



WORLD  
RESOURCES  
INSTITUTE

# TANZANIA ENERGY ACCESS MAPS:

*Interactive Market Exploration Tool*

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# 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

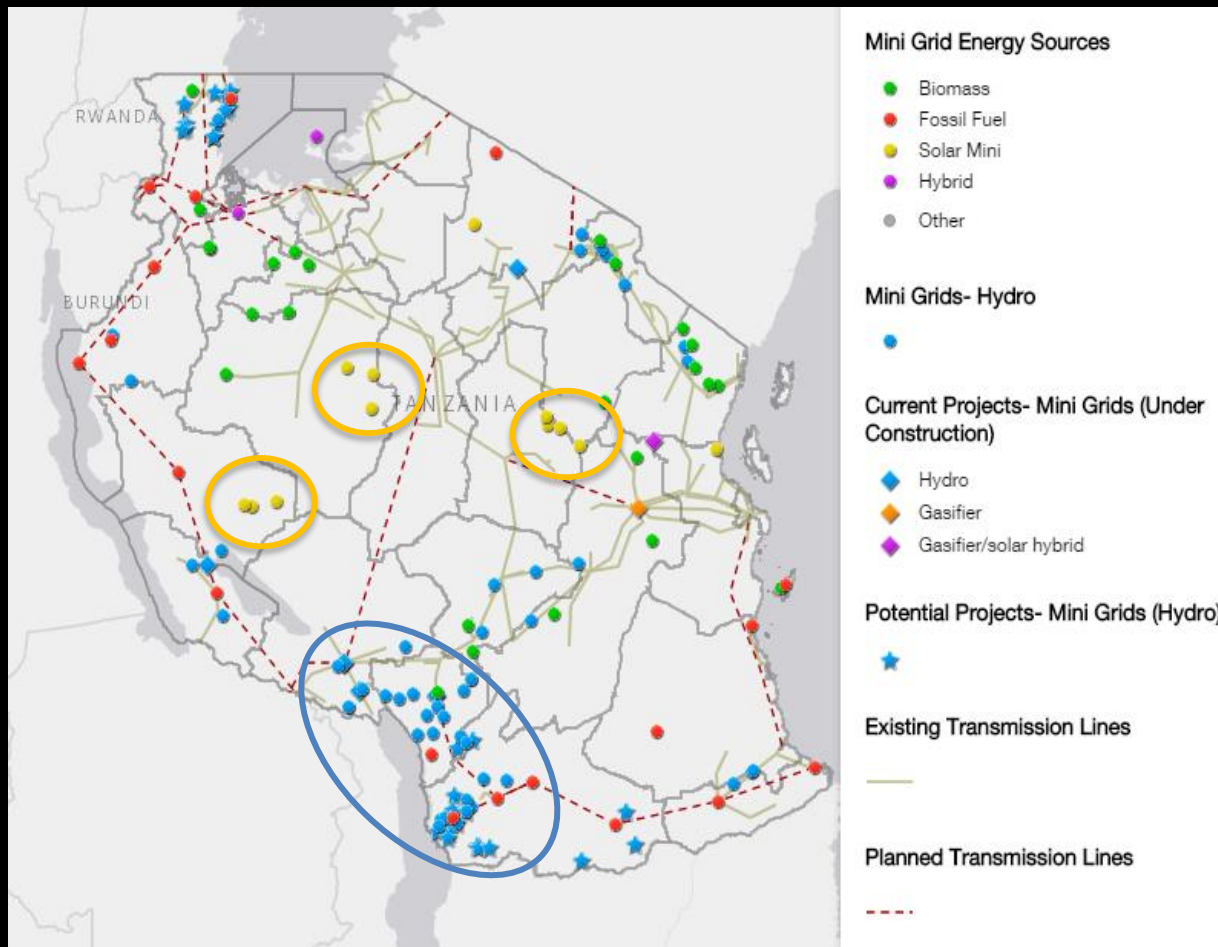
- Locations

- Transmission Lines
    - Mini-Grids

- Census (2012):

