Geonode roadmap in Madagascar

Geonode summit March 27th 2018

Faneva Andriamiadantsoa

GFDRR
Global Facility for Disaster Reduction and Recovery

About

Started in 2015 by

Hosted by

Training

- workshop for final users
  - Qgis
  - InaSAFE
  - Geonode

- Workshop for developers
  - Github
  - Customization
  - Geoserver

79 Users

Sectors
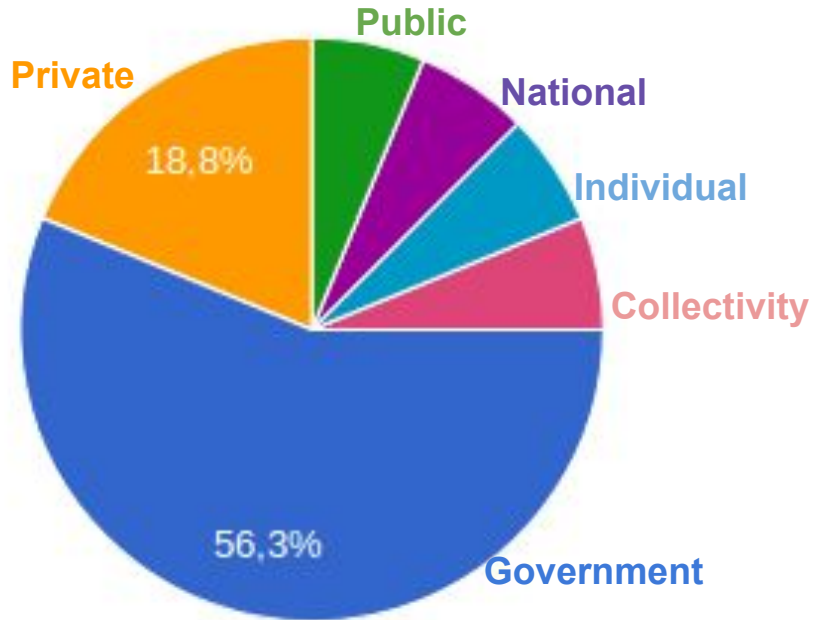
Skills
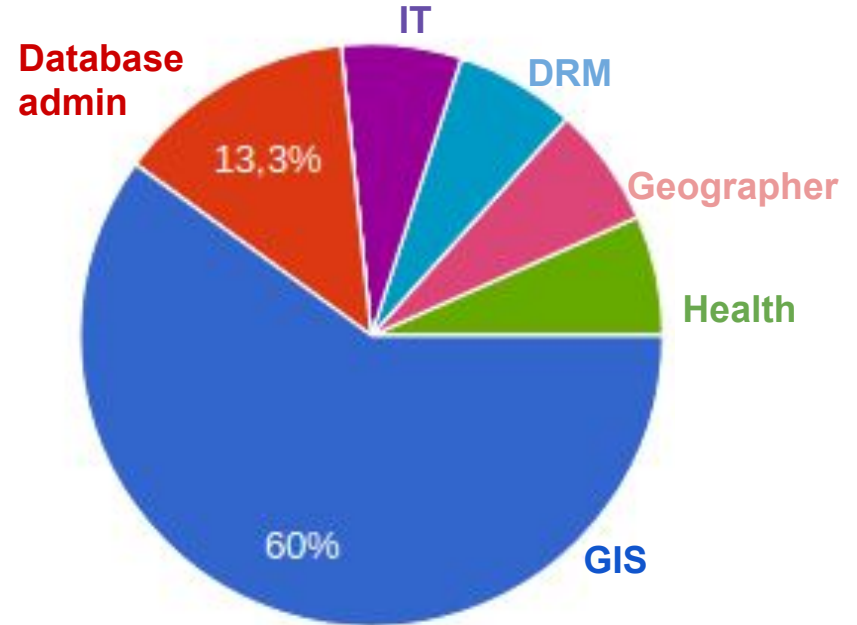
77 Layers

