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# SANPLAN: THE SANITATION PLANNING TOOL

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LAUNCH WEBINAR

February 3, 2022

# Background

## WASHPaLS CLTS Performance Envelope (PE)

- The PE work found that context does matter for CLTS program success and sustainability but that highly-localized situational analyses are still necessary (no one size fits all!)

## Rethinking Rural Sanitation Guidance (RRSG)

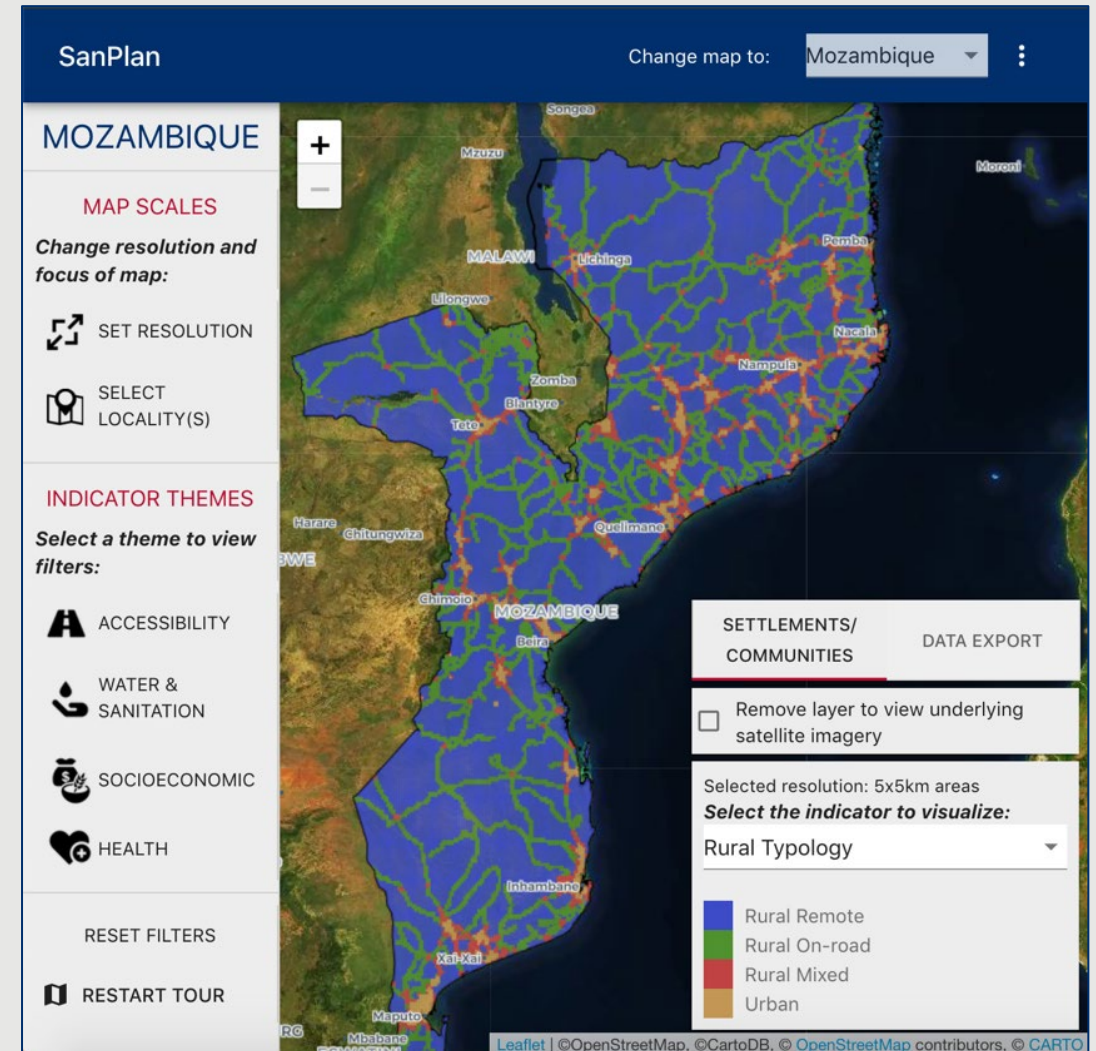
- The RRSG is comprehensive set of resources on how to design, cost and implement programs for rural sanitation, authored by WaterAid, UNICEF and Plan International (published in 2019).
- As a step in the RRSG, followers categorize their community into a typology: rural remote, rural on-road, or rural mixed to help determine an appropriate intervention.
  - Categorizing community by community could require significant primary data collection.