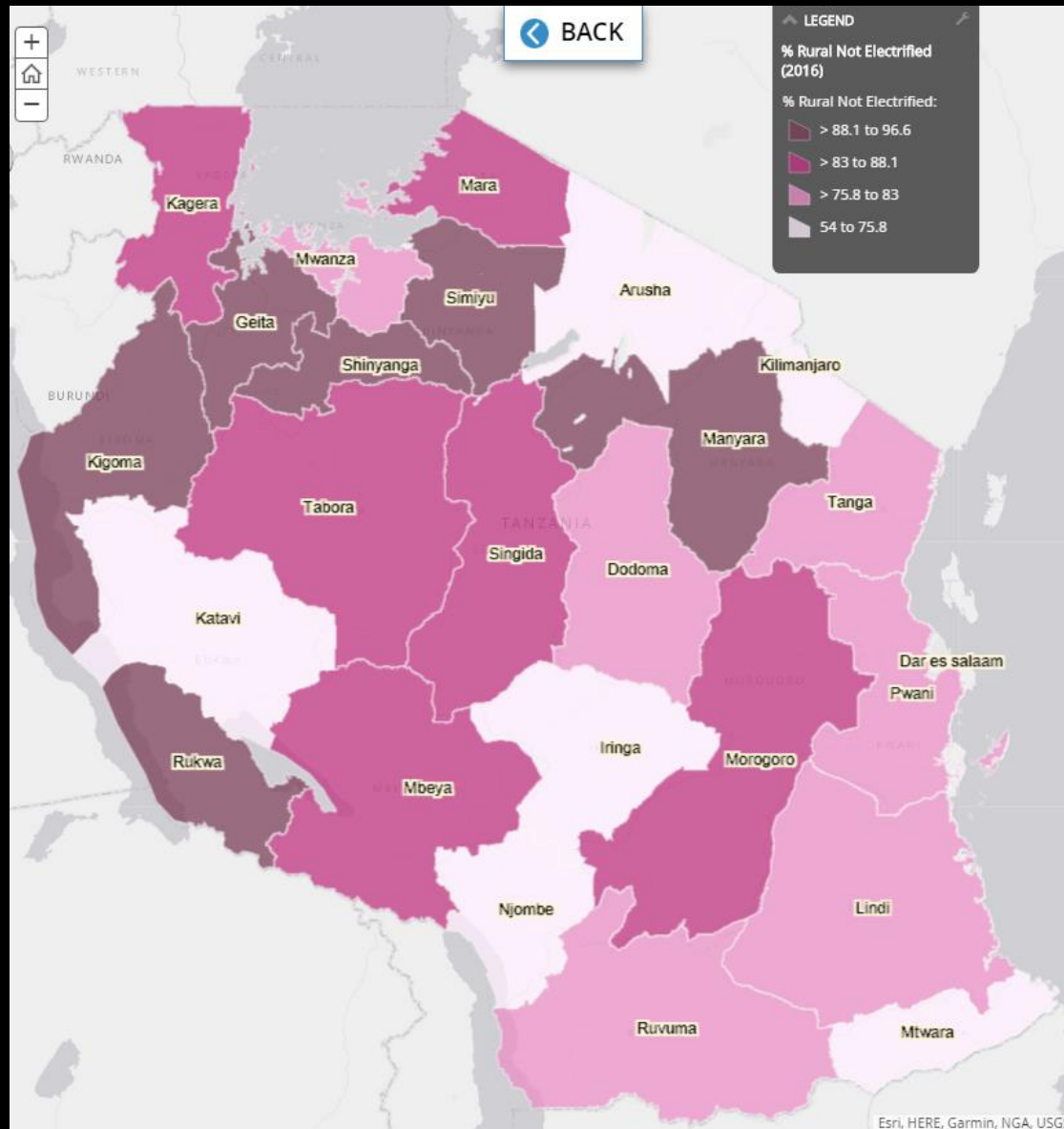
- Livestock Ownership
      - Iron Sheet Roofing
      - Radio Ownership
      - Household Electrification (district-level data)
- } Economic Indicators

# MINI-GRID SUPPLY EXPLORATION



Interactive interface for exploration of existing and proposed mini-grids

# RURAL ELECTRIFICATION STATUS 2016



# ELECTRICITY GAINS 2012-2016

A story map    

## Mapping Energy Access: Tanzania

[Data Source](#)

