

Solar Lakes Initiative

Aim:

Promotion of Renewable Energy and Energy Saving in Lake Regions



Projects

- Study on Climate Change Impacts on Lakes
- Promotion of Solar Powered Boats
- Renewable Energy at Camping Sites
- Replacement of non-insulated power lines
- Renewables for fisherfolks of Lake Victoria

Solar Power Boats



- **Description:**

- Quiet, emission-free, solar powered shipping
- carrying capacities: 4 to 120 persons
- Solar speed approx. 6 km/h
- Range without sun: 60 - 120 km

Solar Power Boats



- **Use as:**
 - Hotel shuttle
 - Passenger ferry
 - Research vessel
 - Touring and Leisure boat

ECOCAMPING



Goal:

- Promote environmental Measures on Camping Sites
- Introduction of Solar Thermal Energy and Photovoltaics at Camping Sites

Solar Power Station at Lake Tengis

- **Solar Power Station at Lake Tengis**
 - Ranger station was equipped with photovoltaic panels
 - Non-isolated power lines endangered birds and had to be removed.



Renewables at Lake Victoria

Solar lamps for fisherfolks

- Testing
- Training
- Awareness Raising
- Micro-Financing

