaps so that
disaster response is effective and fast

Three projects:

1. West Africa Motorcycle Mapping
2. The Missing Maps
3. The Global Healthsite Mapping Project

Get the data - West Africa Motorcycle Mapping

A healthcare project using mapping for public health access.

'Without representation, people are without voice, vulnerable to Cholera or Ebola outbreaks, and invisible to crisis interventionists like Red Cross and MSF.'

Resources commonly end-up in the wrong place, or are of the wrong type. ' - West Africa Motorcycle Mapping

Get the data - West Africa Motorcycle Mapping

A healthcare project using mapping for public health access.

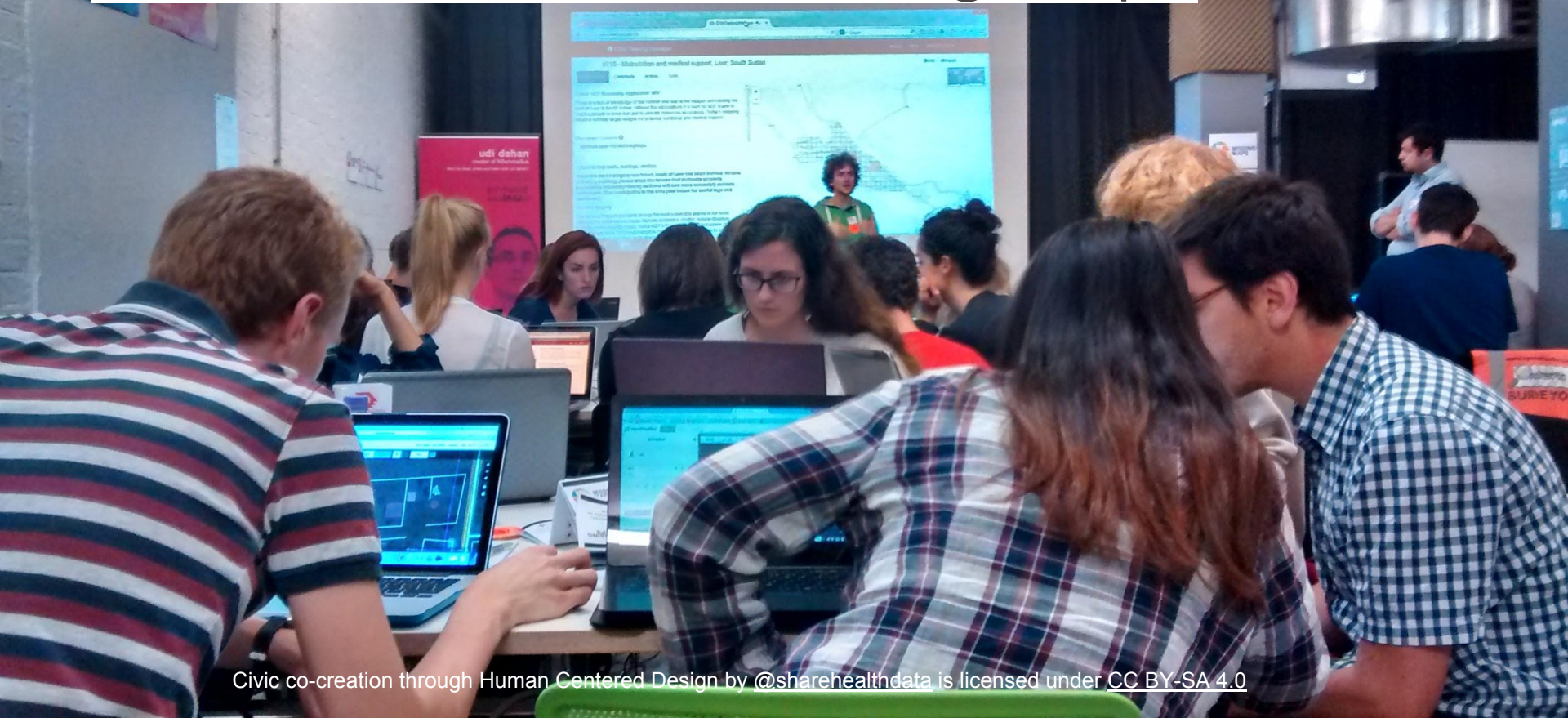


Knowing the patient origin, allows medical teams to quickly identify where to send outbreak response personnel. A gazetteer is being created by asking local people ..

What is your district?
What is your Chiefdom?
What is your section?

