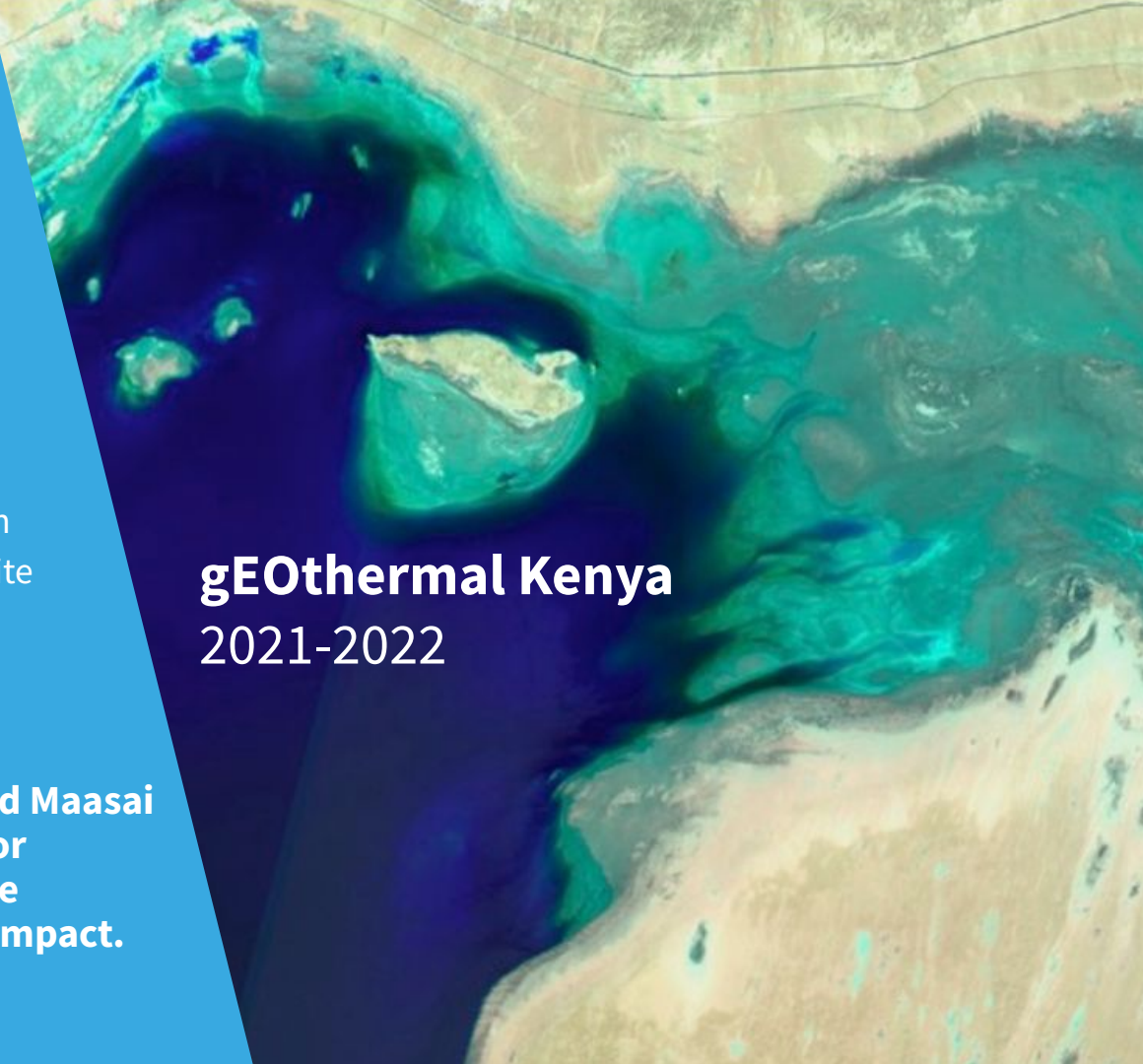# OMANOS ANALYTICS

To support the socially, environmentally, and economically sustainable growth of the Kenyan geothermal sector through improved remote site monitoring and management.