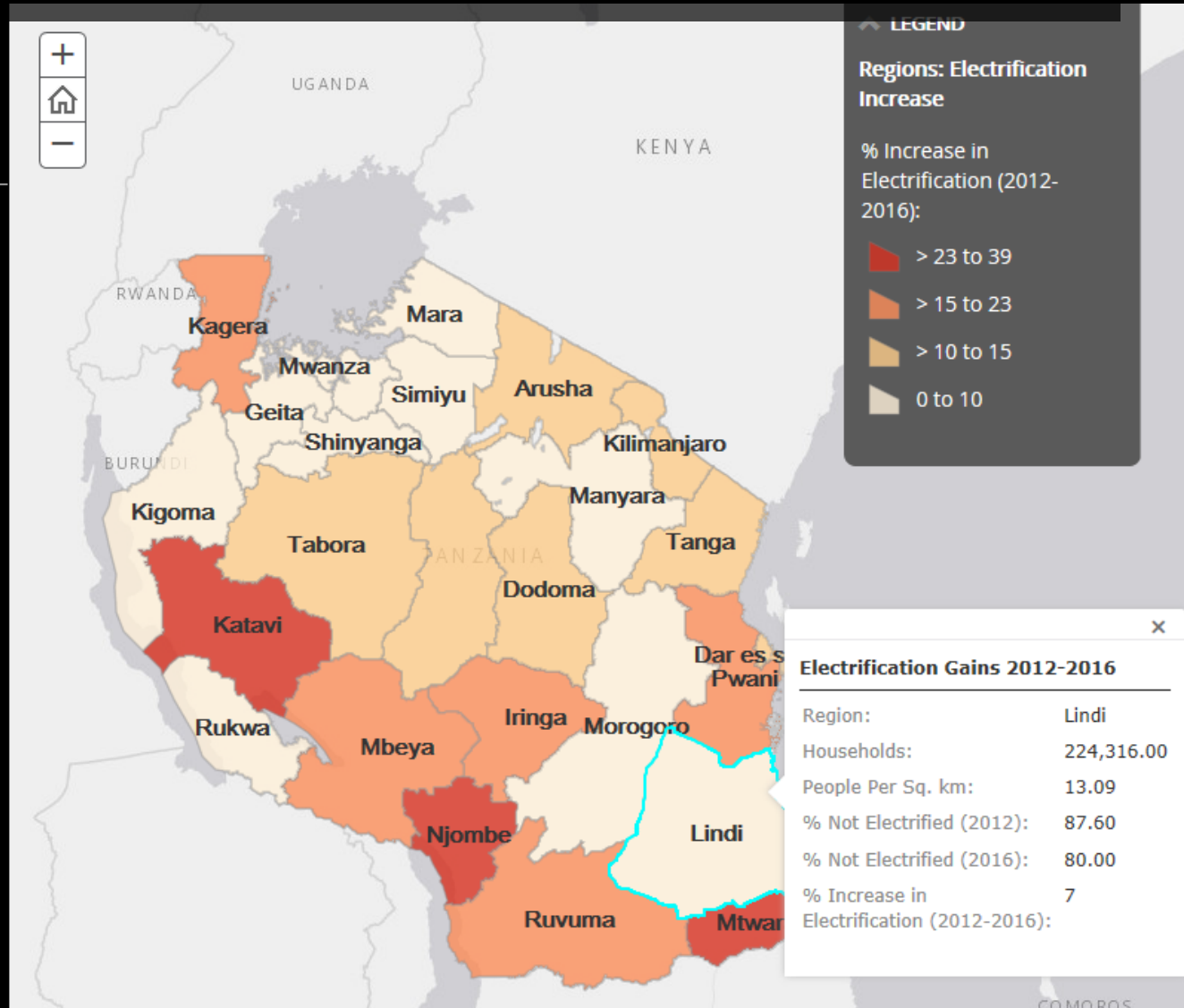
### Electrification Gains 2012-2016

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.

