

GEO MSF (Geographic Information System)

Project Summary

Problem

MSF lacks an adequate system to easily analyze geo-referenced data from a) different contexts, b) sectors, c) points in time, to understand situations spatially.

Proposed Solution

Transform MSF's geo-mapping capabilities by building an integrated technology platform and leveraging crosscutting geographic information to support operations, emergency response, security, water & sanitation, logistics, fleet management, epidemiology, and advocacy reporting.



Potential Impact

- Supports strategic decision-making and informed response in the field through better understanding of the geographical and functional landscape of a population in crisis

Viability

- Takes a user-centric approach to needs analysis; incorporates test-and-learn
- Investigates geo-mapping leading practices

Risk Mitigation

- Builds on MSF's GIS capabilities; leverages open source and/or commercial technology

Scalability

- Engages stakeholders across MSF for needs analysis and scaling considerations

Area/Type: Operations Improvement/Technology; Large-Scale

Sponsor/Support: OC Geneva / OC Barcelona

Length/Project Status: 2.5 years; **ONGOING**