

Sustainable Energy for All Initiative

1.3 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, 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.**



High Impact Opportunities

High impact opportunities have been identified based on their ability to make an immediate impact towards reaching the initiative's three objectives. These are:

- Modern cooking appliances and fuels
- Large-scale renewable power
- Transportation
- Distributed electricity solutions
- Industrial and agricultural processes
- Buildings and appliances
- Grid infrastructure and supply efficiency
- Energy planning and policies
- Business model and technology innovation
- Finance and risk management
- Capacity building and knowledge sharing
- **Energy and women's health.**



Energy and Women's health

- **58%** of health clinics have no electricity access in sub-Saharan Africa (WHO, 2010)
- With electricity, fewer infections, more accurate blood banking, and more successful child deliveries
- Three-phase initiative:
 - design/mobilization to launching pilots in high need, high maternal mortality
 - high interest/engagement from government
 - scale
- Support needed:
 - In kind solar panels, battery banks, and energy efficient medical equipment
 - Expertise to inform logistics, planning and decision making
 - Funding for local and national capacity building and delivery



We Care Solar

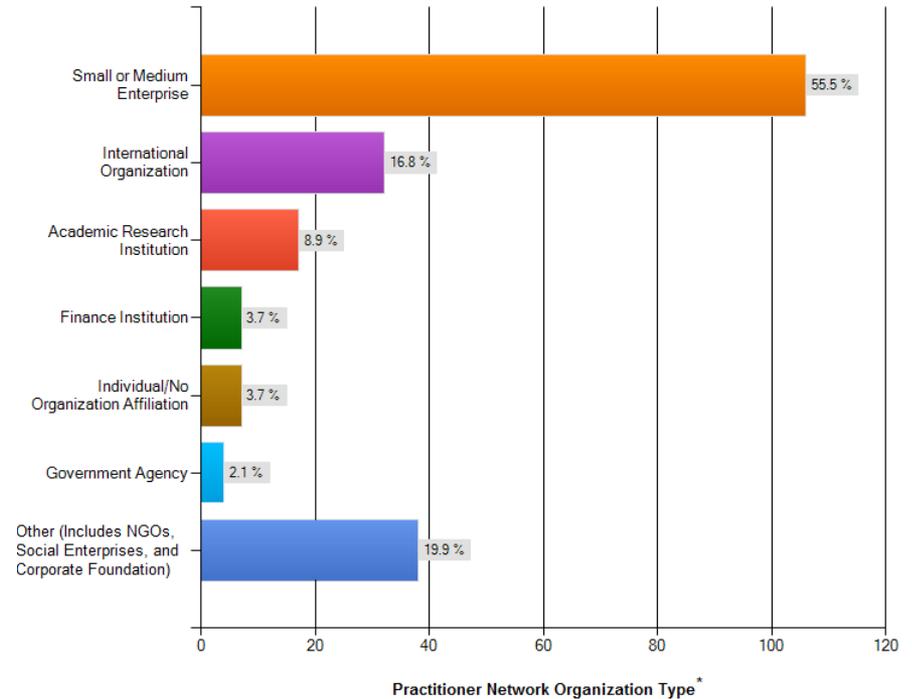
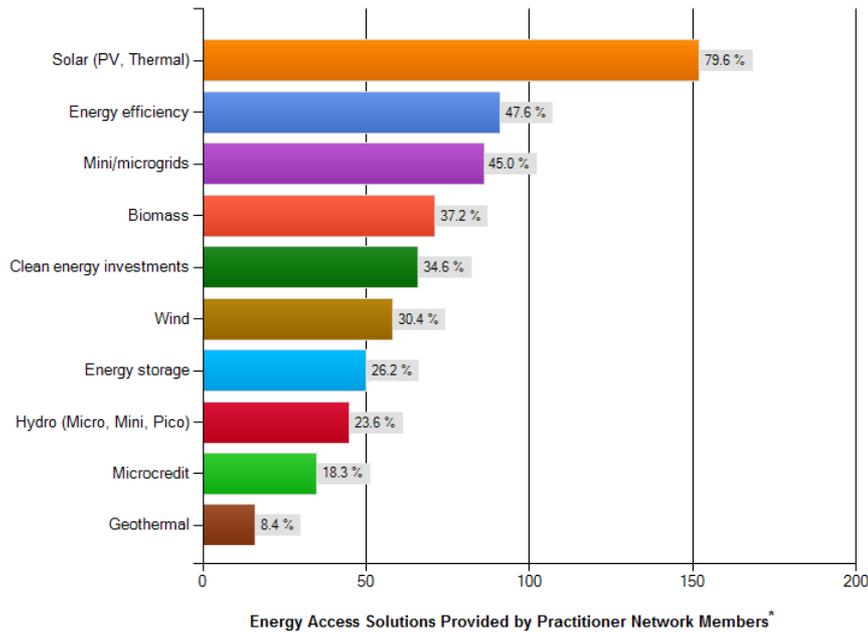


Energy Access Practitioner Network

- As part of Sustainable Energy for All, the United Nations Foundation launched a global **Energy Access Practitioner Network** in 2011, which now has over 1,500 institutional & individual members.
- The Network focuses on **market-based sustainable energy applications**, emphasizing mini- & off-grid solutions, and **catalyzing energy service delivery at country level** towards the achievement of universal energy access
- It promotes adoption of new technologies, advocacy around supportive policies, **innovative financial and business models** & disseminating best practices.
- Knowledge network, innovative business & financial models, advocacy for appropriate regulatory and policy environments for off-grid. Operates as “**network of networks**”.



Energy Access Practitioner Network



Social Acceptance of renewables for the BoP

- **Debunking myths?**
 - The poor cannot afford renewable energy
 - There is no market incentive for companies to work on off-grid
- **Awareness creation is essential**
 - PSAs
 - Radio
 - Discount campaigns
 - [Solar Campaign](#)



Market-based Solutions to Reach the BoP

- **Consumer Financing:** Azuri Technologies' innovative “pay as you go” scratch-card rental system across Africa
- **Supply Chain:** Econet Solar links existing cell phone supply chains with the sale of cell phone chargers and lights in Southern Africa
- **Customer focus:** SELCO India's tailored packages of customized product, service and consumer financing
- **Product range:** Buksh Energy offers grid-tied PV, village-level solar solutions and small-scale solar lanterns in Pakistan





Join Us!



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