Humanitarian
OpenStreetMap
Team





Humanitarian OpenStreetMap Team



Humanitarian OpenStreetMap Team



Hi,

I'm Petya Kangalova

Senior Tech Partnership and Engagement Lead




HOT
Humanitarian
OpenStreetMap
Team
We are international team dedicated to
humanitarian action and community
development through
open mapping


HOT
Humanitarian
OpenStreetMap
Team
Our mission is to ensure the that the local, community-sourced map data are accessible and utilised when decision are made.

HOT is working towards a world where…

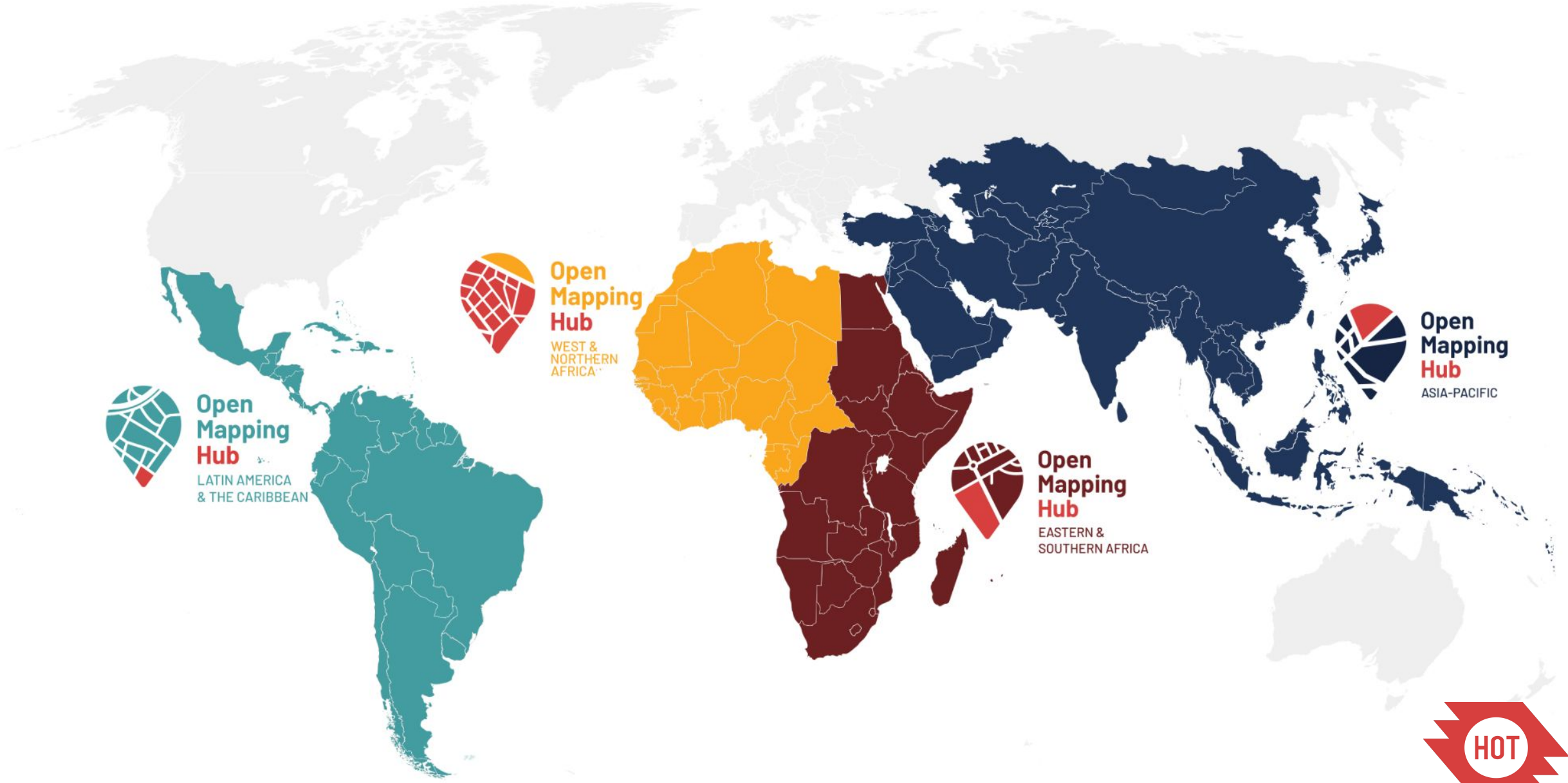
…community needs are addressed through mapping.

