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:

1. Ensuring universal access to modern energy services.
2. Doubling the global rate of improvement in energy efficiency.
3. 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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