Crosscut

Geospatial microplanning for malaria prevention

Agenda

- Brief Intro
- Demo
- Use cases
- Integration and Compatibility
- Cost Structure
- Q and A

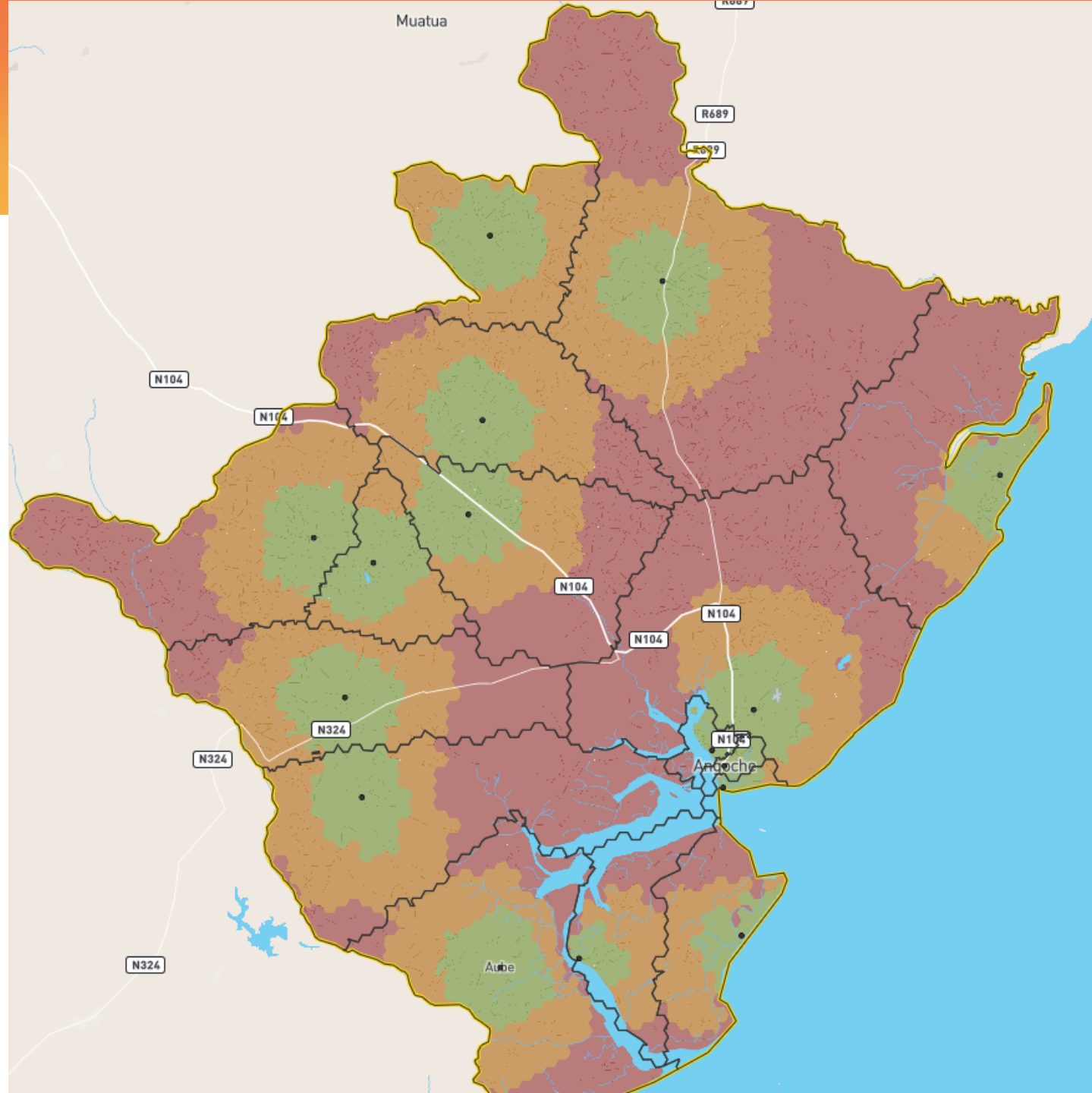
Who we are

Crosscut provides niche expertise in **supply chain management** and related analytics and engineering.

What is micro-planning?

There are a few common elements of microplanning.

