

**A. Definition of the Project**

<b>A.1 Title</b>	<b>PV Solar Pumping Project in the Region of Tensift Al Haouz</b>
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<b>A.2 Type of project</b>	
Photovoltaic	<b>X</b>

<b>A.3 Stakeholders</b>	<i>Partners involved in the project activities:</i> Italian Ministry for the Environment and Territory (IMET) Centre de Développement des Energies Renouvelables (CDER) Moroccan National office of Potable Water (ONEP)
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<b>A.3 Location of the project</b>	
City / Town / Village	Tensift Al Haouz Region
Brief description of the location	Rural Area

<b>A.4 Forecasted Planning for the project</b>			
Status of the project	Phases	Status	Forecasted timing
	Idea / concept	<input type="checkbox"/>	2005-2007
	Pre feasibility study		
	On going	<b>X</b>	
Done	<input type="checkbox"/>		

**B. Stakeholders**

<b>B.1 Main promoters</b>	
Name	<i>Italian Ministry for the Environment and Territory</i>
Type of organisation	Governmental
Address	Via C.Colombo, 44 00147 Roma - Italy
Contact person	Mr F.Presicce
Telephone/ fax	Tel: +39 06 57228162 Fax: +39 06 57228178
e-mail	<a href="mailto:presicce.francesco@minambiente.it">presicce.francesco@minambiente.it</a>
Name	<i>Centre de Développement des Energies Renouvelables (Morocco)</i>
Type of organisation	Governmental
Address	rue Mechaar Al Haram, Issil, Marrakech, Morocco
Contact person	Mr J.Cherkaoui, Mr.Bakri
Telephone/ fax	Tel: 0021244309814 Fax: 0021244309795
e-mail	cdcr@menara.ma
<b>B.2 Other partners</b>	
Name	<i>ONEP (Moroccan National office of potable water)</i>
Type of organisation	Public

**C. Technical description of the project**

<b>C.1 Technical description of the project</b>
The Project is conceived within the framework of a tripartite partnership (ONEP – IMET – CDER) The work Programme is based on three essential components: - Rehabilitation of Solar Pumps Out of Work - Equipments of new water points

- Development of an appropriated approach for the management of the hydraulic service  
 IMET intervenes in the project as the main financial backer, technical assistance and technology transfer  
 ONEP contributes by setting up a favourable institutional framework  
 CDER contributes in the level of technical aspects and accompaniment actions

### C.2 Photo/drawing of the project/building:

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<b>C.3 Typical indicators</b>	Investment - euros	500,000
	Power installed - MW	To be defined
	Energy produced - MWh / year	To be defined
	Cost of energy produced from the project - euro cts/kWh	To be assessed

<b>C.4 Detailed technical indicators</b>	
M <sup>2</sup> installed	
Power per m <sup>2</sup>	
Delivered power	

### D. GHG emissions: reduced / avoided

#### D.1 Type of GHG reduced or avoided

CO <sub>2</sub>	To be defined
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#### D.2 Base line

Description of the level of reference	-
Other elements	-

#### D.3 Total emission reduction per year

In Tons CO <sub>2</sub> equivalent	To be defined
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#### D.4 Estimated CER gains - thousand euros

Estimated price (euros/t)	3	5	10
- Tons CO <sub>2</sub> equivalent			
Total estimated gain			

**E. Financial aspects**

<b>E.1 Estimated costs - euros</b>	
Total investment	500,000

**F. Contribution of the project to sustainable development**

Natural environment	<i>Solar Energy diffusion will result in reduced impact on the natural environment from traditional energy sources;</i>
Social (employment, health, education, ...)	<i>-The project will improve, in a sustainable way, the life conditions of the rural population - opportunities of employment</i>
Economy (local, national, ...)	<i>-Awareness of investors about the business opportunities related to the implementation of solar facilities for water supply -Local economy in the medium term, and national economy in the long term, may be impacted by diffusion of water supply through electricity from renewable energy sources</i>

**G. Other relevant information**

List of available documents	<i>-Annex to the MoU between IMET and CDER, referring to the Project; -Provisional Project Work Plan</i>
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