Mediterranean Renewable Energy Programme

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MEDREP Objectives

- providing sustainable energy services particularly to rural populations
- contributing to the climate change mitigation by increasing the share of renewable energy in the energy mix of the Mediterranean Region

**MEDREP aims at developing a sustainable RE market system, through:**

- Tailoring of financial instruments and mechanisms to support projects
- Strengthening of policy frameworks
- Removal of existing barriers
- Building a stronger private sector by mean of TREC's and CER's
MEDREP Partners

Italian Ministry for the Environment and Territory (IMET)
Tunisian Ministry for Industry and Energy and SME (TMIESME)
Tunisian National Agency for Energy Conservation (ANME)
The New & Renewable Energy Authority of Egypt (NREA)
The Centre for Renewable Energy Development of Morocco (CDER)
The Environmental General Authority of Libya (EGA)
The Ministry for Resources and Infrastructure of Malta
The Ministry of Water and Environment of Yemen
The Agence de l’Environnement et de la Maîtrise de l’Energie (ADEME)
The International Energy Agency (IEA)
The Mediterranean Association of National Agencies for Energy Conservation (MEDENER)
The Observatoire Méditerranéen de l’Énergie (OME)
The International Solar Energy Society Italy (ISES Italy)
The interdisciplinary Institute for Environmental Research (DIPE)
The Regional Centre for Central and Eastern Europe (REC)
The United Nations Environment Programme (UNEP)
The World Bank (WB)
The Renewable Energy & Energy Efficiency Partnership (REEEP)
The innovative MEDREP approach aims to the development of a self-sufficient sustainable renewable energy market system. Tradable Renewable Certificates (TRECs) and the Clean Development Mechanism (CDM) play a fundamental role in attracting international investments in the Region. Innovative project financing through the Italian Carbon Fund, established by the IMET, support CDM projects in renewable energies - energy efficiency. The priority focus is South-East Mediterranean Countries.
MEDREC

Mediterranean Renewable Energy Centre

is the focal point for MEDREP activities carried out in North Africa

has been established in Tunis in January 2004 by a MoU among IMET, TMIESME and ANME

is included in the framework of the Global Network on Energy for Sustainable Development, a UNEP facilitated knowledge network of developing world Centres of Excellence and network partners, renowned for their activities on energy, development and environment issues.
**Algeria**

**Renewable energy in the Dounya Park (240 ha)**

- aimed at halting desertification and conserving biodiversity
- powered by a grid-connected photovoltaic-wind system
- establishment of a centre for project management and development of renewable energy studies and training activities

**Timimoun**

developed in the framework of Sahara Project:

- wastewater treatment by UV in Sahara Oasis
- recovery of treated water for irrigation
Programme 2005

• Development of existing and new pilot projects in each country in co-operation with MEDREP partners

• Identification of training needs relating to pilot projects and general RE development in each country

• Update of the assessment of the RE situation in MEDREC countries

• Update of the existing database of the RE actors in the MEDREC countries
Several projects underway with the involvement of public and private institutions, and more areas of co-operation are being explored.

The financial mechanisms PROMASOL and Loan/Leasing Facility to support the Solar Water Heating market

Developing of Green Certificates Trading

Studies of wind energy integration into the national electric grid

Renewable energy for water pumping

Energy Efficiency in public Hospitals

Pilot projects in rural areas:
- mini-hydraulic plants (MHP)
- PV Solar pumping
- biogas
Tunisia

*Solar Water Heating System Loan Facility*

a new financial mechanism to promote a competitive market for Solar Water Heating Systems

strong co-operation programme among
Italian Ministry for the Environment and Territory (IMET)
Tunisian National Agency for Energy Conservation (ANME)
UNEP/DTIE (Division of Technology, Industry, and Economics)

based on UNEP/DTIE survey study for the Northern African Countries benefit from the expertise of the Tunisian State utility “Société Tunisienne de l’Electricité et de Gaz (STEG)”

aim: overcome the barrier of a high initial cost for SWH systems
In Egypt three projects are underway with the involvement of public institutions:

PV in rural areas: households and public costumers (a school, a electrification mosque, a health centre)

Pilot project in rural areas for electricity generation (lighting, water pumping) and cooling of agricultural products with Renewables

Pilot project on touristic resorts for trigeneration with solar technologies
**Future MEDREP Partners Commitment**

- Enlarge the partnership, involving new partners in the MEDREP initiative
- Work towards a Regional policy and market for renewable energies

*Extension of the MEDREP Geographical Scope*

- MEDREC experience will be replicated in the Balkan Region

*Synergies with other Type II Initiatives*

- MoU with REEEP - Renewable Energy and Energy Efficiency Partnership
- JREC (Joint Renewable Energy Coalition)
thanks

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