Through these questions they will establish a user generated geographical index.

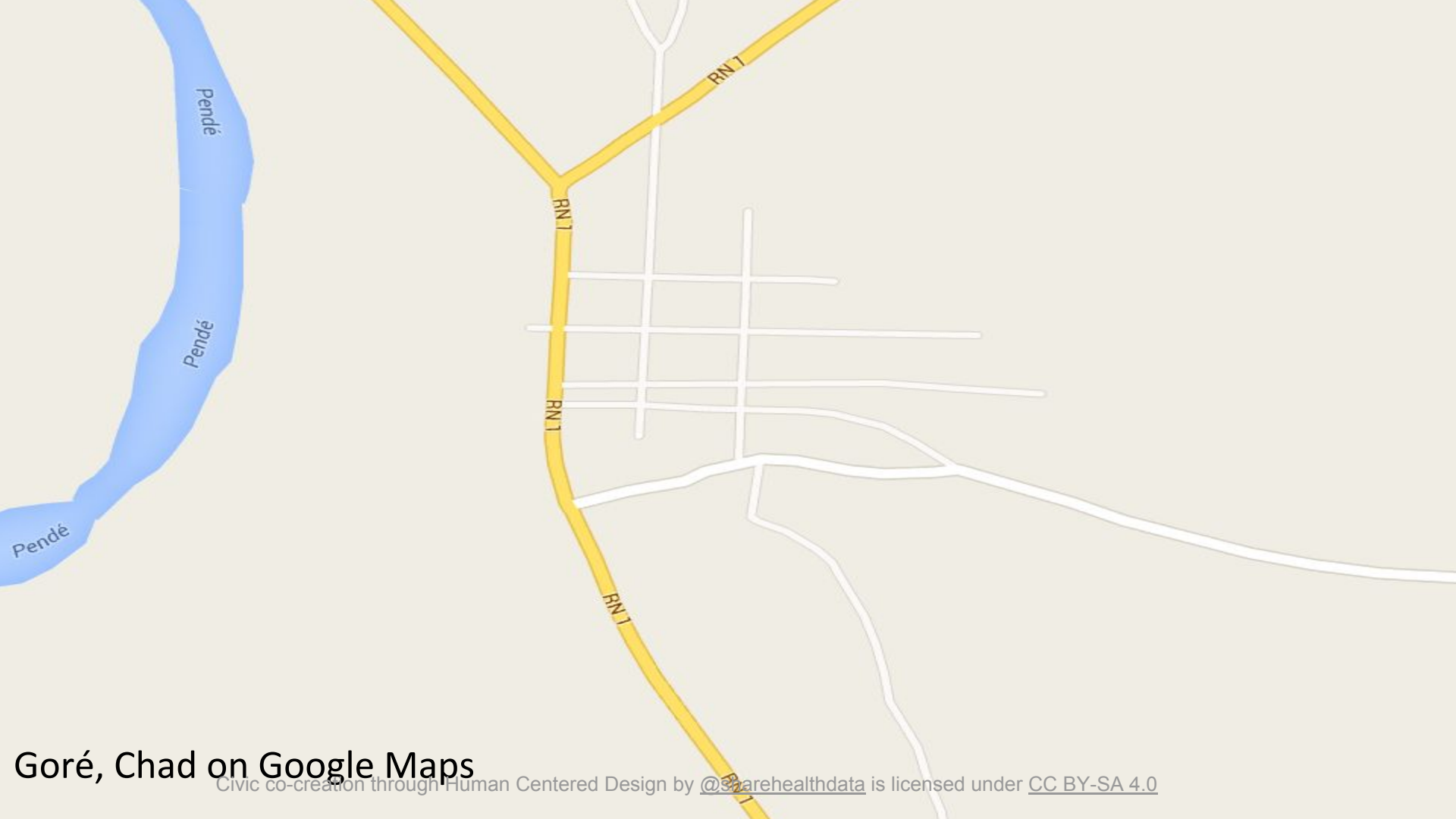
Get the data - The Missing Maps



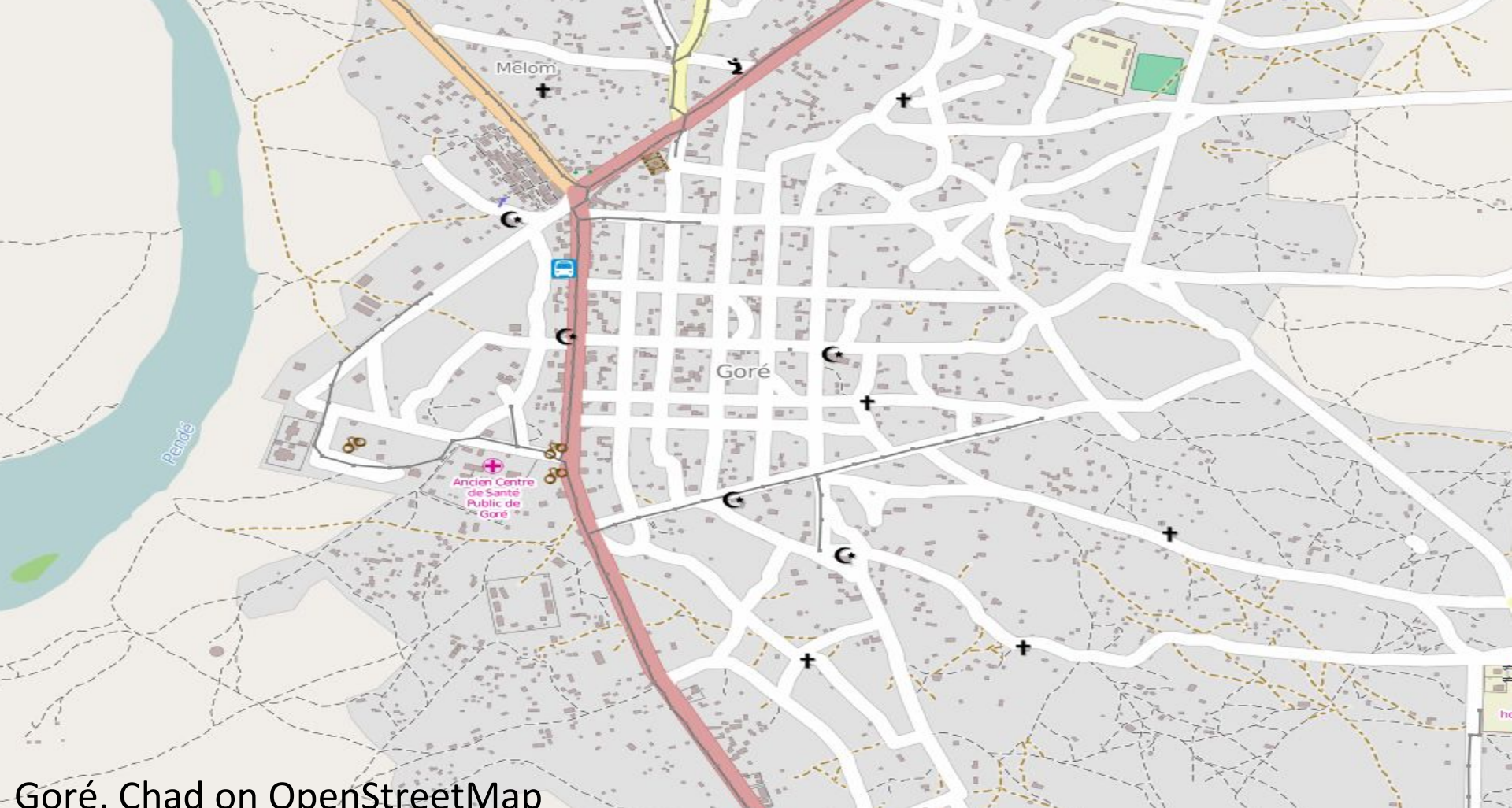


Aerial imagery of Goré, Chad

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Goré, Chad on Google Maps



Goré, Chad on OpenStreetMap

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Get the data - Healthsites

Freedom of Information requests

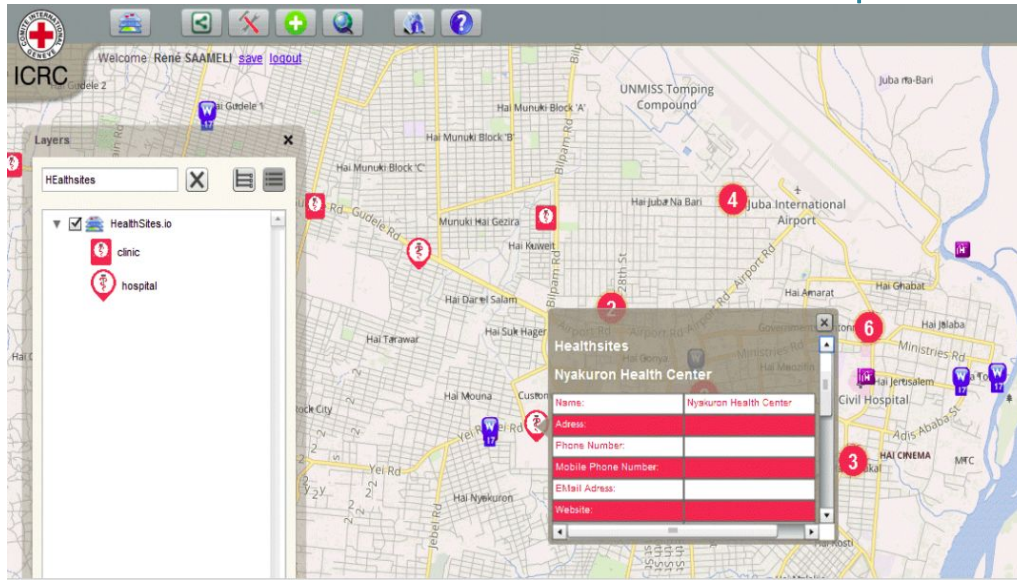
Healthsites invites Ministries of Health to share their Master facility list under an open data license. (ODbL)