Date of production between 1997 and 2017

Legend:
- climatology Meteorology Atmosphere
- Boundaries
- Elevation
- Environnement
- Farming
- Geo-scientic information
- Health
- Imagery Base Maps Earth Cover
- Inland waters
- Location
- Society
- Structure
- Transportation
- Utilities communication
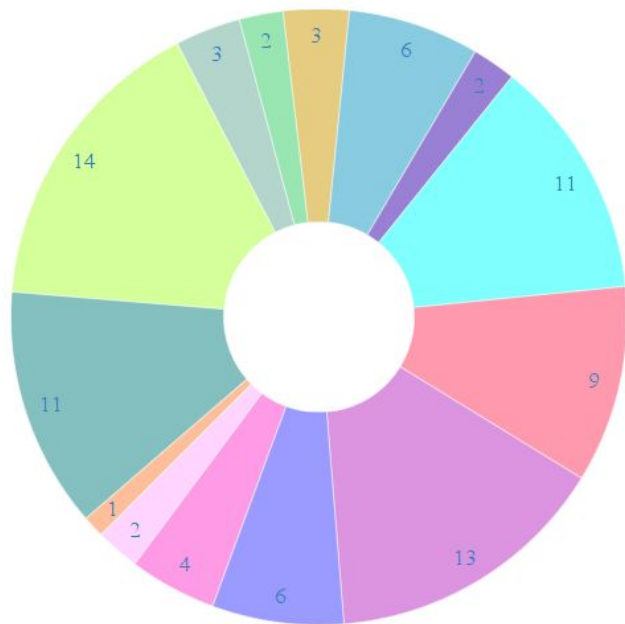
Activities on Geonode since 2015
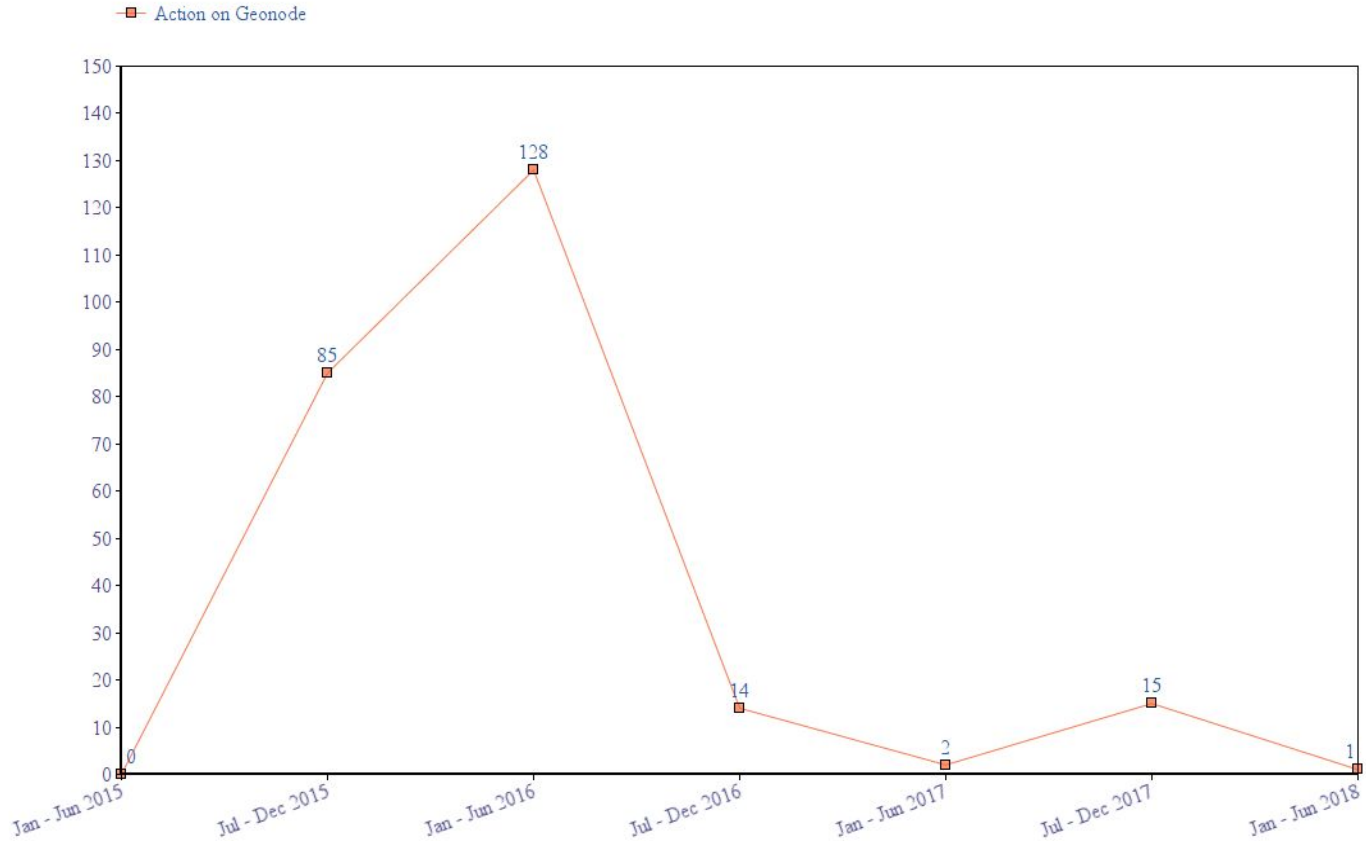
Why activities are decreasing?

