



barefoot college 

Where ever poverty exists

PRESENTATION



“live simply so that others
can simply live.”

Mahatma Gandhi



EDUCATION

Rural Curriculum & Issue Focus



- **Balwadis (Rural Creches)**
- **Night Schools**
- **Bridge Courses**
- **Day School**





WATER

World of Possibilities
Water Management

- **Rain Water Harvesting**
- **Dams**
- **Revers Osmosis
Desalination Plant**
- **Neer Jaal**



ADVOCACY

Advocacy
Strengthening the System

- **Social**
- **Economic**
- **Policy Change**



PROFESSIONS

Building stronger vibrant communities
through
Knowledge transfer for all.

- **Traditional HandiCrafts**
- **Medical**
- **Dentistry**
- **Teachers**
- **Engineers**
- **Architects**
- **Traditional Communicators**

A woman wearing a bright pink sari and yellow-rimmed glasses stands on a rooftop. She is holding a small electronic device in her right hand and a circular metal component in her left. Behind her are large, curved solar concentrators made of many small mirrors, mounted on red metal frames. The sky is blue with some clouds.

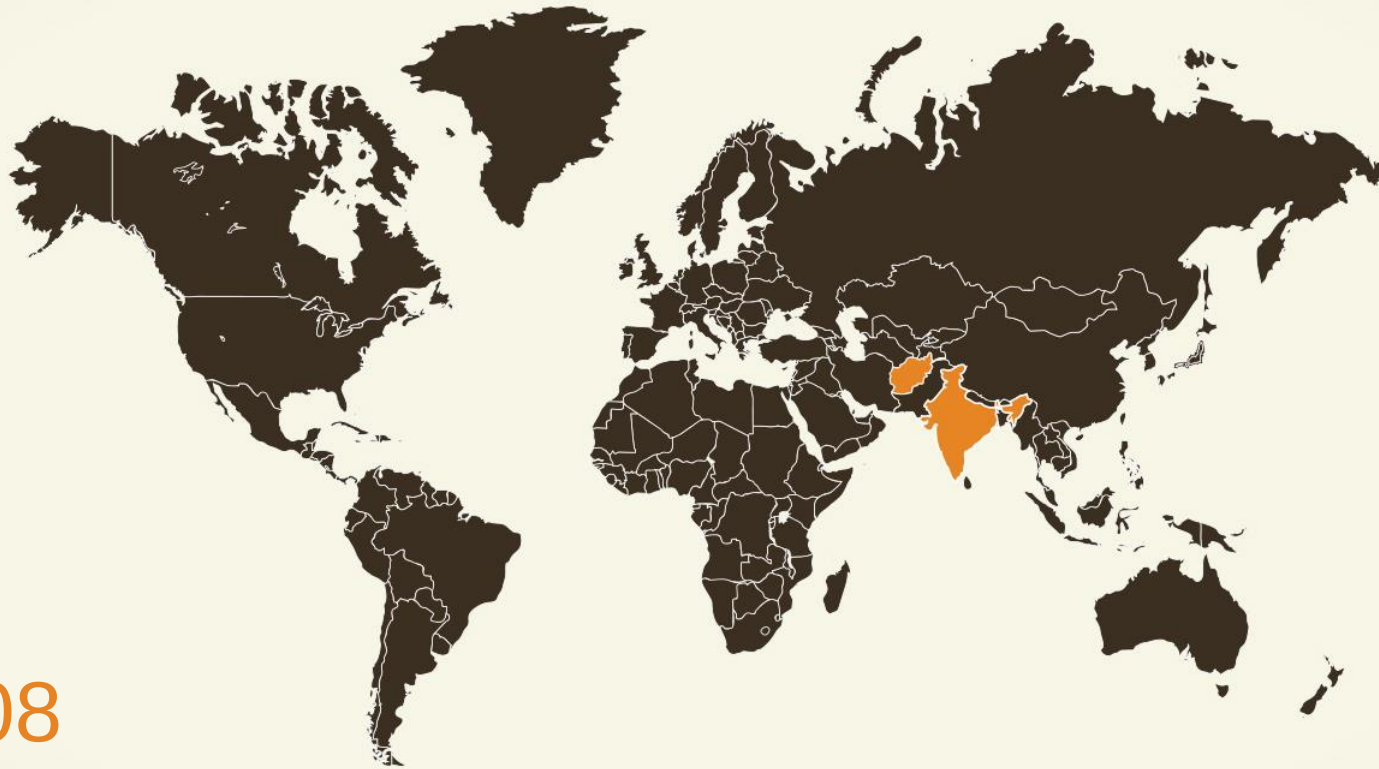
SOLAR

Training illiterate & semi literate Women as
Barefoot Solar Engineers



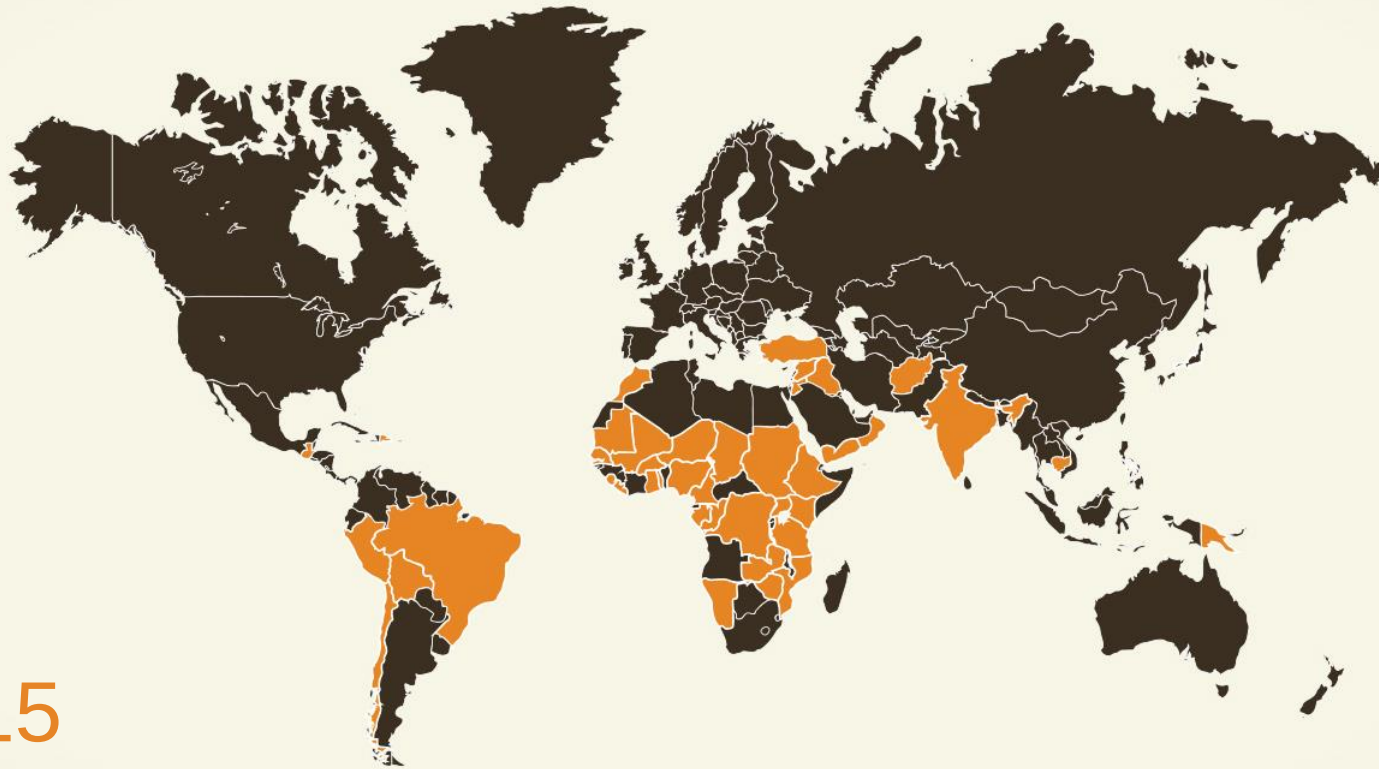


THE BAREFOOT COLLEGE FOOTPRINT



2008

THE BAREFOOT COLLEGE FOOTPRINT



2015

74 Countries

784 Engineers trainers

5.2 millions liters of kerosene

550,000 people with access to light

A person is seen from the side, cooking over a fire in a dark, smoky kitchen. Sunlight streams through the roof, creating a dramatic effect. The person is wearing a dark, patterned shirt and a red skirt. The kitchen is cluttered with various items, including pots and pans.

GOAL 1

END POVERTY IN ALL ITS FORMS EVERYWHERE



Since starting in 1982, the Barefoot Solar Initiative (BSI) has taught women from rural, non-electrified villages around the world how to install and maintain solar panels for their communities. Changing from kerosene or candles to solar power reduces in-home air pollution, provides brighter light for reading, and helps families better save money and resources for the future. Electrification without relying on the grid increases community self-sufficiency and provides local women with employment opportunities.

In The Numbers



77

The number of countries where Barefoot College has trained solar engineers globally

EACH SOLAR HOME SYSTEM HAS:



40Wp



16Wp



7Wp



PbA



14 500+

The number of households with 40 Wp solar home systems installed by the end of 2015.