How might we leverage existing datasets for analysis at-scale?

# Enter SanPlan: The Sanitation Planning Tool

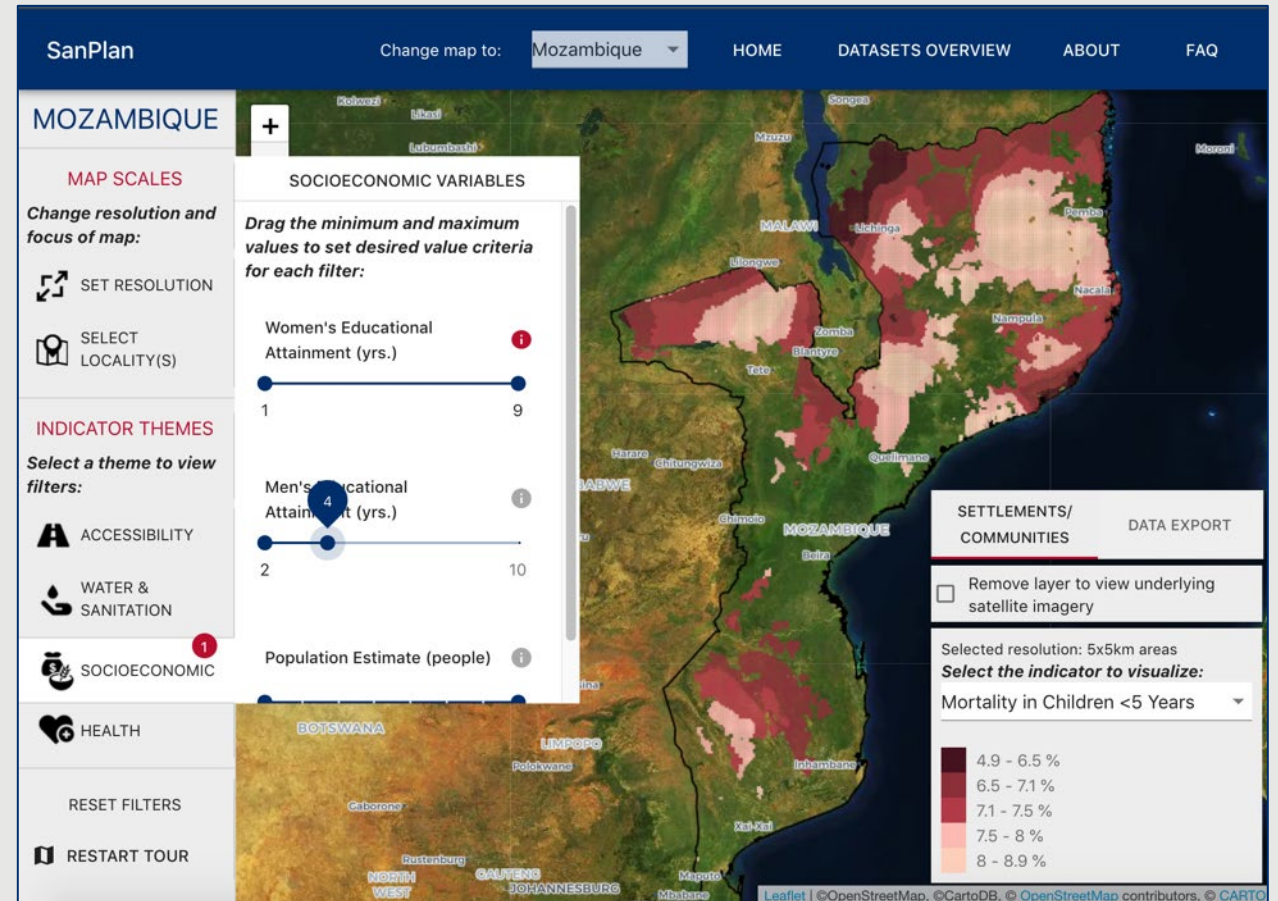
- SanPlan gives sanitation practitioners the power to make decisions about their programs by allowing them to explore **highly-localized, contextual, spatial data without GIS expertise**.
- SanPlan includes a unique, multi-country map layer to designate all areas within a country into 1 of 4 typologies indicating accessibility and remoteness (aligned with Rethinking Rural Sanitation Guidance).
  - Rural remote
  - Rural on-road
  - Rural mixed
  - Urban



