

# Getting Started Guide - Mini-grid

This Getting Started Guide will walk you through the following scenario: finding all of the communities in Ondo state that are more than 10km from the grid, have more than 200 households, and less than 40% households have access to electricity in the community. Then, the guide will review the process for downloading all of the data about the desired communities in a .csv file.

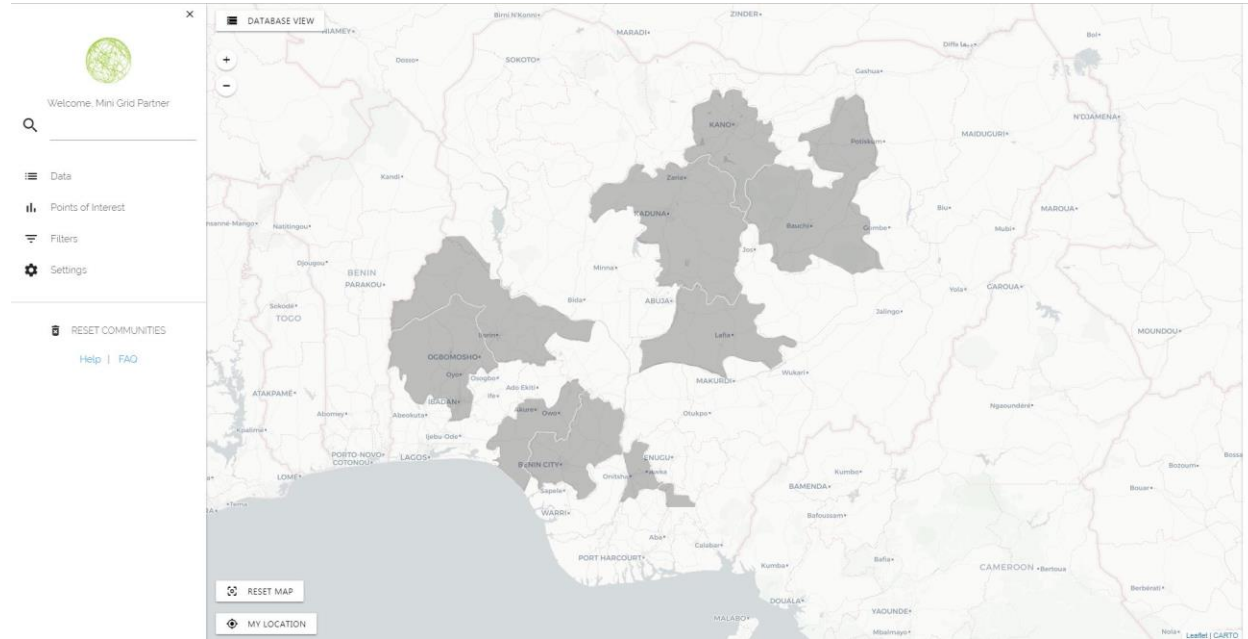
For answers to questions about data definitions and symbology (i.e. circle colors), please see the FAQ on the app.

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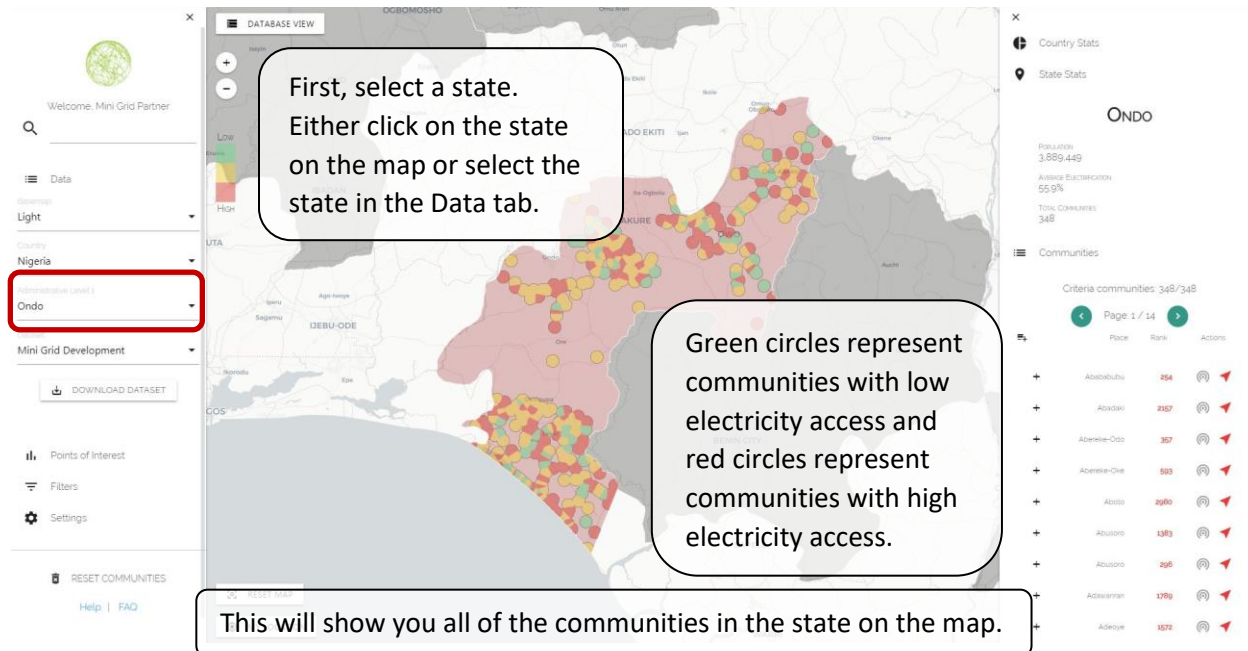
## Welcome Screen

When you first open the app, you will see this map and a menu on the left-hand side.