169

Rural electrification workshops (REWs) installed for easy, local maintenance of solar equipment by Barefoot Engineers.

How It Works



Our trusted ground partners select illiterate and semi-literate grandmothers aged 35-50 from rural villages to come to the Barefoot College campus in Tilonia, India.



Through Barefoot's unique, six-month training program, women become trained to install, maintain, and repair solar home and lantern systems for their villages.



Empowered through education and environmental awareness, women return to become leaders in their communities as Barefoot Solar Engineers.

The Barefoot Difference

4,020 g

The amount of black carbon emissions avoided through replacement of 60 liters* of kerosene burned by simple wick lamps. Black carbon can cause severe respiratory illness and global climate change.



Traditional Energy



947 gCO₂/kWh

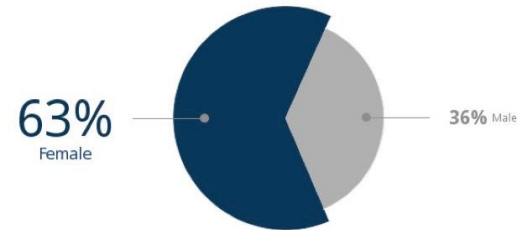
The amount of carbon dioxide emissions avoided per kWh through use of solar systems rather than the Indian electric grid*. Carbon dioxide from fossil fuel burning is the leading cause of global climate change.



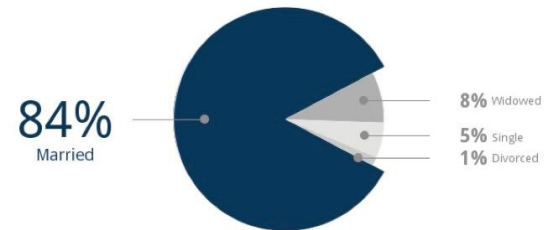
Grid Electricity

Analytics

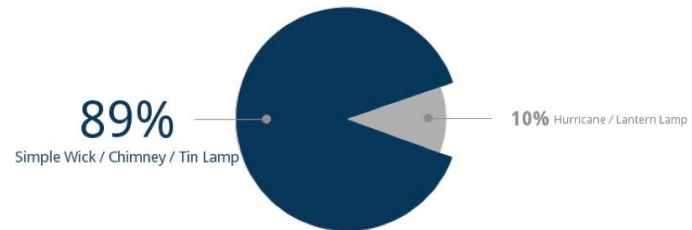
Gender



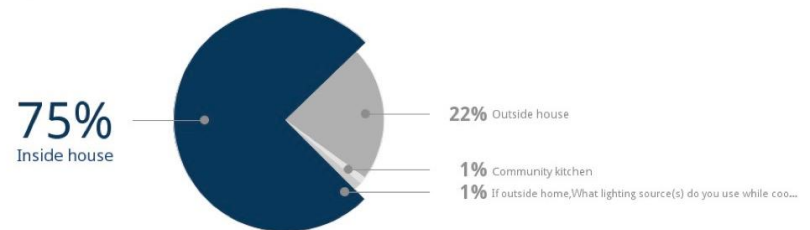
Marital Status



If you use kerosene, which type of lamp do you use?



Where is your kitchen located?





A close-up photograph of a person's hands working on a green printed circuit board (PCB). The person is using a soldering iron to solder components onto the board. The person's left hand is visible, wearing a gold ring and a beaded bracelet. The background is slightly blurred, showing a wooden workbench and various electronic components and wires.

SCALING IMPACT

THROUGH EQUAL DISSEMINATION
OF KNOWLEDGE

Africa: Barefoot Women's Regional Vocational Training Centers



NAMASTE
WELCOME BAREFOOT COLLEGE
ZANZIBAR









Challenge & Opportunity



POWER

Reliable and renewable energy solutions installed, owned, and operated by local communities



CONNECTIVITY

Geographically adaptive village internet connectivity utilizing resilient, cost-effective technologies tailored for any situation



CONTENT

A broad range of transformative content deliverable through a variety of channels (phones, tablets, computers)

Why? Connectivity and Content



HEALTH

Connectivity transforms the effectiveness of local health programs. Access to true “remote” real time medicine increases awareness and improves outcomes.



EDUCATION

Connectivity provides access to true interactive, knowledge transfer, education and an emerging world of online content addressing the real needs of communities.