- Estimating target populations
- Identifying settlements for outreach
- Creating catchment area maps
- Analyzing travel time and accessibility of services
- Estimating supplies and resources needed

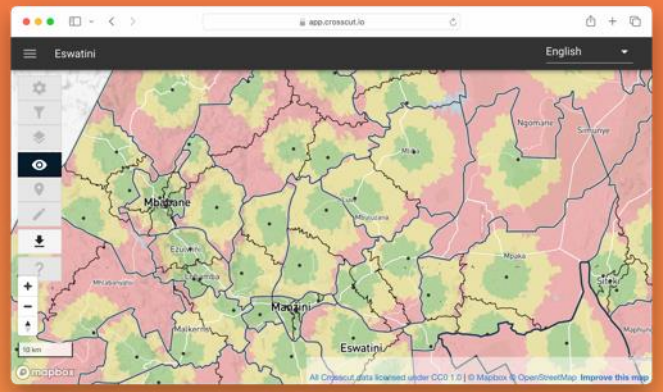


Crosscut

Use the Crosscut App for free to create maps and microplans for malaria campaigns

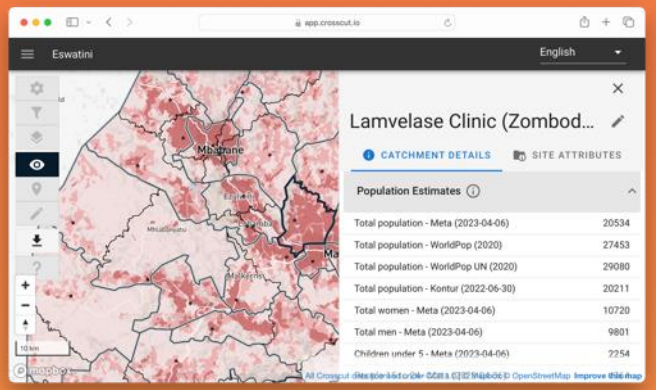
- ☑ Indoor residual spraying
- ☑ Insecticide-treated net distribution
- ☑ Seasonal chemoprevention

crosscut.io



Create & analyze catchment areas

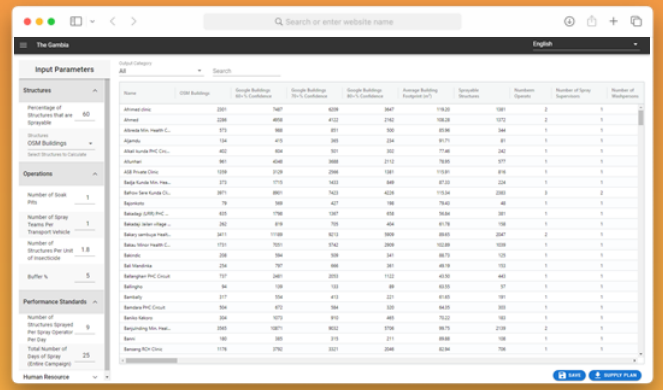
- Visualize travel time and population heatmaps
- Identify hard-to-reach settlements



Understand populations

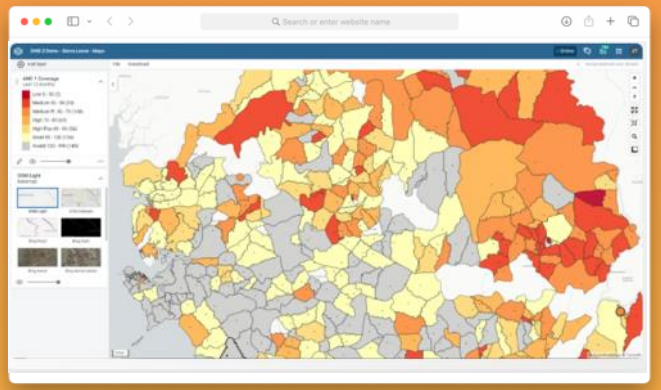
- See the latest population and building estimates from all available public sources
- Load your own population estimates to see how they compare

WorldPop Meta KONTUR GRID3



Campaign quantification

- Estimate human resources required
- Calculate treatment and supplies needed
- Each estimate tied to a catchment area

