



SUSTAINABLE
ENERGY FOR ALL

ENERGY ACCESS
PRACTITIONER NETWORK

May 11, 2016

Webinar: Quality Standards for Energy Access

How International Electrotechnical Standards Can Support Off-Grid Electrification in Developing Countries

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THE ENERGY ACCESS GAP

THE PROBLEM:

Over 1.1 billion people around the world have no access to electricity

and the many development benefits it brings – improving health, generating income, enabling education, improving security, and empowering women.

THE NEED:

The International Energy Agency estimates that **60% of new electricity** needs will have to be met by distributed (mini- & off-grid) solutions.



THE FRAMEWORK:

The UN-Led Sustainable Energy for All initiative seeks to **achieve universal energy access by 2030** as one of its three goals, the others being doubling the rate of improvement in energy efficiency and doubling the share of renewables in the global energy mix.



UNIVERSAL
ENERGY ACCESS



RENEWABLE
ENERGY



ENERGY
EFFICIENCY

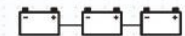
THE SOLUTIONS:

A range of options exist and are ready for scale for off-grid rural electrification. Energy Access Practitioner Network members are working with technologies including:

SOLAR PHOTOVOLTAIC (PV) SYSTEMS



MINI-GRIDS



BIOMASS



SMALL HYDRO



SMALL WIND



**Statistics based on responses from the UN Foundation's 2014 annual survey: "Growing the Network: Building Impact"*

THE ENERGY ACCESS PRACTITIONER NETWORK

GOALS:

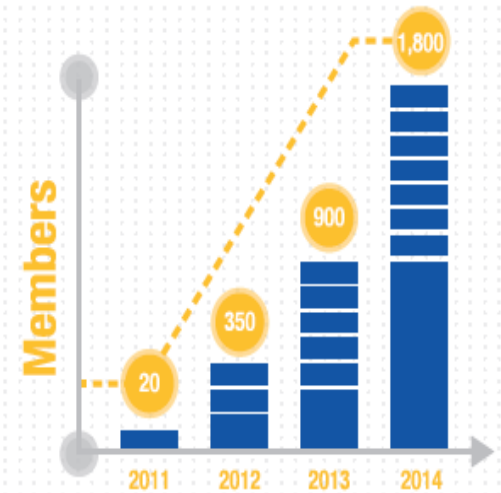
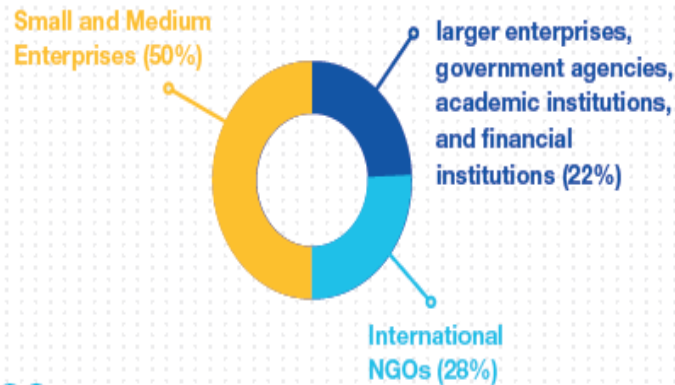
- PROMOTE NEW TECHNOLOGIES AND INNOVATIVE FINANCIAL & BUSINESS MODELS,
- PROVIDE A PLATFORM TO CONVENE AND CONNECT A RANGE OF STAKEHOLDERS AROUND NEW PARTNERSHIPS,
- FACILITATE THE DEVELOPMENT AND ADOPTION OF QUALITY STANDARDS.

AT A GLANCE

- The Practitioner Network supports primarily market-led decentralized energy applications towards

ACHIEVING UNIVERSAL ENERGY ACCESS BY 2030.

- **OVER 2,300 MEMBERS, BASED IN 85 COUNTRIES AND OPERATING IN 170 COUNTRIES.**



○ VALUE

Members value the Practitioner Network for: information sharing, peer-to-peer learning, networking opportunities, connecting access to finance, enabling partnerships and increased visibility.

Statistics based on responses from the UN Foundation's 2014 annual survey: "Growing the Network: Building Impact"



EAPN members have collectively provided over **30 million** people with clean energy products and services in the last year.

EAPN promotes new technologies, innovative financial and business models, and adoption of **quality standards in technology and delivery.**

EAPN has long-standing partnerships with **IEC** and **Lighting Global** in establishing and disseminating quality standards for decentralized systems.



Join us!

www.energyaccess.org

Photo credit: SolarAid & Solar Nexus International