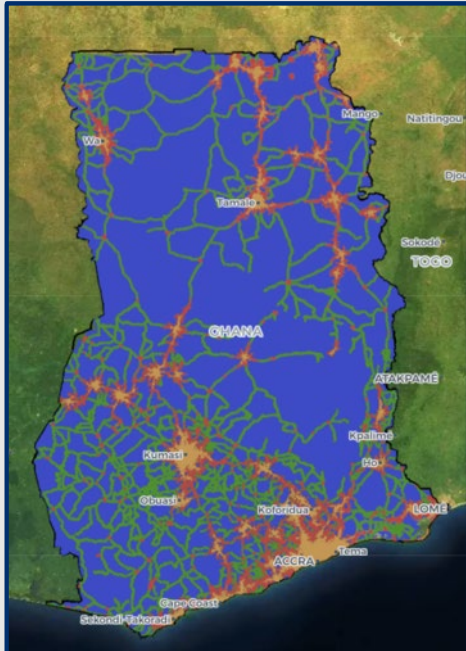
# SanPlan aligns contextual datasets and allows for multi-variable location targeting.

Users can explore the following datasets down to the 5km pixel-level:

Accessibility	Rural typology Travel time to cities Distance to roadways Distance to towns
WASH	Population practicing open defecation Reliance on unimproved sanitation Reliance on unimproved water
Socio	Population estimate Men's/women's educational attainment
Health	Annual diarrhea incidence in children <5 Under 5 mortality Predicted annual cholera incidence