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Building a global commons of health facility information with OpenStreetMap

Healtsites data is refreshed daily to generate a Healthsites layer in ICRC Geoportal
Distributed to field teams via live maps and internal apps

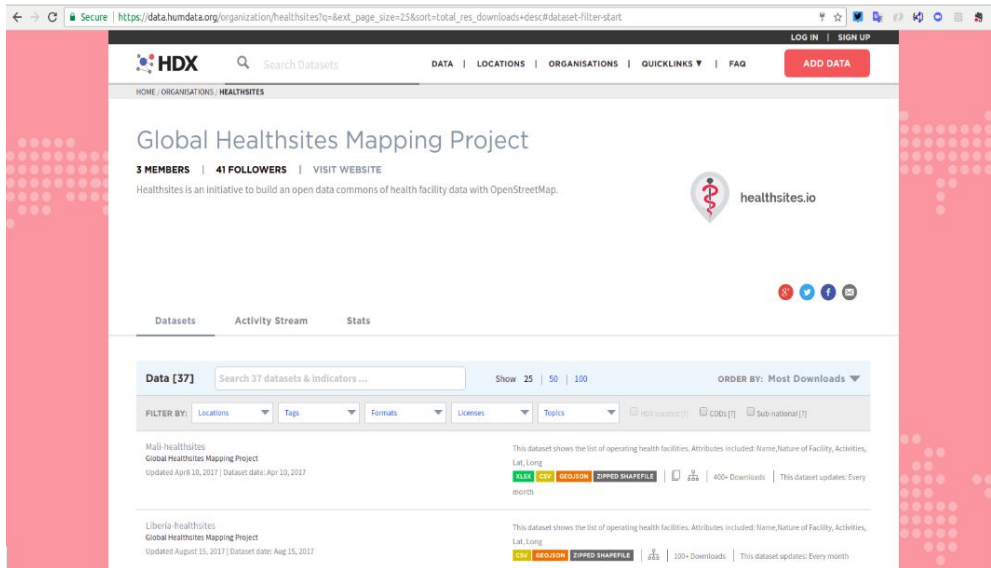




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Building a global commons of health facility information with OpenStreetMap

HDX - The Humanitarian Data Exchange. Official UN humanitarian data exchange platform.

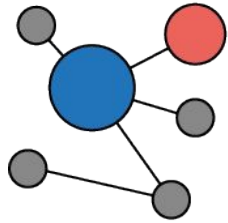




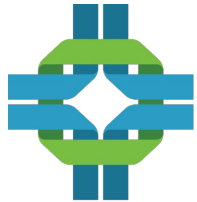
Get the data - Healthsites

Healthsites is building a global commons of health facility information with OpenStreetMap

Publish data that is interoperable and accessible



HDX



Open**HIE**





Publish data that is interoperable and accessible

From February to October 2016, the American Red Cross and its local Red Cross partners completed an effort to extensively map areas within a 15-kilometer distance of the shared borders between Guinea, Liberia, and Sierra Leone.