…everyone can access and contribute to the map.

…open map data is available and used for impact.

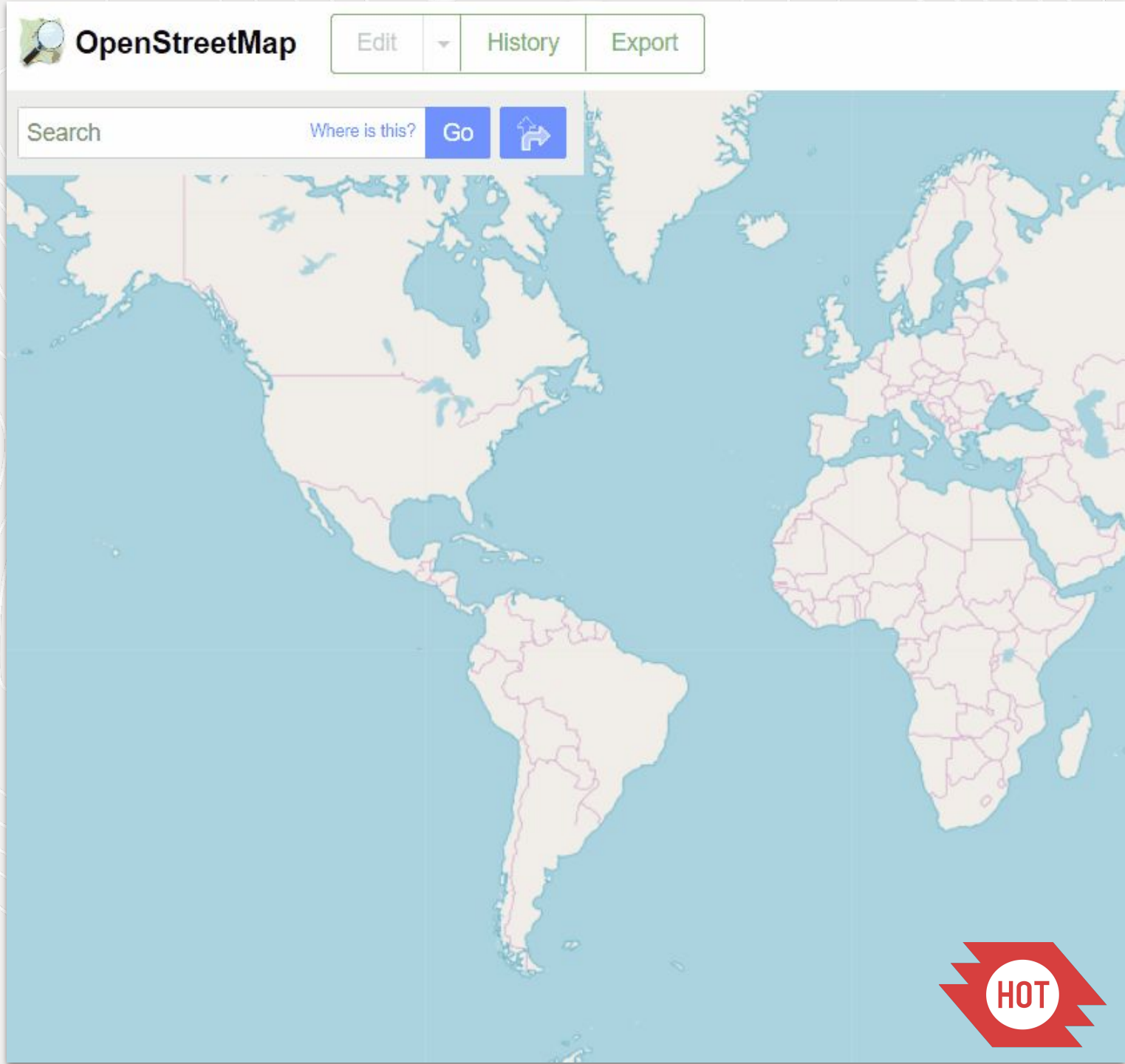


HOT is strengthening OpenStreetMap communities & open data in 4 priority regions





OpenStreetMap as core platform for HOT as it is a free, open, editable map of the world: anyone can use the map, and anyone can edit the map.



Examples of our work



Violence has caused **thousands of refugees** to cross the border. MSF ground teams are covering **refugee medical needs with mobile clinics.**

MEDECINS SANS FRONTIERES

Mapping helped refugees in Chad fleeing Sudan

MSF staff lack good map data of the region and can't always locate the villages where they need to go.