COMMERCE

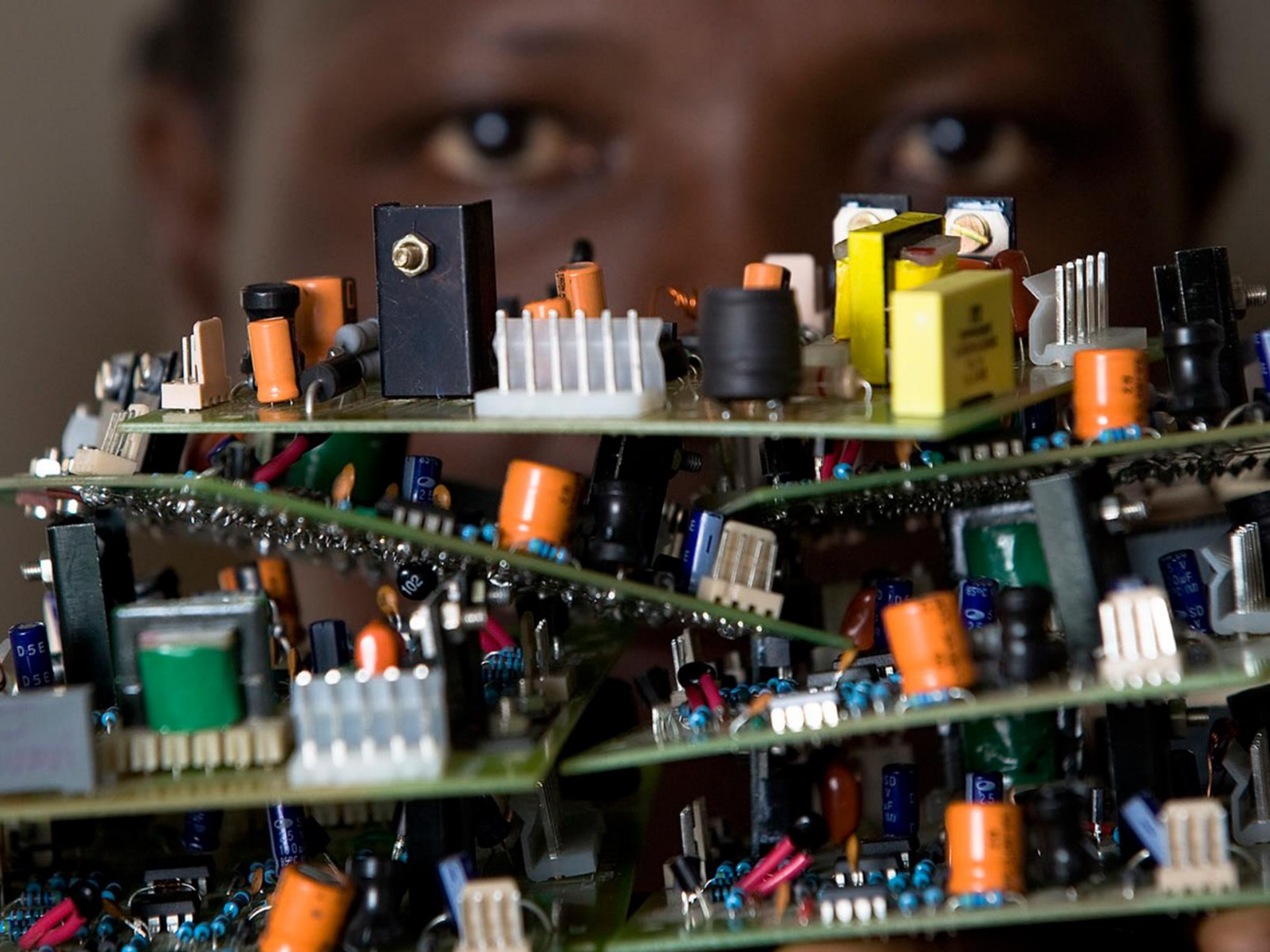
Access to the digital economy brings limitless potential for earning and economic development to previously isolated communities.













Barefoot ENRICHE Curriculum

Knowledge transfer for those never formally educated

BY AND FOR RURAL WOMEN



Enterprise



Empowerment



Education



ENRICHE

Curriculum coverage

- Basic digital IT skills
- Micro-Enterprise Skills
- Legal Rights And Civil society
- Financial Skills
- Livelihood Skills
- Self Awareness
- Women's Reproductive Health
- Environmental Stewardship



ENRICHE is co-created

Designers and delivered in partnership with
local NGOs, Social Enterprises and the
Barefoot Solar Engineers.

A group of people are sitting on a light-colored tiled floor. In the foreground, a woman with dark hair tied back is wearing an orange sari and is looking at a tablet computer. The tablet screen shows a soccer game in progress. To her left, another person is wearing a blue and white patterned sari and is also looking at the tablet. Further back, a person is wearing a blue and white striped sari. The background is a plain, light-colored wall.

ENRICHE is digital

Digital material and teaching aids, designed for illiterate and semi-illiterate users.



ENRICHE is viral

Every woman become a teacher. Trained to train, ensuring that that her skills and knowledge are transferred to her community and benefit many more people.

