THE PROBLEM:
Over 1.2 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.

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
- Biomass
- Small wind
- Small hydro
- Mini-grids

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 2,000 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”
Moving forward

Statistics based on responses from the UN Foundation’s 2014 annual survey: “Growing the Network: Building Impact”

60% of Practitioner Network members have customers from rural or remote regions.

More practitioners are currently offering SMALL SOLAR SYSTEMS for a home or business than other solution types, including solar lanterns.

Almost 2.5 million installations completed and products sold in the past 12 months, ranging from small solar lanterns to large mini-grid installations.

Over 21 million individuals were provided with sustainable energy solutions in the past 12 months.

Over 230 million individuals were reached throughout the organizations’ collective lifetimes.

60% of Practitioner Network members have customers from rural or remote regions.

Over half of respondents have been operational for less than 5 years.

40% of respondents that have been operational for less than 5 years reported growing their annual revenues to $1-5 million.

75% of respondents reported that funding was the biggest bottleneck to improved delivery, installation, and ongoing maintenance.

Energy Access: Powering Futures

Most common uses of electricity by end users:
- Lighting
- Phone charging
- Education
- Entertainment
- Community services
- Health care
- Food processing
- Communication

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Almost 2.5 million installations completed and products sold in the past 12 months, ranging from small solar lanterns to large mini-grid installations.

Over 230 million individuals were reached throughout the organizations’ collective lifetimes.

Innovators are constantly entering the energy access market with new ideas, finance mechanisms and improved technologies, but they need additional funding.

Rapidly evolving marketplace:

Over half of respondents have been operational for less than 5 years.

Evidence of success:

40% of respondents that have been operational for less than 5 years reported growing their annual revenues to $1-5 million.

Ongoing need:

75% of respondents reported that funding was the biggest bottleneck to improved delivery, installation, and ongoing maintenance.

Statistics based on responses from the UN Foundation’s 2014 annual survey: “Growing the Network: Building Impact”

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