

Institutionalizing energy training on rural electrification: lessons learned from Ethiopia

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ISEI Ethiopia

Some reasons why we need a professional training - not only product sales training:



Holistic approach



Sustainable Energy supply: Ethiopia

- 22,500** Installed solar systems
- 410k \$** End user microfinance loans
- 14** Rural Solar-Centers for service / maintenance
- 83** Villages permanently supported by the Solar-Centers
- 154** Village schools with solar light
- 35** Rural health clinics with solar fridges for cooling medicine



Start 2007: "Rural Solar Energy Technician"

This training programme, which is unique in this form in Africa, consists of three modules:

- solar technology
- management
- practical application

Duration: 6 months

Curriculum approved by Ethiopian Government.

64 students passed successfully
the course since 2007



Solar manager - profession for women!

Mena Hainemaikel

- Working for our organisations since 2004
- Leading management position as "Solar Inspector" since 2007



Haregewoin Amare

- 2008: exam as "Rural Solar Energy Manager"
- working for our organisations since 2008
- today leading manager for product assembling and quality check



"Light version" for organisations outside Ethiopia

- Two weeks training in Ethiopia
- Individual study of the training manual
- One week "start-up-support" by one Ethiopian trainer in your home area
- Permanently coaching of your solar business by our Ethiopia experts

Other courses since 2007

- Train the Trainer course
- Course for lecturers of Ethiopian Universities
- Awareness creation for governmental energy offices
- Course for Ethiopian Micro Finance Institutions
- Training for Solar Technicians in Kenya, Philippines, Tanzania, Malawi

Equipment

- Training facilities in rural area (Rema): School room and accomodation for 25 students
- Training facilities in Addis Ababa: School room and accomodation for 30 studens
- High quality test laboratory for batteries, panels, lighting





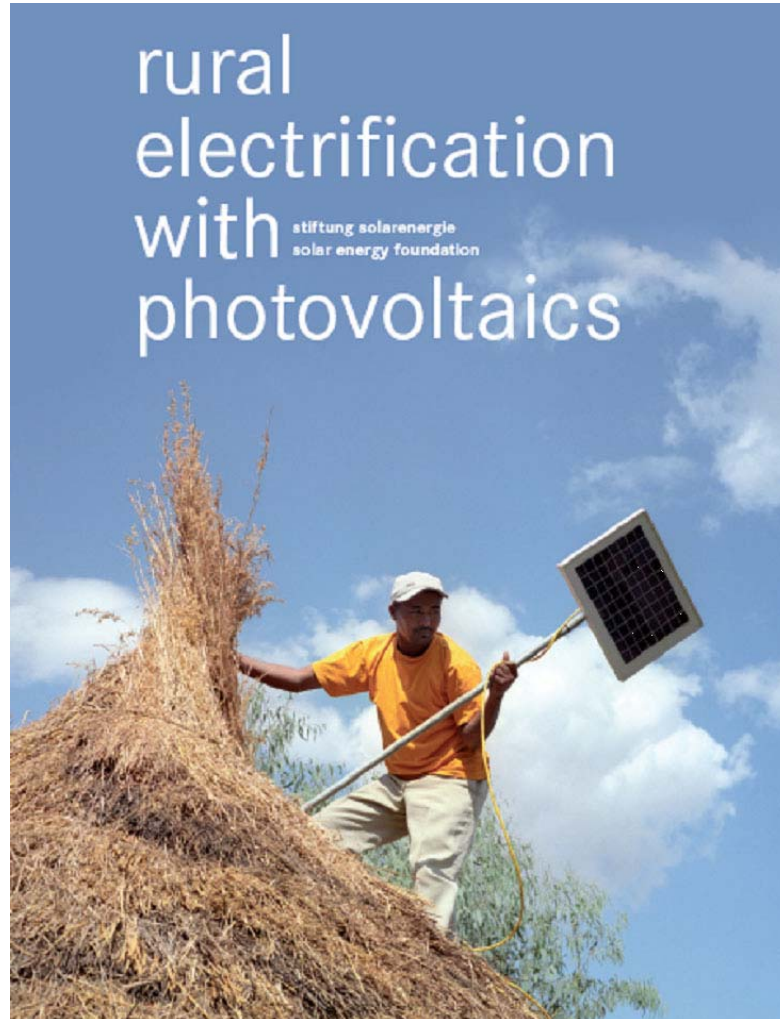


Rural Training Center Rema





Betaversion



Published in 2009:

Training Handbook for rural solar energy

rural electrification with photovoltaics

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Contents:

The Principle of Solar Energy

Meteorology

Solar Cells and Modules

Batteries

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Thank you.

