The Global Healthsites Mapping Project

Building a global commons of health facility information with OpenStreetMap

Supporting civic co-production of data
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- 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.

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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
Currently data for public health infrastructure in certain countries is Inaccurate, Outdated, Duplicated and Incomplete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.
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
Publication of baseline health facility data under an Open data license

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

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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.

West African Motorcycle Mapping is licensed under CC BY-SA 4.0
Get the data - The Missing Maps
Aerial imagery of Goré, Chad

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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)
healthsites.io

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
healthsites.io
Building a global commons of health facility information with OpenStreetMap

Get the data - Healthsites

Healthsites is building a global commons of health facility information with OpenStreetMap
Publish data that is interoperable and accessible

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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.
American Red Cross West Africa Project

Shape info
Click on a shape
The Humanitarian Data Exchange

Find, share and use humanitarian data all in one place

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 11 beta released

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‘As a single mom I want to access health care location data so that I can look after the health of my family.’
Target 3.8. Achieve universal health coverage, including financial risk protection.

Indicator 3.8.1: Coverage of essential health services.
Thank you @sharehealthdata

Get in touch and share your use case.
Making the invisible visible