



TRAINING OF WOMEN IN BIODIGESTER AND SOLAR OVEN FOR RURAL COMMUNITIES

Local: NEER Research and Training Center for Renewable Energies and Sustainable Food Production, located in Maputo Province, Marracuene District, Matalane locality and Nhongonhane Rural Community.

Objectives

The objectives of these Trainings were:

- To build homemade biodigesters with readily available (local) materials
- To build homemade solar ovens with readily available (local) materials
- To build homemade mini wind turbines with readily available (local) materials
- To build homemade solar cookers with readily available (local) materials
- Develop technical skills

Methodology used: Fieldwork

Results achieved:

- The results achieved are:
- Homemade biodigesters built with readily available (local) materials;
- Homemade solar ovens built with readily available (local) materials;
- Homemade mini wind turbines built with readily available (local) materials;
- Homemade solar cookers built with readily available (local) materials;
- Developed technical skills.

The photos below show some moments from the construction and testing of the equipment at the NEER Research and Training Center for Renewable Energies and Sustainable Food Production.

Organizer, coordinator and facilitator: Prof. Doutor Urânio Stefane Mahanjane

SOME PHOTOS AS EVIDENCE OF THE ACTIVITIES



Figure: Homemade solar oven built with readily available (local) materials.



Figure: Witnesses to the construction of a homemade solar oven using readily available (local) materials.



Figure: Happy End

CONSTRUCTION OF A SOLAR HEATING PAN FOR WATER HEATING AND COOKING FOOD

Location: NEER Research and Training Center for Renewable Energies and Sustainable Food Production, located in Maputo Province, Marracuene District, Matalane locality and Nhongonhane Rural Community.



Photo: Solar water heater for heating water and cooking food.



Foto: Training on Solar Cookers – a sustainable solution for communities, especially rural areas



Photo: Homemade biodigester built with readily available (local) materials by girls during training.



Photo: Happy End after the construction of the Biogester during the Girls' training.



Photo: Happy End after the construction of the Biogester during the Girls' training.



Photo: Moments from the construction and testing of the homemade mini wind turbine using readily available (local) materials.