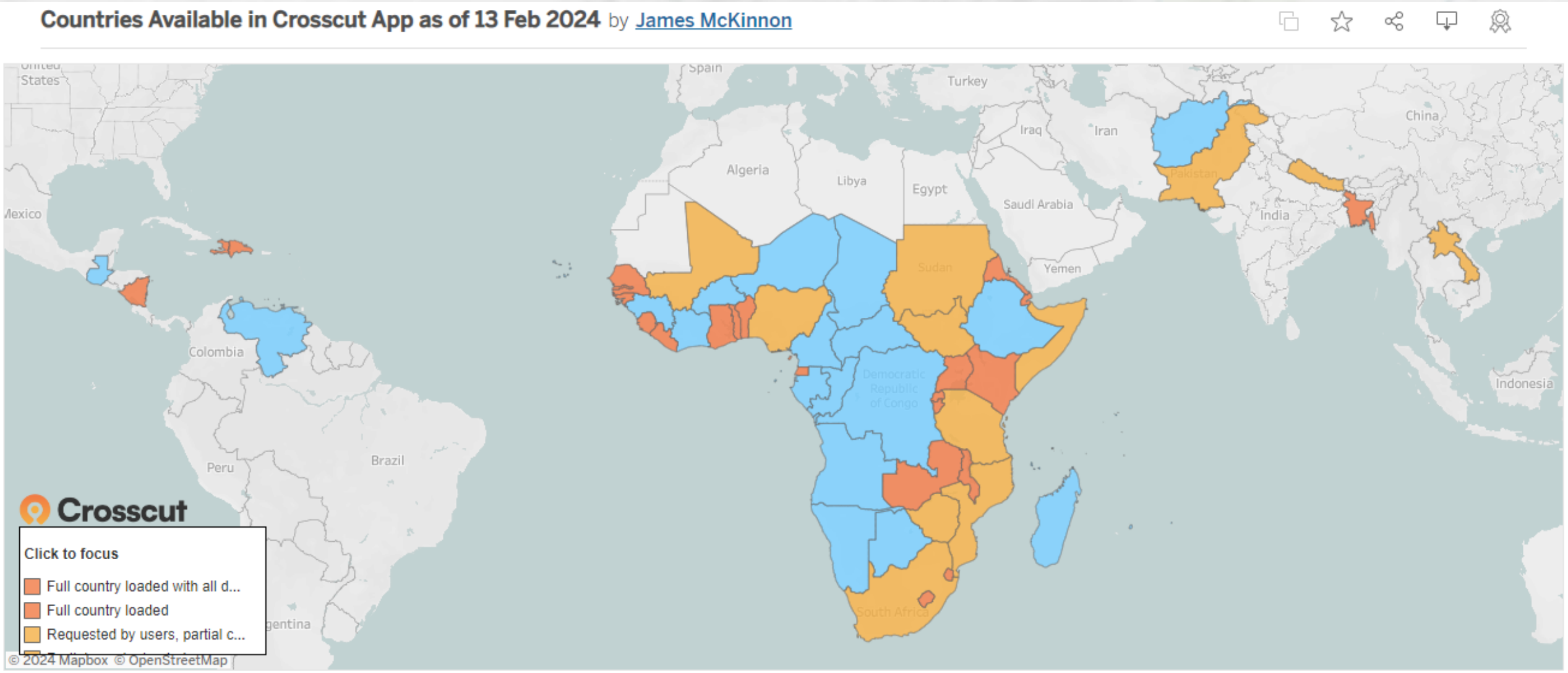


Integrate and Share

- Integration with DHIS2 and Google Earth
- Print catchment area maps and download geojson

dhis2

Our app is available in three languages and 23 full countries



Demo

Use cases for the Crosscut app

Immunization

- Session planning for routine immunization
- Campaign planning for supplemental immunization activities
- Identification of vaccination posts
- Coverage estimation

Malaria

- Indoor residual spray campaigns
- Insecticide-treated net distribution
- Seasonal chemoprevention campaigns
- Coverage estimation

NTD

- Mass drug administration campaigns
- Coverage estimation

Primary Care

- Placement of community health workers
- Identifying outreach posts
- Determining number and location of health services
- Ambulance referral linkages

