



SUSTAINABLE  
ENERGY FOR ALL

ENERGY ACCESS  
PRACTITIONER NETWORK

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# Webinar: “The Current State of Energy Access in India”

**Richenda Van Leeuwen**  
Executive Director, Energy Access  
United Nations Foundation

[www.unfoundation.org](http://www.unfoundation.org)

[www.energyaccess.org](http://www.energyaccess.org)

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# Sustainable Energy for All Initiative

**1.2 billion people** worldwide are without access to electricity, and a billion more have only intermittent access. **2.8 billion** people lack access to clean cooking solutions.

In response, UN Secretary-General Ban Ki-moon launched a new initiative in 2011 by the same name (SE4ALL), calling on governments, businesses, and civil society to make commitments to action to accomplish **three objectives** by 2030:

 **ENSURING**  
*universal access*  
**TO MODERN ENERGY SERVICES.**

 **DOUBLING THE GLOBAL RATE OF IMPROVEMENT IN**  
*energy efficiency.*

 **DOUBLING THE SHARE OF**  
*renewable energy*  
**IN THE GLOBAL ENERGY MIX.**

The UN General Assembly Member States have unanimously declared 2014-2024 as the **Decade of Sustainable Energy for All.**



# Energy Access Practitioner Network



**2,000+**

members



**>230 million**

individuals reached



**170**

countries



[info@energyaccess.org](mailto:info@energyaccess.org)



[www.energyaccess.org](http://www.energyaccess.org)



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- focus on market-based mini- & off-grid solutions
- catalyze energy service delivery at country level
- promote adoption of new technologies, innovative financial & business models
- best practices, peer-to-peer learning
- a “network of networks”



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# Practitioner Network in India

- The IEA estimates decentralized energy solutions will be the pathway to energy access for **60 percent** of the 1.2 billion still without electricity.
- India continues to have the **largest single country electricity access deficit** (>300 million people).



Mera Gao Power



# Practitioner Network in India

- **440 Practitioner Network member organizations** report operating in India; close to **130** are based in the country.
- Practitioners from India work in over **92 countries** across the world, including Nepal, Russia, Bulgaria, Sierra Leone, Egypt, Pakistan, Brazil, and Cuba.
- Solution types offered by members vary from solar PV system sales and **minigrids**, to solar powered water pumps and lamps.



Photo courtesy of Boond



# Innovation at Work in India



**Solar devices from Frontier Market**

**Boond** offers one of the most innovative **solar pico-grids**, leveraging mobile technology.

**Frontier Markets** partners with local entrepreneurs to provide **access, education, training, and servicing** for clean energy products in rural India.

**Onergy** establishes **Renewable Energy Centers (RECs)** and provides a variety of new and innovative products, including solar TV, computers, minigrids, and irrigation systems.





**Mera Gao Power** has developed the **lowest-cost microgrid** in operation by tailoring its microgrid design to meet the specific needs of its consumers in Uttar Pradesh, India.



**OMC's Micropower Business-in-a-box**

**Naturetech Infra** uses an SMS prepaid metering to make its **Smart Solar AC microgrid** one of the cheapest in the world.

**OMC Power** builds **micropower plants**, providing off-grid and small-scale energy solutions to mobile networks and rural communities in Northern India.





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## Sources

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