To use time and resources effectively, up-to-date and quality map data is essential.

MSF mobilizes **volunteers to map buildings using satellite imagery and Tasking Manager**.

REACH Informing more effective humanitarian action

IOM UN MIGRATION

UNHCR The UN Refugee Agency



On 6 February 2023, an **earthquake** struck southern and central Turkey and western Syria causing **widespread damage** and **tens of thousands of fatalities.**

Open Mapping Hub ASIA-PACIFIC

YerÇizenler

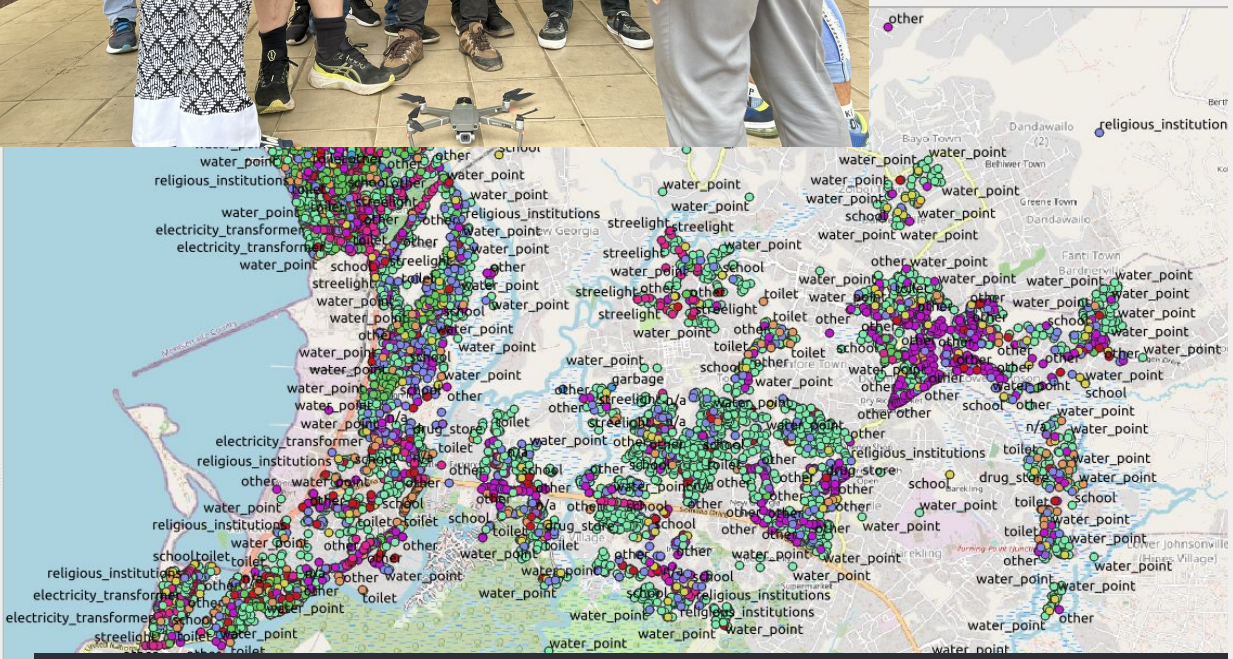
Mapping was key in the Türkiye / Syria earthquake response

At least ten different organizations used the updated OSM data for their response activities, including search and rescue coordination by AKUT/AFAD and the Türkiye Ministry of Health.

Tasking Manager was quickly used as the go-to solution for mapping.

Over two million buildings were mapped by almost **nine thousand volunteers**, using HOT’s Tasking Manager.