Diagnostics

- Measuring patient accessibility to the lab network
- Sample referral linkages

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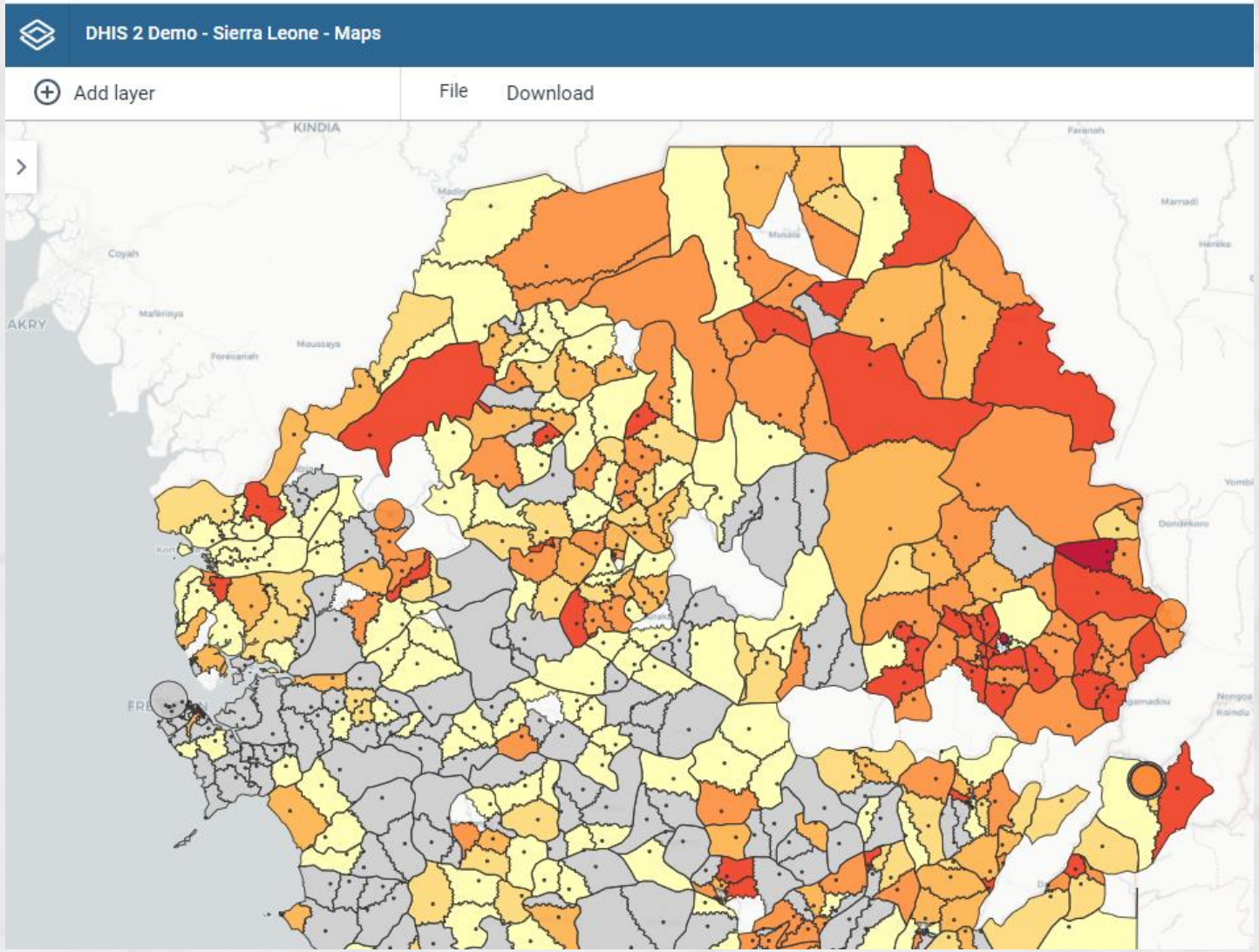
Crosscut app is available directly in DHIS2 app hub and can be integrated directly in other tech platforms



- Finalist for DHIS2 app-of-the-year, 2022
- MOU with University of Oslo for geospatial mapping
- Data can also be exported and loaded in other platforms or integrated directly into partner systems

Crosscut

Cost Structure

- We offer our app for free to users
- You can create an account in seconds and use without restriction
- We contract with implementing partners to make enhancements to our app, cover maintenance costs, and provide technical expertise in supply chain data analytics

Q and A

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Contact Us

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