U.S. DEPARTMENT OF ENERGY | Energy Efficiency & Renewable Energy

International Clean Energy Analysis Gateway

Assisting Developing Countries with Clean Energy Deployment

UNIDO

NREL National Renewable Energy Laboratory

Photo courtesy of UNIDO

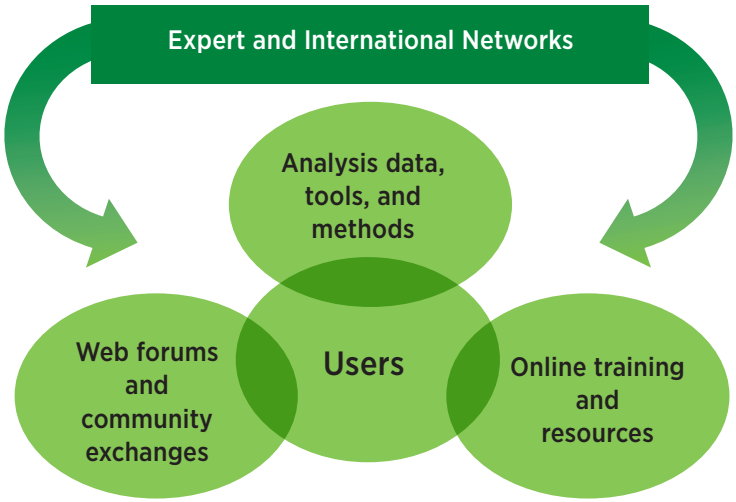
The gateway provides access to clean energy resources worldwide.

About the Gateway

The International Clean Energy Analysis Gateway seeks to enhance developing country access to energy efficiency and renewable energy analysis tools, databases, methods, and other technical resources in a dynamic user interaction environment. In addition to providing information on available tools, the gateway also is a platform for Web seminars, online training, peer networks, and expert assistance. The gateway is sponsored by the U.S. Department of Energy (DOE) and the United Nations Industrial Development Organization (UNIDO) and managed by the National Renewable Energy Laboratory (NREL). Further cooperation is desired with organizations that can help expand the information presented in the portal and assist with outreach and training.

openei.org/ICEA

Gateway Design



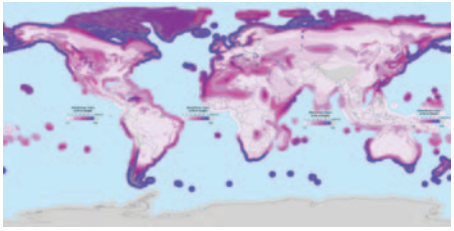
Gateway Technical Resources

Examples of tools and technical resources featured in the gateway are listed below.

Where can I find information about the renewable energy potential in my country?

- Renewable energy resource maps and data
- Geospatial Analysis Tools
- REN21 Renewables Global Status Report 2009

+ more



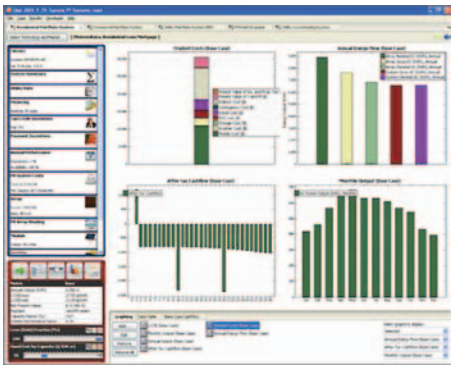
Global wind resource map

continued >

What software and information is available to help me screen and design renewable energy and energy efficiency projects or systems in my country?

- RETScreen Clean Energy Project Analysis Software
- DOE and UNIDO Industrial Efficiency Assessment Tools
- UNIDO's COMFAR
- World Bank Renewable Energy Toolkit
- ECN Energy Databases and Software
- NREL's HOMER, Solar Advisor Model (SAM), and EnergyPlus Models

+ more



Solar Advisor Model (SAM) screen shot

What analysis tools and methods can I use to study my country's energy system?

- Long Range Energy Alternatives Planning System (LEAP)
- United Nations Development Programme (UNDP) Energy Costing Tool
- EnergyPlan
- MARKAL/TIMES

+ more

SunPower/PIX 14594

Urban energy planning

Where can I find information about financing options for EERE projects in my country?

- United Nations Environment Programme (UNEP) Sustainable Energy Finance Initiative (SEFI)
- UNIDO Investment and Technology Promotion Offices
- Climate Technology Initiative (CTI) Private Financing Advisory Network
- UNEP-Riso CDM/JI Pipeline Analysis and Database and CDM Bazaar

+ more

Todd Spink/PIX 16541

Wind energy project

Please visit *openei.org/ICEA* to explore features of the site further. We welcome feedback on how we can improve this site and on additional tools and resources to include in the gateway, which we will expand over time. Please contact Sadie Cox at *sadie.cox@nrel.gov* for more information.

Photos below (left to right): Applied Power Corporation/PIX 08797, West Bengal Renewable Energy Development Agency/PIX 08904, Pacific Industrial Electric (PIE)/PIX 06132, Roger Taylor/PIX 01270, Elsen L. Karstad/PIX 12481.

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