



ИНФОРМАЦИЯ

INFORMATION

CENTER FOR DEVELOPMENT OF RENEWABLE ENERGY (CDER)

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Brief presentation

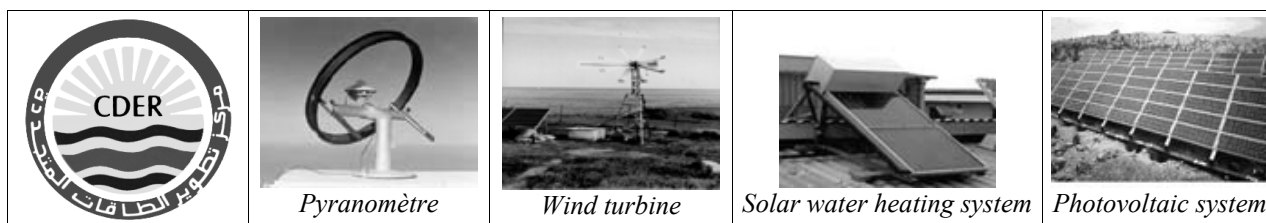
The Centre for Development of Renewable Energy (CDER) was founded in March 1988 by Presidential Decree 88/60. It is a scientific and technological public entity, supervised by the Ministry of higher education and scientific research. Its main goal is the promotion and the development of renewable energy applications at a national and international level, as well as the protection of the environment and sustainable development.

The organisational structure of CDER is made up of four divisions: Division of Bio-Energy & Environment, Division of Thermal Solar & Geothermal Energy, Division of Wind Energy Systems and Division of Photovoltaic Energy.

Three units are also attached to the CDER: Unit of Development of solar equipment, Unit of Renewable Energy in Sahara desert at Adrar and Unit of Applied Research in Renewable Energy at Ghardaia..

CDER is actively involved in the field of hydrogen as an energy carrier, considering hydrogen as a medium that will enable the storage of excess energy produced from renewable energy sources that will allow an increase of these sources penetration in the electricity and transport sectors.

In this context, CDER is working for the creation of hydrogen research unit.



Structure of the Center for Development of Renewable Energy

CDER is composed of four divisions and each division contains 4 groups as following:

	– Division of Bio-Energy & Environment carries out applied research for the development of biotechnological processes which are viable and environment-friendly such as hydrogen technologies, production of hydrogen from wind energy, fuel cell...		– Division of Thermal Solar & Geothermal Energy is carries out applied research in the field of thermodynamics, solar thermal and geothermal.
	– Division of Wind Energy Systems works on the wind resource assessment, analysis and design of wind system turbines and hybrid wind-diesel systems.		– Division of Photovoltaic Energy is carries out applied research on photovoltaic systems and power electronic devices.

Activities

– In the framework of its mission, CDER organizes and participates in technical and scientific seminars, educational programs, specialized training courses, meetings, etc.

CDER publishes a scientific international journal: **la Revue des Energies Renouvelables** ISSN 1112-2242 and an internal publication, **Le Bulletin des Energies Renouvelables**.

– In the field of hydrogen activities:

– CDER organized the First International Workshop on Hydrogen Energy vector from a renewable origin Algiers, the city of sciences on June 21-23, 2005 (WIH2005).

– CDER is involved in the giant hydrogen exporting project of solar hydrogen from Maghreb to Europe (June 2006)