



SUSTAINABLE
ENERGY FOR ALL

ENERGY ACCESS
PRACTITIONER NETWORK

May 18, 2016

Webinar:
Energy Efficiency for Energy Access:
Fighting Fuel Poverty in Developed Economies

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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

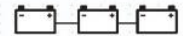
THE SOLUTIONS:

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"*

EFFICIENCY 4 ACCESS COALITION

- Energy efficient appliances & end-use technologies **increase the affordability of energy services** by radically reducing the cost of the required off-grid energy supply.
- **E4A**: new collaborative effort led by the Clean Energy Ministerial's Global Lighting and Energy Access Partnership (Global LEAP) and SE4All seeks to harness the game-changing power of energy efficiency & **drive universal access to enhanced energy services beyond lighting by 2030**.
- Basic energy services = important first rung in the energy access ladder, yet realizing broader socio-economic benefits require **higher levels of energy services**—such as communication, cooling, agro-processing, water pumping, health services, and more— to off-grid populations.
- E4A is leading a **Year of Action in 2016** to mobilize commitments from public- and private-sector partners to support the development and deployment of these technologies & accelerating progress towards SDG7.

THE ENERGY ACCESS PRACTITIONER NETWORK

GOALS:

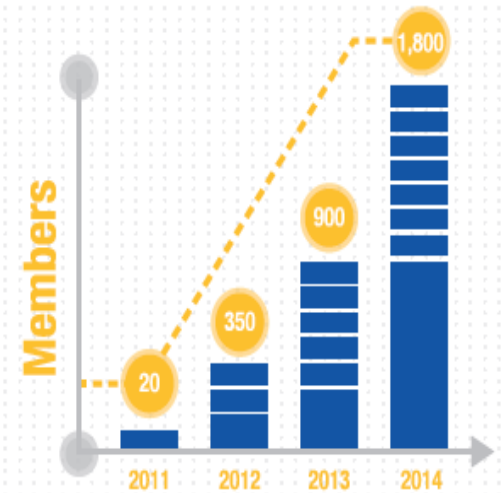
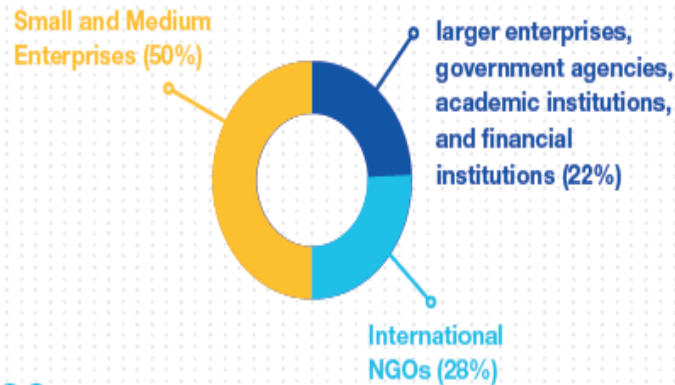
- PROMOTE NEW TECHNOLOGIES AND INNOVATIVE FINANCIAL & BUSINESS MODELS,
- PROVIDE A PLATFORM TO CONVENE AND CONNECT A RANGE OF STAKEHOLDERS AROUND NEW PARTNERSHIPS,
- FACILITATE THE DEVELOPMENT AND ADOPTION OF QUALITY STANDARDS.

AT A GLANCE

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

ACHIEVING UNIVERSAL ENERGY ACCESS BY 2030.