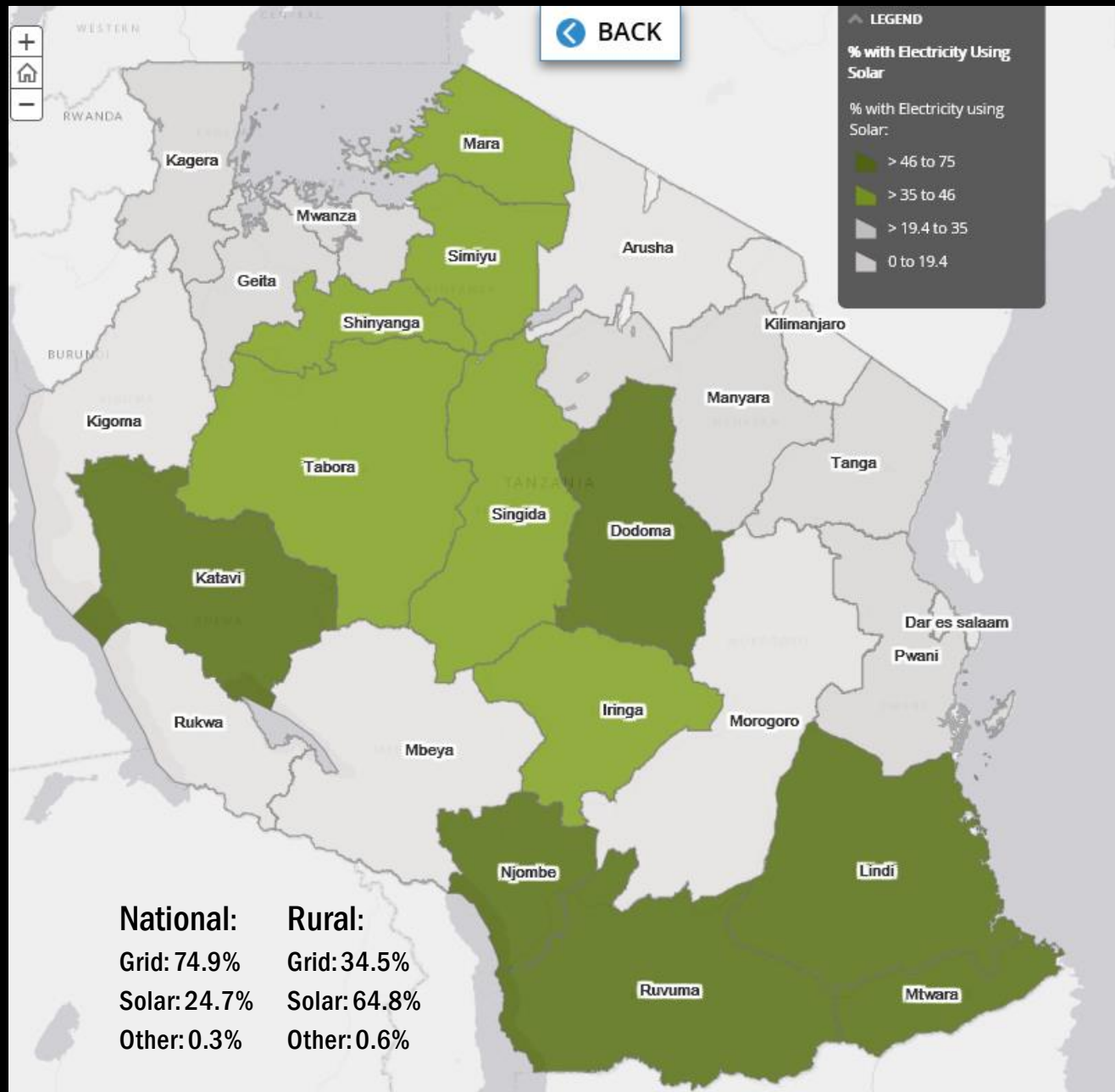
Note: The electrification data was collected by two different surveys (2012 Census, 2016 Energy Situation Survey) and therefore the different survey method may lead to data discrepancies

