

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.

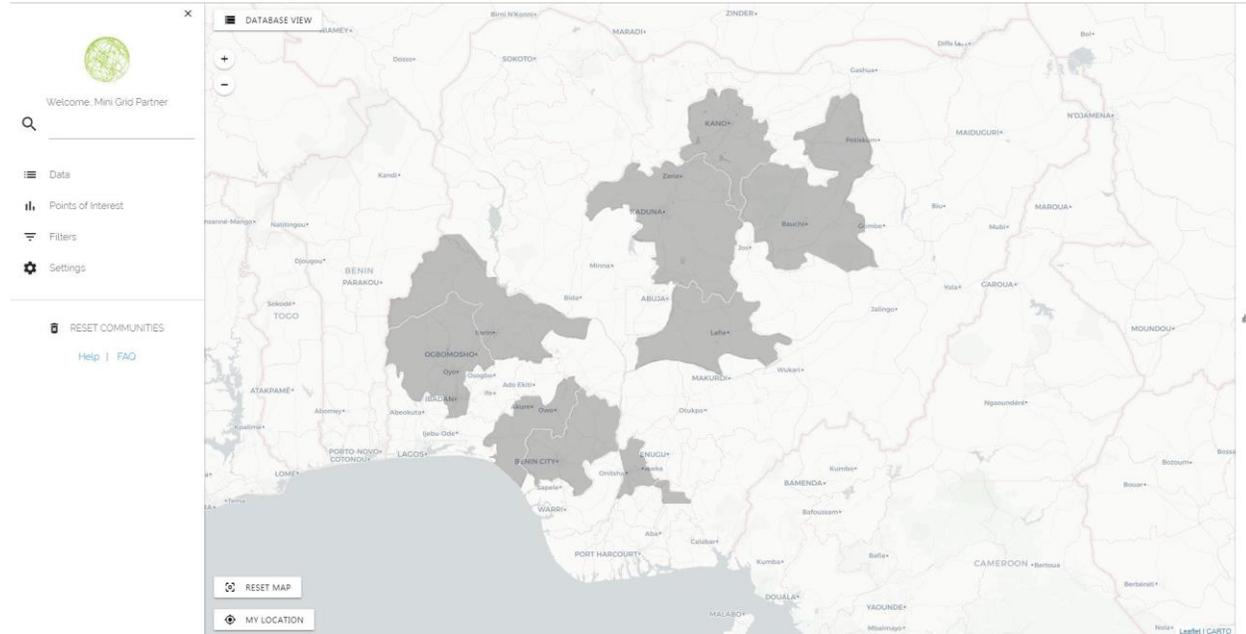
For answers to questions about data definitions and symbology (i.e. circle colors), please see the FAQ on the app.

Table of Contents

Welcome Screen	2
Select App Functionalities.....	2
Filtering communities in a state that meet distance to grid, household, and electricity access criteria .	2
Adding communities to the active selection	3
Downloading data on communities in active selection.....	4
Difference between Database and Active Selection.....	4
Removing all communities from active selection	5
Searching for a community by name	5
Frequently Asked Questions (FAQ).....	6

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

This screenshot illustrates the app's filtering functionality. A callout box points to the 'Ondo' state selected in the 'Country' dropdown menu. Another callout box explains that green circles on the map represent communities with low electricity access, while red circles represent those with high electricity access. A third callout box states that this view shows all communities in the selected state. On the right, a 'State Stats' panel for Ondo shows population (3,889,449), average electrification (55.0%), and total communities (348). Below this is a table of communities with columns for Name, Rank, and Actions.

Name	Rank	Actions
Abiodun	254	[Icons]
Adedun	257	[Icons]
Adewale-Ode	307	[Icons]
Adewale-Oke	593	[Icons]
Adeso	2980	[Icons]
Adugbo	1383	[Icons]
Adugbo	295	[Icons]
Adugbo	1790	[Icons]
Adokun	1572	[Icons]

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

Place	Rank	Actions
Abokunle	352	[+]
Abokunle	357	[+]
Abokunle	363	[+]
Abokunle	368	[+]
Abokunle	374	[+]
Abokunle	379	[+]
Abokunle	385	[+]
Abokunle	390	[+]
Abokunle	396	[+]
Abokunle	401	[+]
Abokunle	407	[+]
Abokunle	412	[+]
Abokunle	418	[+]
Abokunle	423	[+]
Abokunle	429	[+]
Abokunle	434	[+]
Abokunle	440	[+]
Abokunle	445	[+]
Abokunle	451	[+]
Abokunle	456	[+]
Abokunle	462	[+]
Abokunle	467	[+]
Abokunle	473	[+]
Abokunle	478	[+]
Abokunle	484	[+]
Abokunle	489	[+]
Abokunle	495	[+]
Abokunle	500	[+]

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

Place	Rank	Actions
Abokunle	352	[+]
Abokunle	357	[+]
Abokunle	363	[+]
Abokunle	368	[+]
Abokunle	374	[+]
Abokunle	379	[+]
Abokunle	385	[+]
Abokunle	390	[+]
Abokunle	396	[+]
Abokunle	401	[+]
Abokunle	407	[+]
Abokunle	412	[+]
Abokunle	418	[+]
Abokunle	423	[+]
Abokunle	429	[+]
Abokunle	434	[+]
Abokunle	440	[+]
Abokunle	445	[+]
Abokunle	451	[+]
Abokunle	456	[+]
Abokunle	462	[+]
Abokunle	467	[+]
Abokunle	473	[+]
Abokunle	478	[+]
Abokunle	484	[+]
Abokunle	489	[+]
Abokunle	495	[+]
Abokunle	500	[+]

Downloading data on communities in active selection

The screenshot displays 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 shows a table with columns: Cluster ID, Rank, Score, Place, Enumeration Area, Households, Electricity Access, G1 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 50/348 criteria communities, a 'Page 1 / 14' indicator, and a table with columns for Place, Rank, and Actions.

Difference between Database and Active Selection

The screenshot shows the Mini Grid Development interface with two views: 'DATABASE' and 'ACTIVE SELECTION'. 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 notes: "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 'Criteria communities: No region selected' and a 'Page 1 / 14' indicator.

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/h
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-Akpurinle	1974	📍	🚩

Frequently Asked Questions (FAQ)