## Select App Functionalities

Filtering communities in a state that meet distance to grid, household, and electricity access criteria



Next, use the Filters tab to select communities that meet your criteria.

For the filters, the minimum and maximum changes based on the state.

50 communities in Ondo meet the filter criteria.

Communities that do not meet the filter criteria will be greyed-out in the table on the right.

The map will only display the communities that meet the filter criteria.

Criteria communities: 50/348

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Place	Rank	Actions
Abokoro	354	+
Akure	352	+
Akure-Ode	357	+
Akure-Ode	353	+
Abokoro	2960	+
Akure	1980	+
Akure	358	+
Akure-Ode	1296	+
Akure	355	+

### Adding communities to the active selection

Then, to add all communities that meet the filter criteria, click the **add all threshold clusters** button. This will add all of the data to the active selection in the database view.

Click **Database View** to see the database.

The individual plus button only will add that one community to the active selection.

Criteria communities: 50/348

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Place	Rank	Actions
Abokoro	354	+
Akure	352	+
Akure-Ode	357	+
Akure-Ode	353	+
Abokoro	2960	+
Akure	1980	+
Akure	358	+
Akure-Ode	1296	+
Akure	355	+

## Downloading data on communities in active selection

The screenshot shows the 'Mini Grid Development' interface. On the left, there are filters for 'Households', 'Electricity Access', and 'Distance to the Grid (km)'. The main area is split into two views: 'DATABASE' and 'ACTIVE SELECTION'. The 'DATABASE' view displays a table with columns: Cluster ID, Rank, Score, Place, Enumeration Area, Households, Electricity Access, IG Households, G2 Households, G3 Households, Distance to Electrical Grid (km), Distance to Primary Road (km), Exposure to Violence, Households Spending Under 250k, Energy Demand (kWh), TV Viewers, and a 'List' button. A red box highlights the 'DOWNLOAD SELECTED DATA' button in the 'DATABASE' view. A callout box points to the 'ACTIVE SELECTION' view with the text: 'Once in the database view, click on **Active Selection**.' Another callout box points to the 'DOWNLOAD SELECTED DATA' button with the text: 'Once in the Active Selection view, click **Download Selected Data** to download the data.' On the right, the 'ACTIVE SELECTION' view shows a summary for 'ONDO' with statistics: Population: 3,839,449; Average Electrification: 55.9%; Total Communities: 348. Below this is a table of selected communities with columns for Place, Rank, and Actions.

## Difference between Database and Active Selection

The screenshot shows the 'Mini Grid Development' interface with the 'DATABASE' and 'ACTIVE SELECTION' views. The 'DATABASE' view has a 'DOWNLOAD SELECTED DATA' button, and the 'ACTIVE SELECTION' view has a 'CREATE ROUTE FROM SELECTED COMMUNITIES' button. A callout box for the 'DATABASE' view states: 'The **Database** view shows only the communities that meet the filters for the selected state.' A callout box for the 'ACTIVE SELECTION' view states: 'You can select a different state and add new communities to the active selection (in addition to the communities that were initially added).' A third callout box at the bottom states: 'Note: all of the filters reset when you select a different state.' On the right, the 'ACTIVE SELECTION' view shows a summary for 'ONDO' with statistics: Population: 3,839,449; Average Electrification: 55.9%; Total Communities: 348. Below this is a table of selected communities with columns for Place, Rank, and Actions.

## Removing all communities from active selection

The **Reset Communities** button removes *all* communities from the active selection.

Now, you can select a different state and different filters.

## Searching for a community by name

Enter a community name in the search bar. If such a community can be found, a drop-down menu will appear. Click on the community in the drop-down menu.

Once the community has been selected, you will see the circle representing the community will have a thick white border around it.

Owa	
Households: 174	Score: -0.18
Electricity Access: 64%	Energy Demand (kWh): 44 kWh
G1 Households: 22%	G2 Households: 16%
G3 Households: 15%	
Exposure to Violence: 1%	
Distance to Electrical Grid (km): 16 km	Distance to Primary Road (km): 10 km

+	Owa	1024	📍	🚩
+	Owa		📍	🚩
+	Owole	249	📍	🚩
+	Owole	1561	📍	🚩
+	Owole	1556	📍	🚩
+	Dyale	776	📍	🚩
+	Oyi-Agbarike	1974	📍	🚩

## Frequently Asked Questions (FAQ)

