Summary: ohsomeHeX is a HeiGIT developed tool which provides information about the status of mapped areas over time. It can be used to retrace the amount of mapped elements in Open Street Map (OSM). For this use-case HeiGIT developed a layer within ohsomeHeX that compares OSM Data to another base dataset provided by Maina et al (2019). It shows the discrepancies between OSM data and the aforementioned base dataset which was collected using a combination of official data and personally communicated data. Those discrepancies are potentially interesting areas where there might be data missing. HeiGIT supported healthsites.io with ohsomeHeX to analyze, monitor and evaluate mapped and not yet mapped public health care facilities in Senegal during a HOT Microgrant Project.

The Problem:
- Maps of the Global South often lack high quality geodata
- Publicly available healthcare facility data is a scarce resource in countries of the Global South
- Due to little to no funding, so-called Microgrants are an effective way to empower local mappers to care about high quality geodata in their home regions

The Approach:
- OhsomeHeX can indicate where data is missing and needed most
- OhsomeHeX provides monitoring for mapping projects
- Organizations can evaluate and justify their funding by visualizing their outcomes

Figure 1: Completeness of Health Facilities in Sub-Sahara Africa layer in ohsomeHeX
The Results:

Open Access Healthcare Map with Data of 17 countries with 2 billion people.

- +16.7% mapped hospitals
- +135% tags "emergency=yes"
- +2200% tags "beds=*"

The User:
- Individuals
- Humanitarian Organizations
- Humanitarian Mapping Organizations