### Kerosene Use

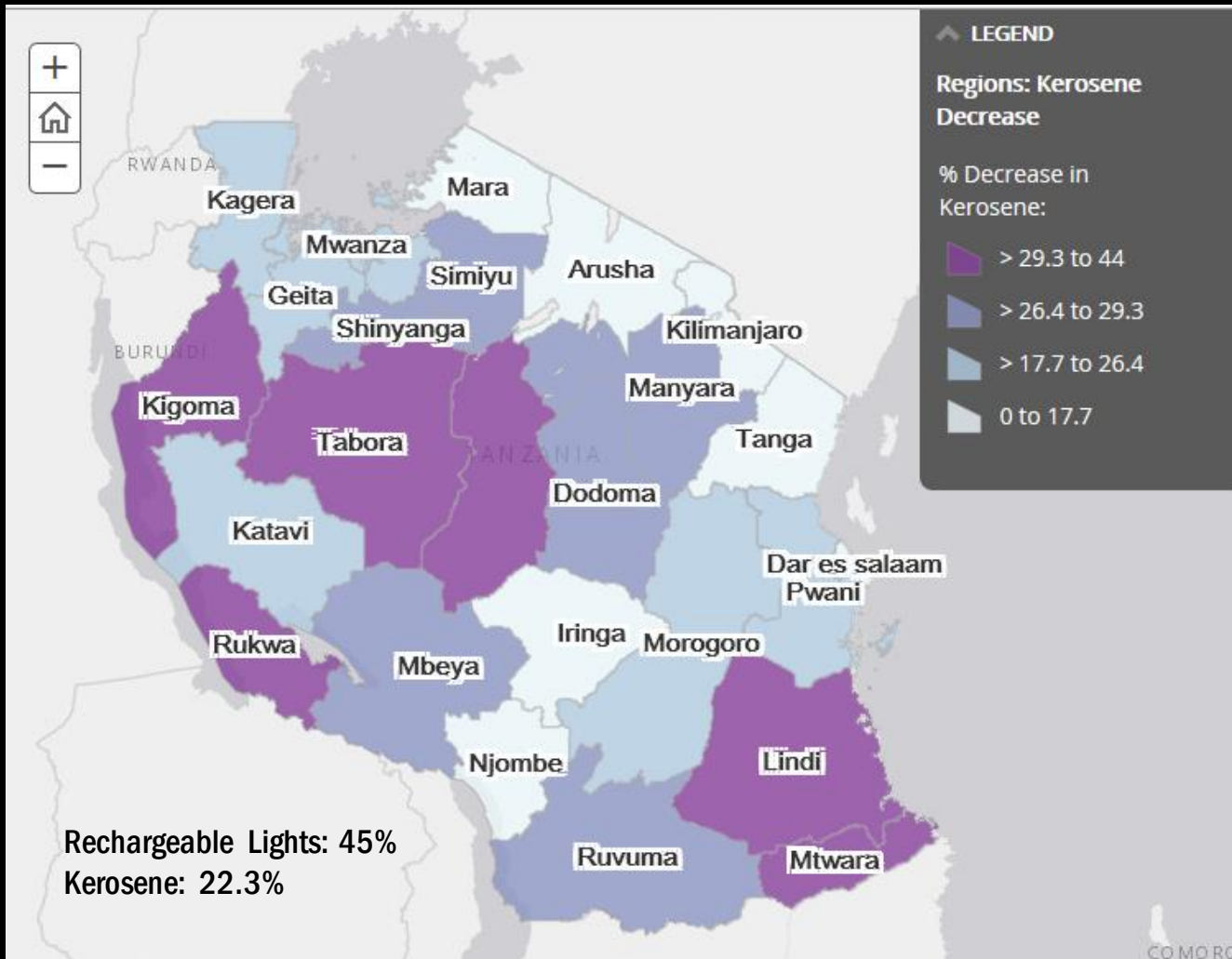
This map portrays the decrease in use