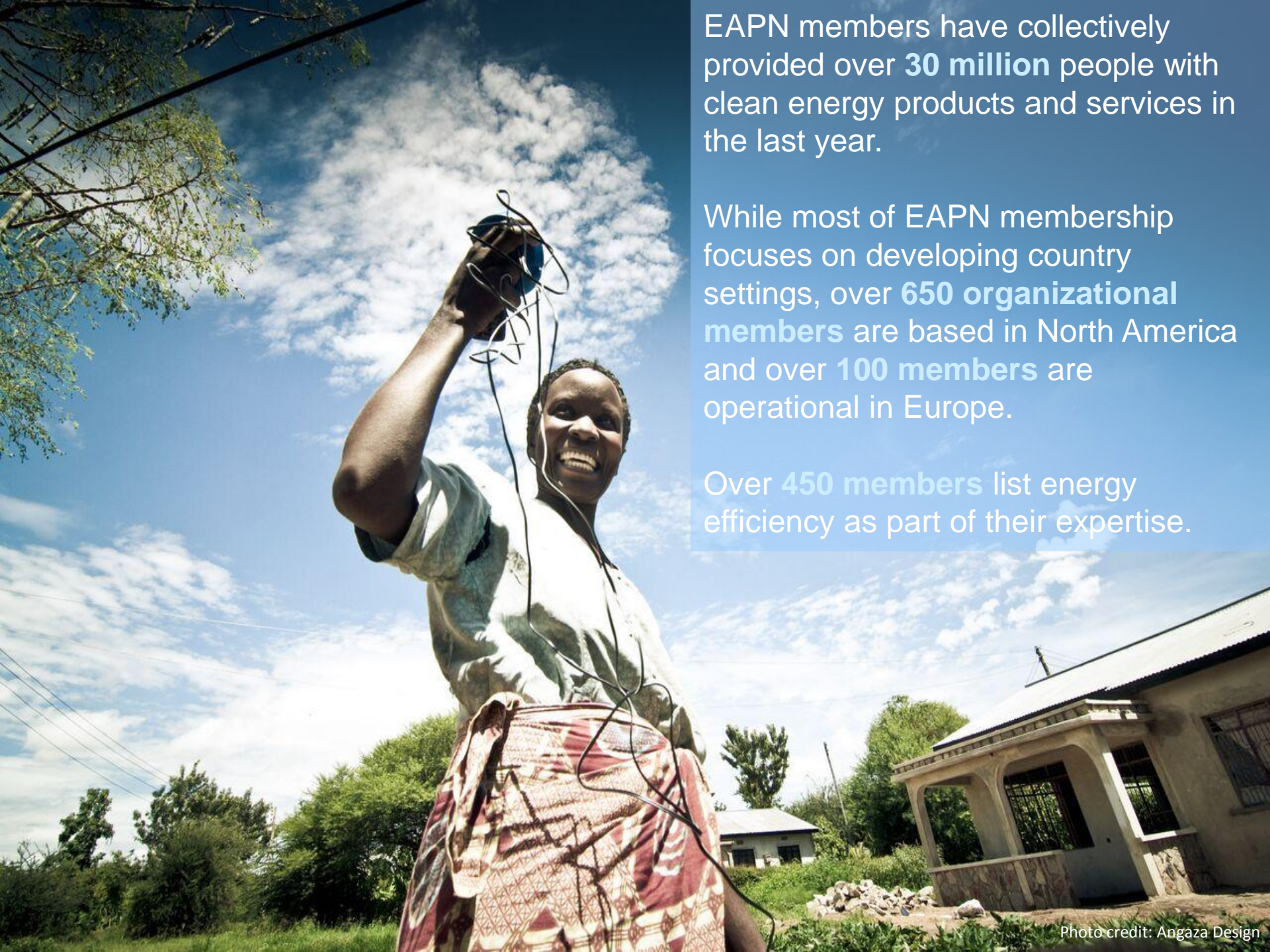
- **OVER 2,300 MEMBERS,**
BASED IN 85 COUNTRIES AND
OPERATING IN 170 COUNTRIES.



○ 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.

While most of EAPN membership focuses on developing country settings, over **650 organizational members** are based in North America and over **100 members** are operational in Europe.

Over **450 members** list energy efficiency as part of their expertise.



Join us!

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Photo credit: SolarAid & Solar Nexus International