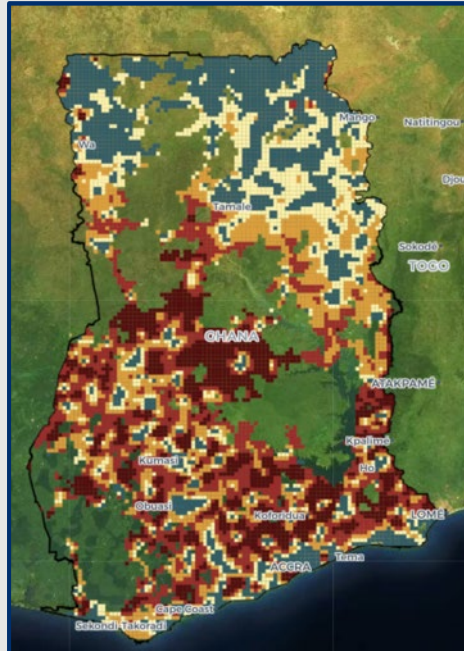


# SanPlan has five primary analysis features.



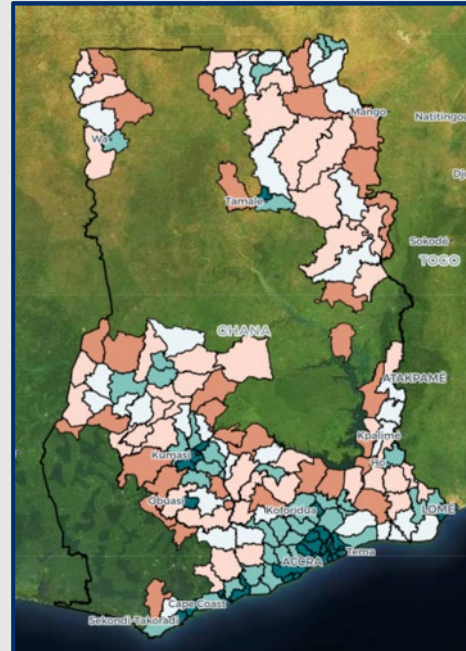
## 1km Rural Typology Classification

*Areas categorized as urban, rural mixed, on-road, & remote*



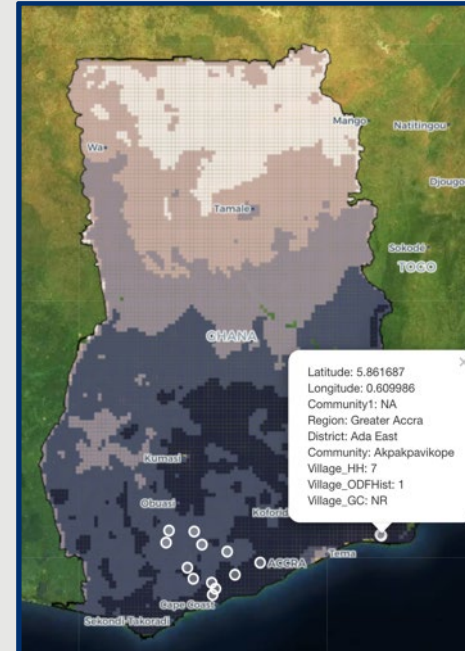
## 5km area pixel level contextual analysis

*Multi-variable filtering with user-inputted criteria*



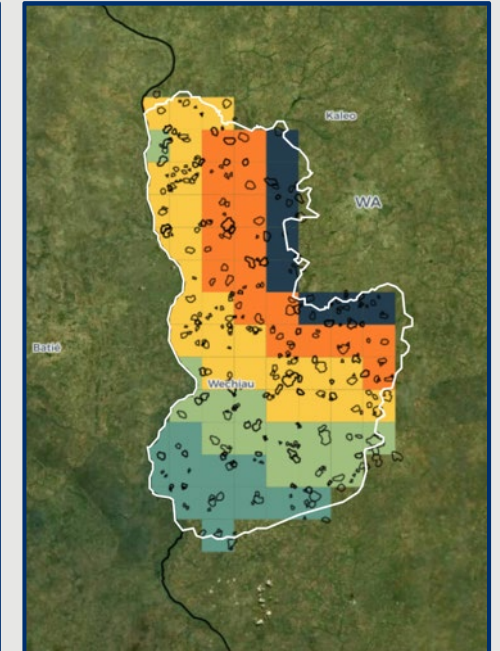
## Administrative-level contextual analysis

*Multi-variable filtering with user-inputted criteria*



## User-added community situating

*Visualize project communities and extract data at locations*



## Estimated settlement mapping (Beta)

*Locate and extract data for probable community boundaries*

# Use Case: Facilitating Rethinking Rural Sanitation Guidance with local government staff

Sokha Mok | Program Manager, WaterAid Cambodia

## **Sokha's role:**

- Working with systems strengthening at the provincial- and district-levels
- Improve coordination and programming of local governments (planning and monitoring of ODF commitments and progress)

## **Use case preface:**

- WaterAid, a co-author of the RRSRG, is using the guidance while working with local governments to roll out rural sanitation programs.
- WaterAid is now rolling out projects in, Niger, Rwanda, Cambodia, and Nigeria, working with local governments to survey each community (via mWater) to calculate the appropriate rural typology.
- They use the rural typology information, along with information on challenging contexts (e.g. flood burden) and sanitation access in their decision-making process.

# Use Case: Formative assessment for funder's RFP

Nicole Helme | Senior Monitoring, Evaluation & Learning Specialist, Global Communities

## **Nicole's role:**

- Providing monitoring & evaluation technical assistance to the WASH portfolio of projects
- Helping the team make data-driven decisions
- Formative assessments at the outset of programming to inform activities and approaches

## **Use case preface:**

- Global Communities is preparing a technical response for a new grant aiming to improve WASH access in Ghana
- RFP priorities:
  - The geographic scope should include the USAID/Feed the Future zone of influence (17 districts in 4 regions)
  - Interventions should target poor, densely populated areas with growing populations
- Global Communities also prioritizes areas with high need:
  - Low levels of sanitation access and use
  - Low levels of safe drinking water access



CHECK IT OUT!  
[www.SanPlan.app](http://www.SanPlan.app)

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## WE WANT TO HEAR FROM YOU!

- If you are interested in using the tool for your own programming and would like extra support!
- If you find a bug!
- If you used it on your own and are willing to provide feedback!
- If you would like to see an additional country supported!

[support@sanplan.app](mailto:support@sanplan.app)