# SOLAR POWER SUPPLY

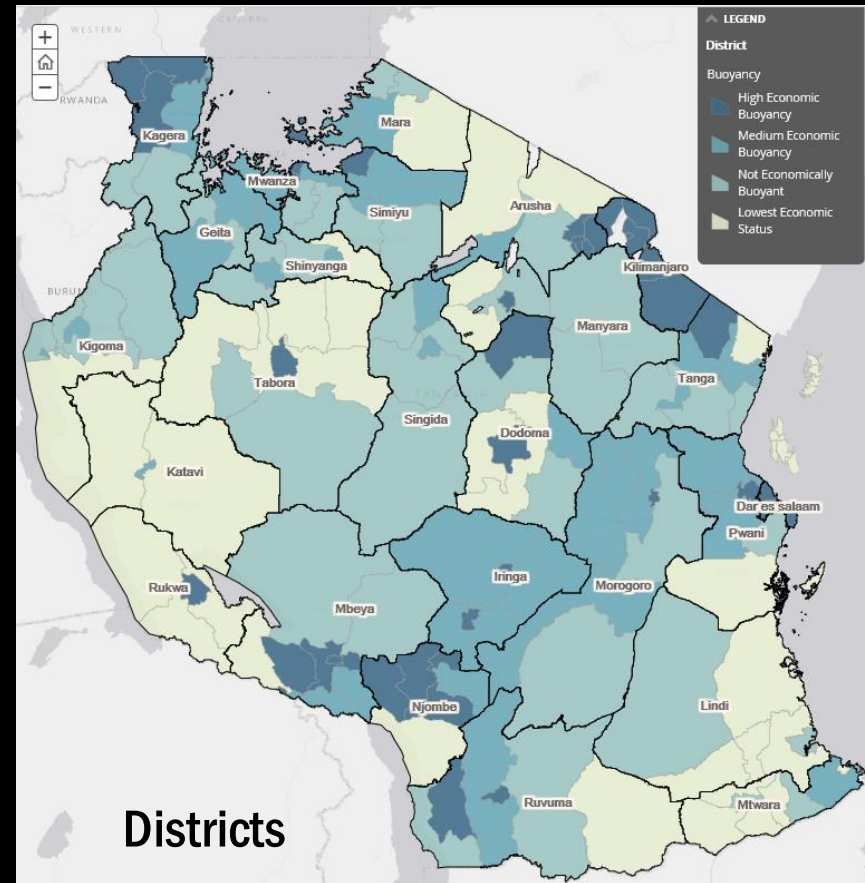
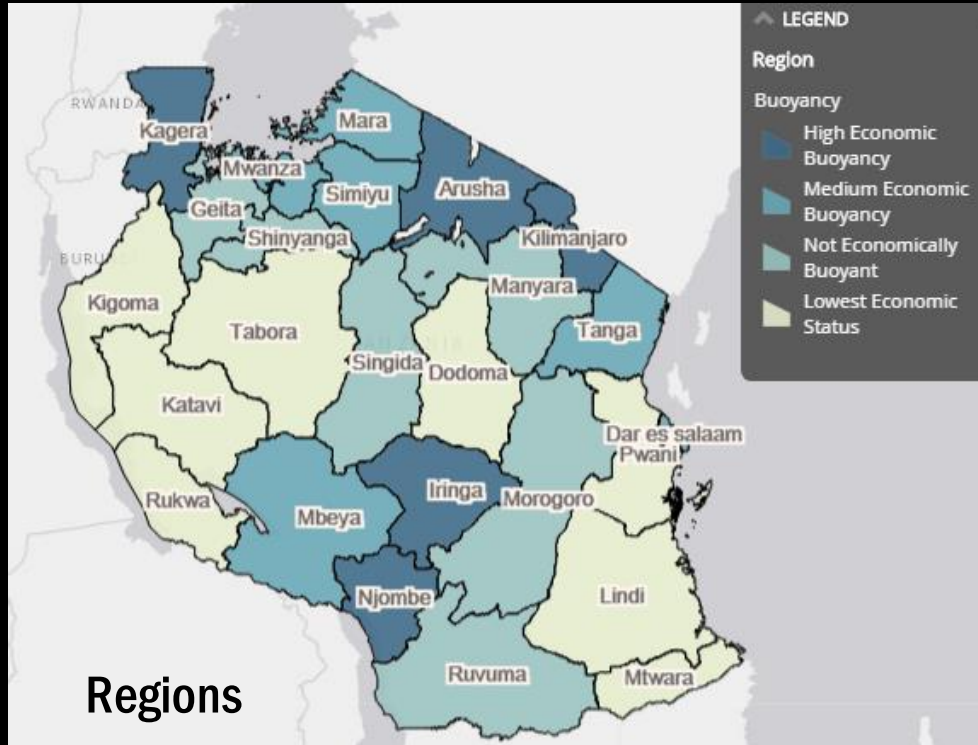