Search Datasets

DATA

LOCATIONS

ORGANISATIONS

QUICKLINKS ▼

FAQ

ADD DATA

HOME / DATASETS / AMERICAN RED CROSS WEST AFRICA PROJECT

American Red Cross West Africa Project



2200+ Downloads

This dataset updates: Never

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The Humanitarian Data Exchange

Find, share and use humanitarian data all in one place

LEARN MORE

FIND DATA

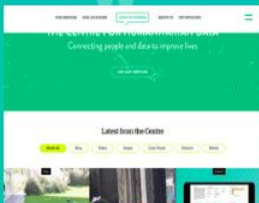
Search Datasets



6,582
DATASETS

245
LOCATIONS

1,020
SOURCES



Updated Site

Centre for Humanitarian Data



Dataset

Tonga: Admin boundaries level 0-3



Video

Opening of the Centre for
Humanitarian Data

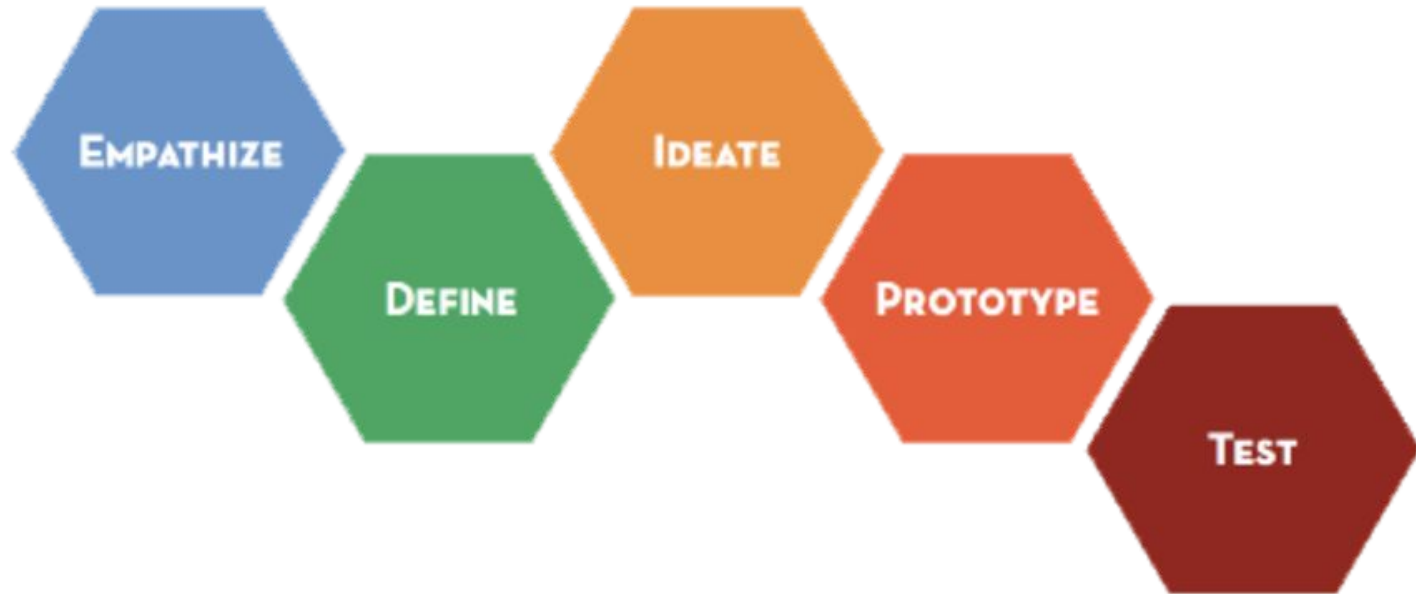


New Blog

HXL 1.1 beta released



Civic co-creation through Human Centered Design



Civic co-creation through Human Centered Design

A woman with dark hair, wearing a colorful patterned top, is holding a young child in an orange hoodie. They are both looking at a small black smartphone held by the woman. The background is a light-colored, textured wall.

‘As a single mom I want to access health care location data so that I can look after the health of my family.’

3 GOOD HEALTH AND WELL-BEING



Target 3.8. Achieve universal health coverage, i

Indicator 3.8.1: Coverage of essential health
services

Thank you @sharehealthdata

Get in touch and share your use case.

**HEALTH CARE
MATTERS
IN LIFE
DANGER & DEATH**



ICRC



**International
Hospital
Federation**



**Humanitarian
OpenStreetMap
Team**



GIS Unit

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Making the invisible visible



MAKING THE INVISIBLE VISIBLE