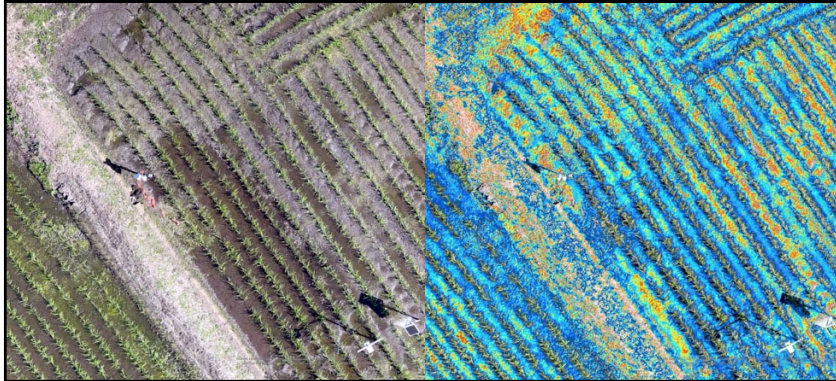


Transform Lives from **SORA (=The Sky)**

-From sensing to action-
autonomous environmental risk intelligence for
climate adaptation in the Global South

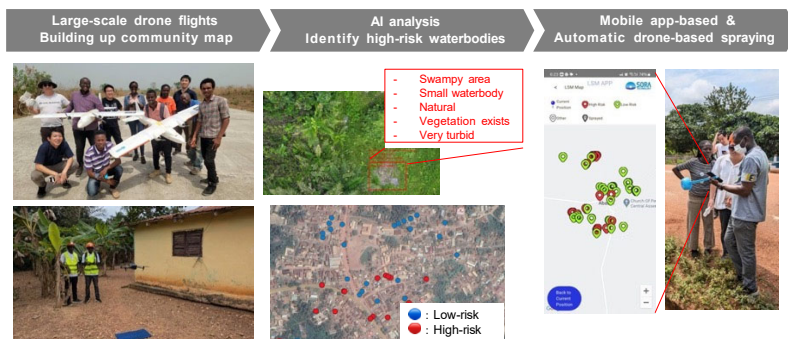


SORA Mosquito Control

- Innovative larval source management for cost-effective vector control-



By eliminating breeding sites, protects against both indoor and outdoor biting vectors, and also bypasses the resistance challenges that undermine adult-stage tools.



- **Drone-based mapping**, producing rapid high-resolution digital maps
- **AI-driven water body detection**, identifying surface waterbodies from imagery;
- **AI-based larval habitat risk classification**, prioritizing habitats most likely to sustain mosquito breeding; and
- **A digital navigation app**, generating optimized GPS-guided routes for spray teams to treat all identified habitats within days.

SORA's AI and drone technology detects and treats hundreds of breeding sites, which was impossible for the manual intervention. SORA Malaria Control is tested, deployable and scalable.

SORA Health Intelligence Room

AI identifies high-risk disease hotspots linked to climate-driven disasters, enabling data-driven and proactive interventions across water systems and public health resilience

Climate Risk Forecast Systems



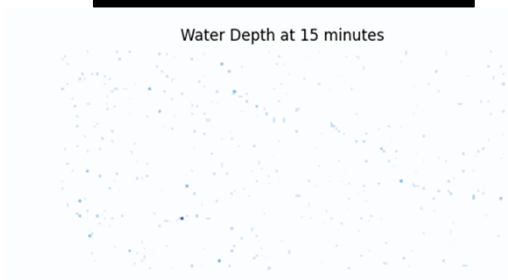
Drone/Satellite



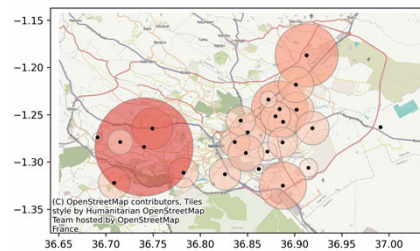
Hydrological Simulations

Hotspot Trends

Water Depth at 15 minutes



Medical Demands Dynamics



Demand Profile / Pre-positioning

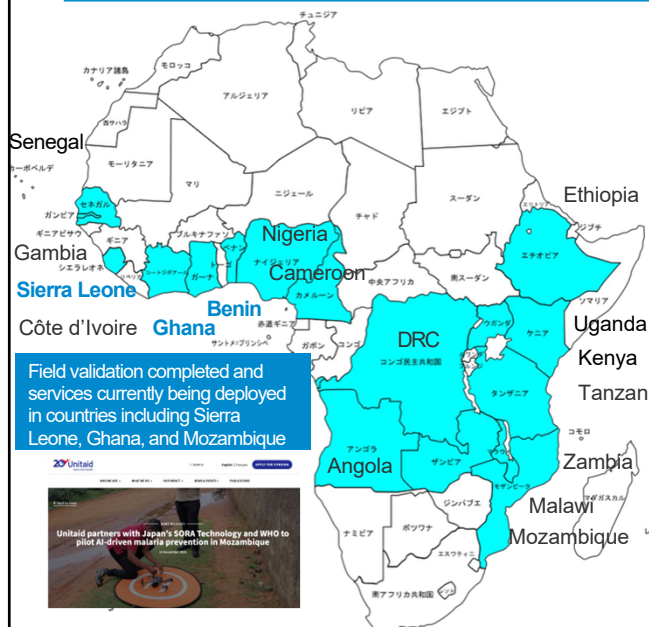
- Enables proactive **alerting for water/health risks**, guiding where and when Community Health Workers (CHW) should act.
- Continuity of service during extreme events, supporting alternative access planning during flooding or heatwaves to maintain outreach to vulnerable communities



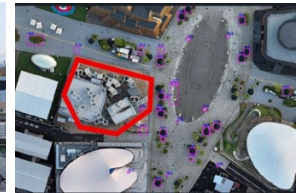
Proactive Spraying to Prevent Diseases



SORA Footprints – From West Africa to Whole Africa & Asia



- Reverse Innovation to Japan: Supporting the development of a pest (e.g., mosquito) hazard map for the Osaka-Kansai Expo



- Beyond Malaria: Delivering dengue prevention solutions addressing climate change and health in the Philippines



Partners / Initiative / Recognitions (Examples)



As Business Leaders' Coalition for Global Health



"It's a cool example that AI can determine water risks against diseases"
Dr. Bill Gates