

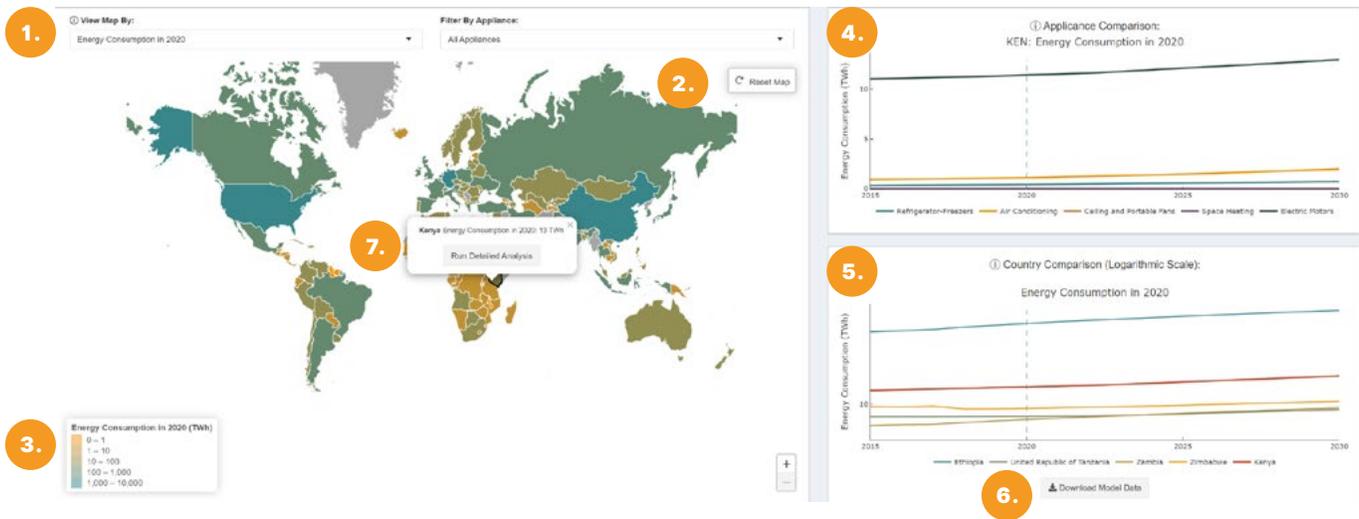
Mepsy

Quick-Start Guide

Mepsy is CLASP’s appliance and equipment climate impact calculator. This free online tool allows users to review efficiency policy opportunities in a single country or globally, compare the benefits of policies for different products, and compare the impacts of different policy options.

GLOBAL VIEW

Launching the tool displays an interactive map. Click on a country to explore its energy use, CO₂ emissions, and appliance data and compare it with others in the region or the world.



KEY

1. Select a metric from the dropdown menu and choose a country and appliance to see basic scenario analysis. The graphs on the right will update with more detailed national and regional outputs
2. Zoom and scroll the map to select a country.
3. Country colors indicate scenario totals for energy, CO₂ reductions, or appliances in use across all the appliances modeled.
4. See how appliances compare in the selected country.
5. See how the selected country compares with the top five in the world or the top five in its region.
6. Download the model outputs as a CSV file.
7. With a country selected, click on “Run Detailed Analysis” for more granular data options in the Detail View

DETAIL VIEW: INPUTS

This screen allows users to dive deeper into the data and test different policy and market assumptions. Use the input tables to select a scenario and date range and enter optional policy parameters. Click “Calculate” to run the analysis and display energy, climate, and consumer impacts.

KEY

1. Select the scenario and policy dates you want to analyze
2. Select an optional field to open a new data window and display the model's default values. Entering a value overrides the default.
3. Enter or review annual shipments for the country being analyzed
4. Enter or review equipment data such as energy consumption, cost, and changes over time
5. Enter or review basic economic data
6. Enter or review energy sector data such as consumer costs and the grid emissions factor.
7. Enter data if part of the market consists of used appliances or is otherwise unregulated.
8. Click “Calculate” to run the analysis
9. Click “Return to Global View” to go back to the previous screen