# KEROSENE CONSUMPTION HAS DECREASED



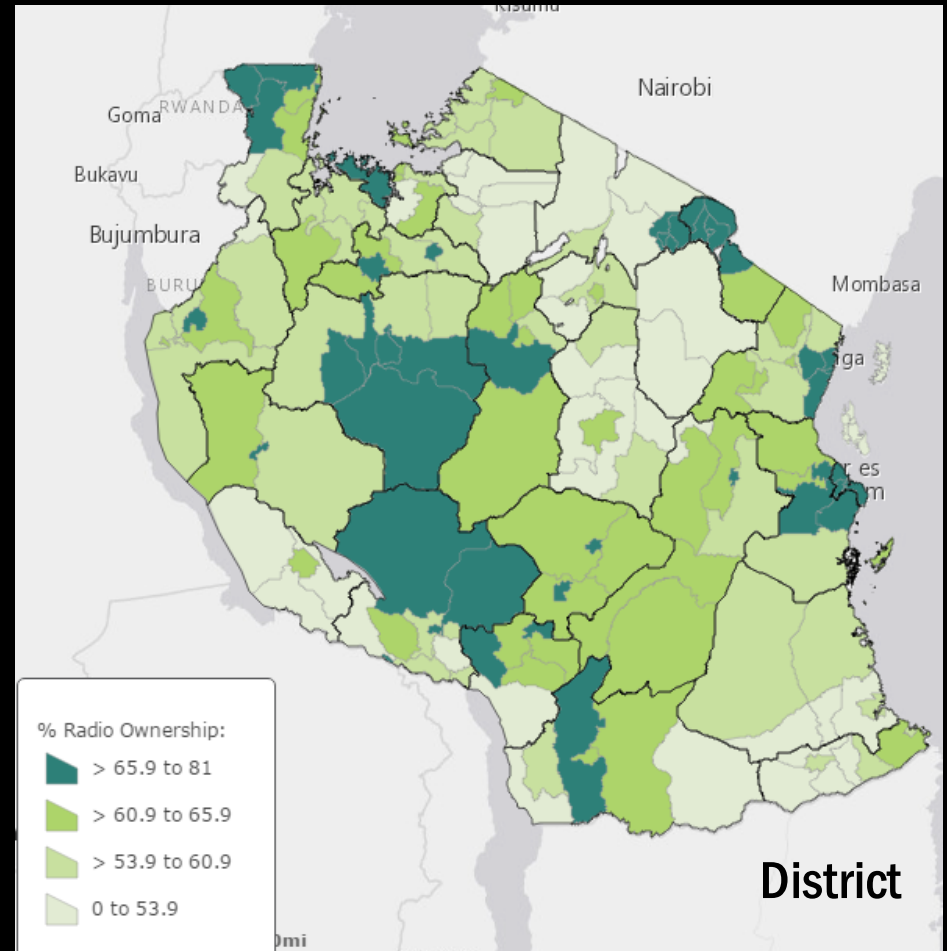
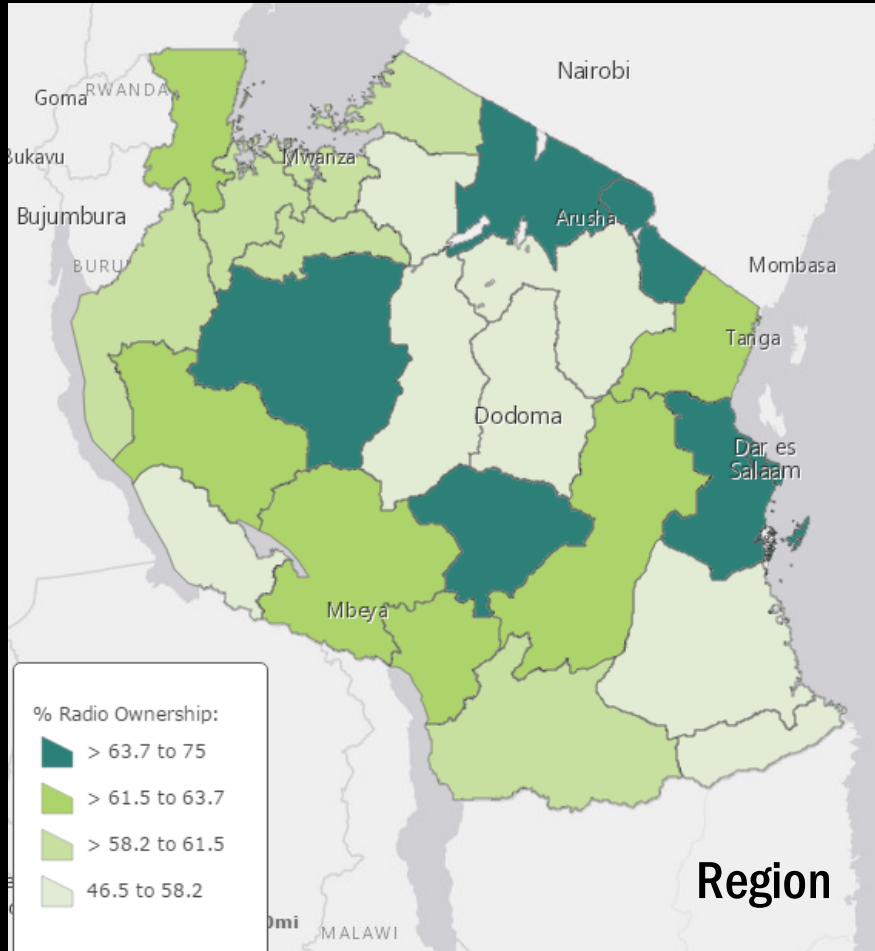
Decrease in Kerosene Use