- Lack of awareness

- Missing good internet connection

- Not enough data to upload

- Need to permissions from the chief officer to upload on Geonode

What our users would like on Geonode?

- More interactive maps

- Get email notifications when data are uploaded or updated
- More user-friendly layer selection by extent
  - Display all layers in a specific area
  - Download clipped data
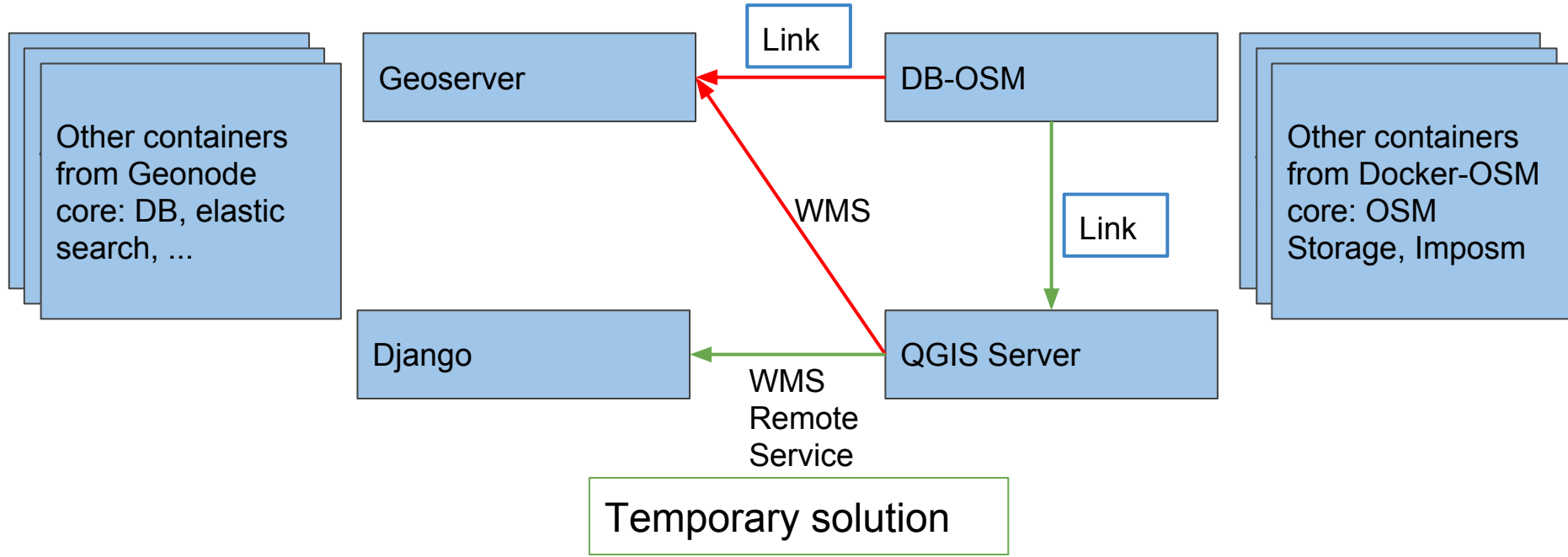- More OSM in Geonode and up to date

About OSM in Geonode

- Docker-OSM: docker-compose project to fetch OSM Data every 2 minutes and upload in a PostGIS DB
- Customize OSM features to import in the DB

- Set up a specific area

- Add a new store in Geoserver

- https://github.com/kartoza/docker-osm

OSM in Geonode

- Overview of the Docker Compose project
- Based on Geonode core

Thank you