TANZANIA ENERGY ACCESS MAPS:

*Interactive Market Exploration Tool*

SANJOY SANYAL
PURPOSE

• To create a visualization tool for exploring energy access in Tanzania
• Locate off-grid market opportunities
• Data:
  – Tanzania Energy Access Situation (2016)
    • Household Electrification (regional data)
    • Mobile Phone Ownership (Pay-As-You-Go Viability)
    • Kerosene and Solar Lighting
  – Energy Infrastructure Locations
    • Transmission Lines
    • Mini-Grids
  – Census (2012):
    • Livestock Ownership
    • Iron Sheet Roofing
    • Radio Ownership
    • Household Electrification (district-level data)
MINI-GRID SUPPLY EXPLORATION

Interactive interface for exploration of existing and proposed mini-grids
ELECTRICITY GAINS 2012-2016

Electrification Gains 2012-2016

From 2012 to 2016 every region in Tanzania experienced gains due to national electrification efforts. The darker the region the more significant the gains. Click on regions for more information.

Note: The electrification data was collected by two different surveys (2012 Census, 2016 Energy Situation Survey) and therefore the different survey method may lead to data discrepancies.

Kerosene Use

This map reflects the data in use...
SOLAR POWER SUPPLY

National:
- Grid: 74.9%
- Solar: 24.7%
- Other: 0.3%

Rural:
- Grid: 34.5%
- Solar: 64.8%
- Other: 0.6%

LEGEND
% with Electricity Using Solar
- > 46 to 75
- > 35 to 46
- > 19.4 to 35
- 0 to 19.4

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KEROSENE CONSUMPTION HAS DECREASED

Rechargeable Lights: 45%
Kerosene: 22.3%

Decrease in Kerosene Use
DISTRICT ANALYSIS

• Public and private market analysis at the district level
• User can apply indicator filters to display qualifying districts
• Accounts for varying investor interests
• DEMO