# ECONOMIC BUOYANCY



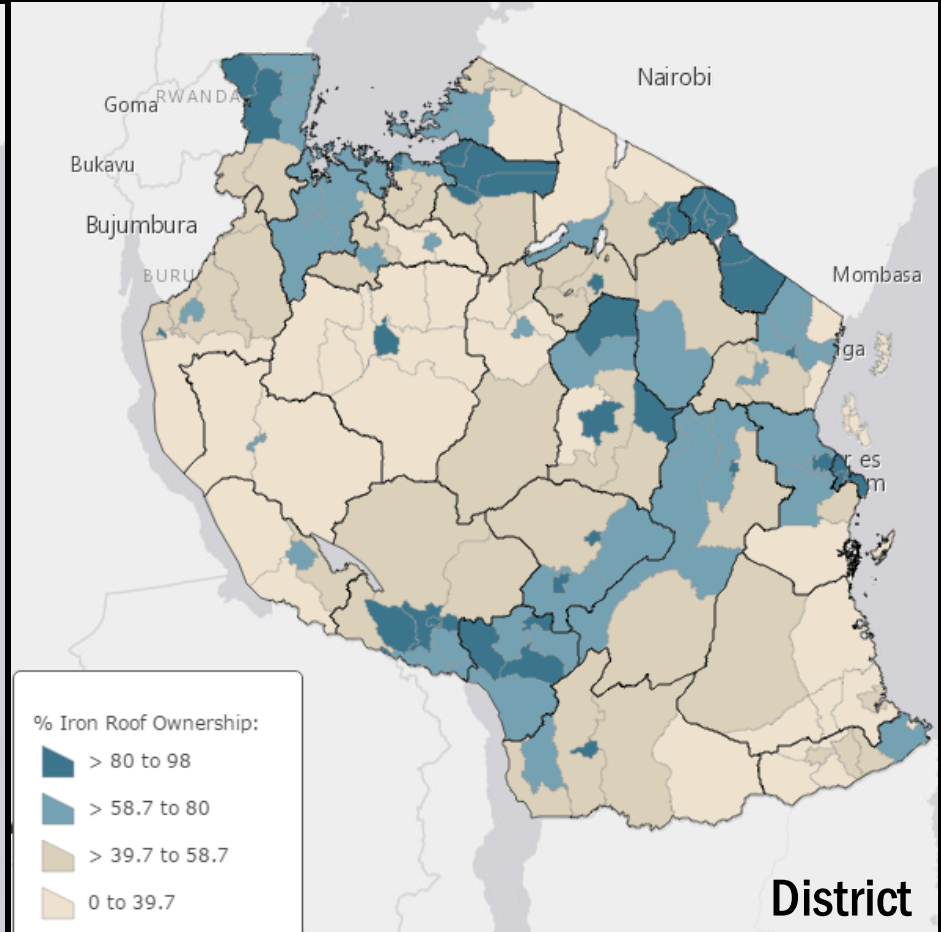
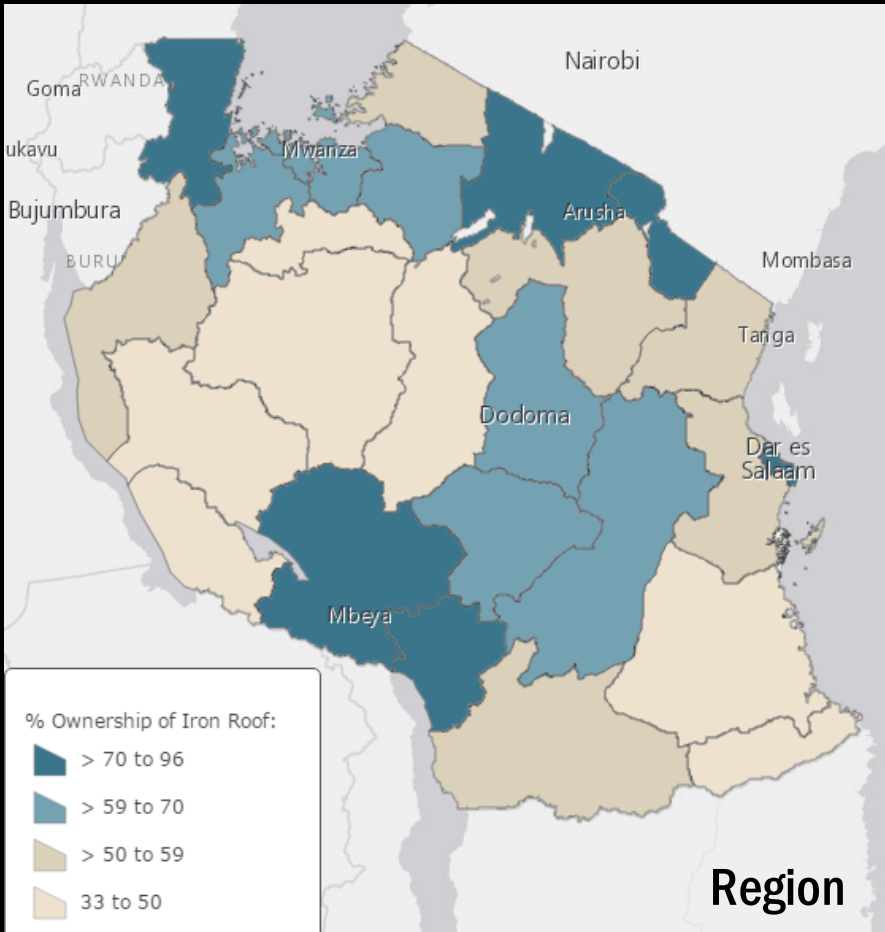


# SOCIOECONOMIC INDICATORS AND ENERGY



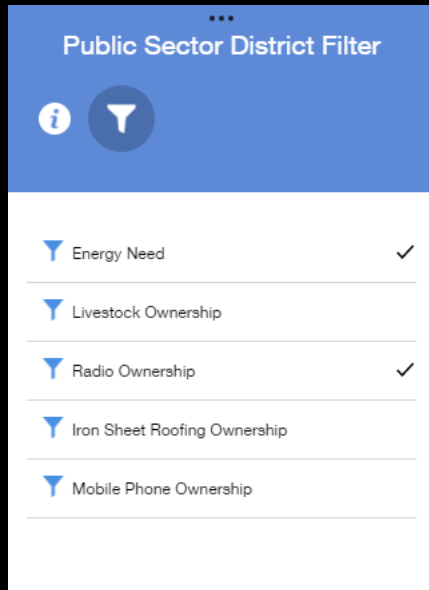
Radio Ownership

# SOCIOECONOMIC INDICATORS AND ENERGY



Iron Sheet Roofing ownership

# 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](#)

# QUESTIONS AND SUGGESTIONS

