FOR CLEAN ENERGY ENTREPRENEURS

What is Energy Access Explorer?

Energy Access Explorer is a web platform that leverages the power of satellite imagery combined with local data to visualize energy supply and demand at 1 km² resolution. Using data to link energy supply with growing energy demand is essential to gain a better picture of energy access around the world and expand electricity services to those who do not have access.

The tool compiles current, location-specific data on energy resource availability (including wind, solar, small-scale hydropower, etc.) and infrastructure data (including road and grid networks, mini-grids and power plants) to represent where energy supply exists. Similarly, Energy Access Explorer compiles data on demographics (including population density, poverty rate and mobile phone ownership) and social/productive uses (including schools, health clinics and agricultural activities) to visualize energy demand.

How can Energy Access Explorer help clean energy entrepreneurs?

Energy Access Explorer's data and analysis enables entrepreneurs and off-grid developers to identify opportunities to expand their markets by visualizing where customers are located and where demand for electricity may be high.

In its next phase of development, Energy Access Explorer will give developers and entrepreneurs an overview of the costs of expanding electrification using different technologies, including grid expansion and mini-grid development.

Using the tool, an off-grid solar developer can identify areas unserved by electricity with high population density, high solar potential and relatively-high average income to determine the best locations to expand their businesses and bring electricity to more people.

VISIT **ENERGYACCESSEXPLORER.ORG** TO LEARN MORE.

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