

Industrial Initiative

Public Initiative


DESERTEC

Political Initiative

Academic Initiative



DESERTEC
UNIVERSITY NETWORK



DESERTEC
FOUNDATION

Two Statements (source :Mr Günther Oettinger 's)

- (i)- Tomorrow's energy challenges cannot be met with today's technologies and conventional ways of thinking.
 - 1- It is about inventing new energy solutions
 - 2- It is about developing new industrial partnerships
 - 3- It is about improving knowledge transfer and enhance capacity building
- (ii)- The Projects have to be developed in cooperation with countries of the region on an equal footing ; **it can not be imposed from the outside**

Objectives

- **Bringing together research, and academic institutions interested in and capable of contributing to the implementation of the DESERTEC Concept.**
- **Promoting the development of human resources, so that energy systems can be constructed with a maximum of local products and services.**
- **Contributing to the design, manufacture, installation, operation and maintenance of future DESERTEC energy systems..**

Missions

- **International Cooperation**
- **Research and Development**
- **Dissemination and Promotion of Technology and Knowledge**
- **Capacity Building**
- **Support for the Creation of Local Enterprises**

Fields of activity:

- **Renewable Energies and their applications:**

Mainly: Solar, Wind

Water Desalination, mobility

- **Energy Efficiency**
- **Socio-economic effects**

Today:

Members: 19 Institutions from MENA
7 Institutions from Europe
DESERTEC Foundation
5 Individuals

Membership in process: 5 Institutions

Governance : Office in Tunis & Executive Director
Supervisory Board
Science & Technology Council

Working Program Priorities

- **Capacity building and Academic cooperation**
- **Public Awareness and Acceptance for Renewable Energies in general and the DESERTEC Concept in particular**
- **Creation of “ by country DESERTEC development scenarios”.**
- **Socio-economic effects**
- **Technological issues:**
 - **Dust / Cleaning Mirrors**
 - **Dry Cooling**
 - **System benchmarking: CSP (PT / LF / ST)-PV-CPV-Wind?**

Thank you and great success