We worked with the Kenyan National Environment Management Authority and Maasai communities to characterise and monitor land-use around current and prospective geothermal plants to map and forecast impact.
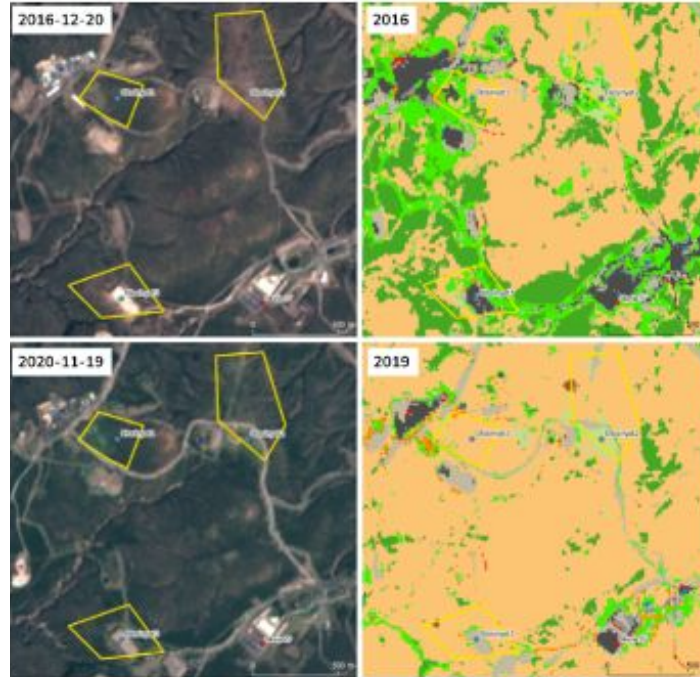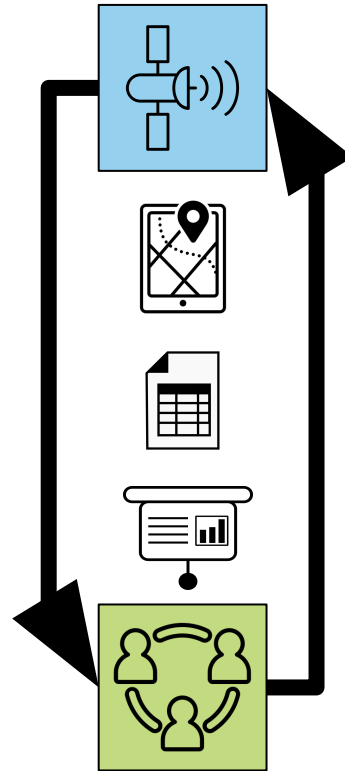
gEOthermal Kenya
2021-2022
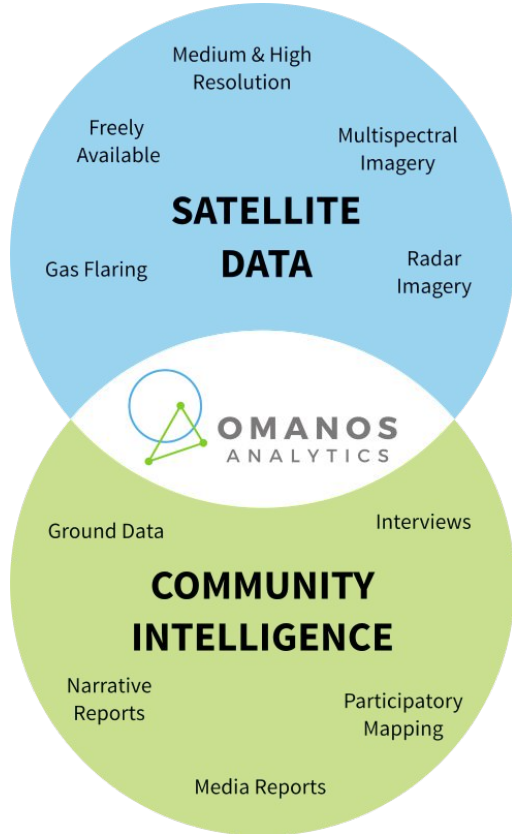
gEOthermal Kenya

2016-12-20

2016

2020-11-19

2019

- Vegetated lava flow
- Tin buildings
- Tiled buildings
- Stagnant water
- Scrubland
- Pasture
- Livestock corrals
- Industrial infrastructure
- Greenhouses
- Forest
- Crops
- Bare ground

CSI-EO: Community-Sourced Intelligence for Earth Observation

Medium & High Resolution

Freely Available

Multispectral Imagery

SATELLITE DATA

Gas Flaring

Radar Imagery

OMANOS ANALYTICS

Ground Data

Interviews

COMMUNITY INTELLIGENCE

Narrative Reports

Participatory Mapping

Media Reports

Open-source smartphone app & cloud-based data storage/transfer

EO-enabled Environmental and Social Impact Assessment & Monitoring Framework

Ethical principles for ground data collection

Get in touch

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