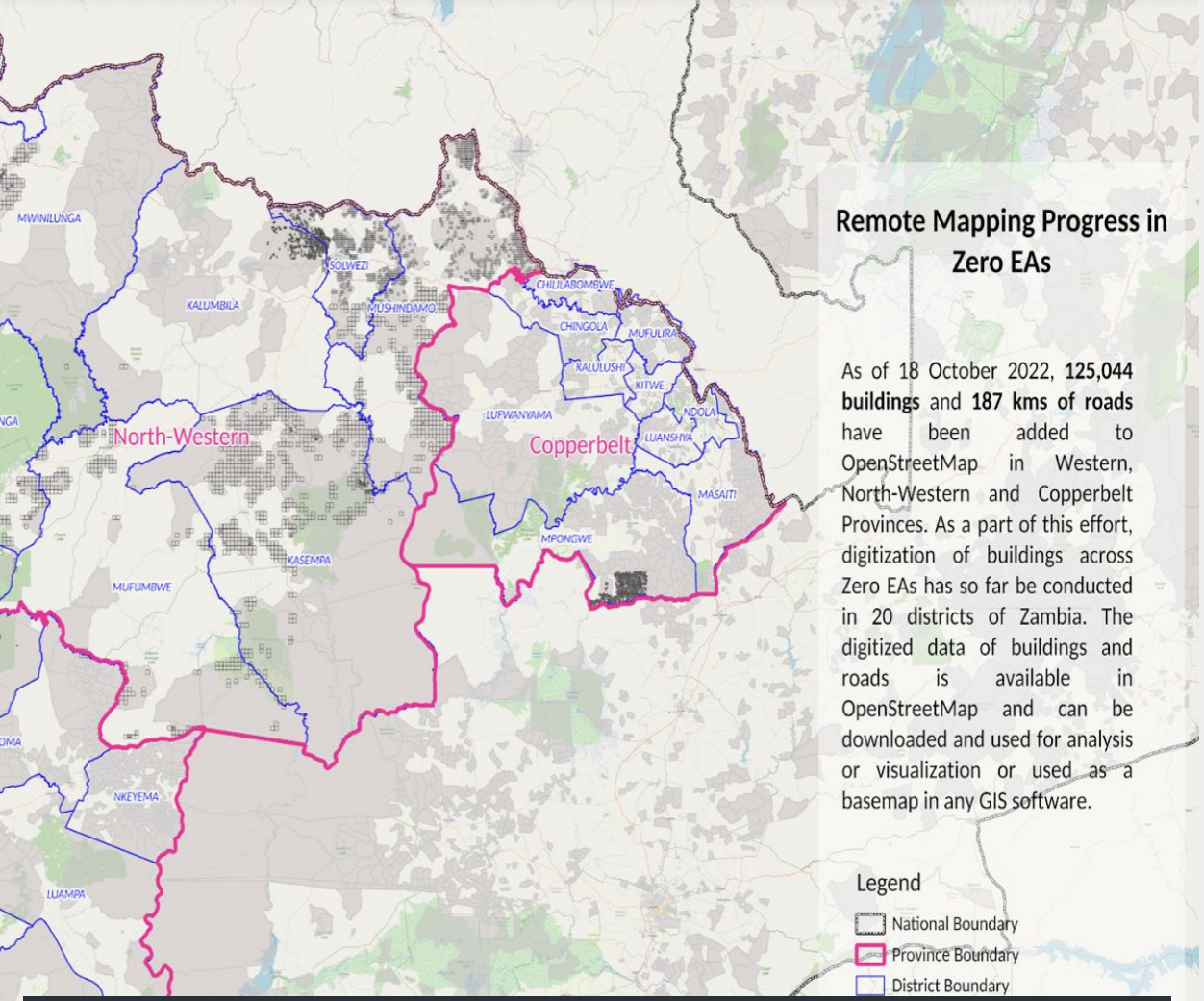


Communities living in informal settlements (aka slums) need to have insight into risk, hazards, and services

Supporting communities in informal settlement mapping in Liberia & Sierra Leone

HOT currently works with Slum Dwellers International on the “Know Your City” initiative - helping communities be informed and take ownership of issues affecting their homes and livelihoods.

Many services and infrastructure mapped using a combination of drone imagery, the “Field Tasking Manager”, and combined with (private) household survey data



The Zambia Statistics Agency (ZamStats) had **census enumeration areas** that they called 'Zero Populated Areas' and they needed **to know whether there were any people who lived in these areas** before the census.

Open Mapping Hub
EASTERN & SOUTHERN AFRICA

Mapping to enable a more accurate census in Zambia

Remote mapping of over 125,000 buildings in Western province Zambia were used in enumerating activities, enabling an accurate and efficient census.

Tasking Manager was the used for mapping the region.

Up-to-date base maps ensured that an effective census could be carried out in the region.

Stay in touch

- **Website:** https://www.hotosm.org/
- **Github:** https://github.com/hotosm
- **Monthly HOT Tech and Innovation** Working Group
- **Join our Slack community:** https://slack.hotosm.org
- **Email:** petya.kangalova@hotosm.org


THANK YOU
HOT