



# Desalination Units powered by Renewable Energy Systems

## *Opportunities and Challenges*



**26 September 2005**

***Hotel Savana, Hammamet, Tunisia***

Organised in the framework of the project ADU-RES  
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***Participation free of charge - registration required***

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English – French interpretation will be available

[www.adu-res.org](http://www.adu-res.org)

# *Programme of the Seminar*

09:30	<b>Introduction</b>	Welcome	Mohamed Nejib Rejeb, INRGREF
09:50		Project ADU-RES	Christian Epp, WIP
10:10	<b>Water supply situation in Tunisia</b>	Water Supply situation in the rural areas of Tunisia	Taoufic Brahem, DGGR
10:30		On-Site situation in Central Tunisia	Abdeljellil Afli, CRDA Kairawan
10:50		Questions and discussion	
11:00		<i>Coffee break</i>	
11:30	<b>Pilot Installations</b>	Description and performance of the pilot plant in Sfax, Tunisia	Aref Maalej, ENIS Sfax
11:50		Using geothermal and solar energy for autonomous water desalination	Karim Bourouni, ENIT Thameur Chaibi, INRGREF
12:10		Spanish Cooperation project in Southern Tunisia: PV-RO desalination unit in the village of Ksar Ghilène	Penelope Ramirez, ITC
12:30		Successful plants worldwide	Eftihia Tzen, CRES
12:50		Questions and discussion	
13:00		<i>Lunch break</i>	
14:00	<b>Research and Development</b>	Improvements in energy efficiency	Murray Thomson, Loughborough University
14:20		Development of an autonomous solar rankine cycle system for RO desalination	Dimitris Manolakos, AUA
14:40		Solar desalination for water supply in Southern Tunisia	Hammami Naceur, ANME
15:00		Questions and discussion	
15:10		<i>Coffee break</i>	
15:30	<b>Market available technologies</b>	Solar thermal desalination for rural applications	Stefan Thiesen, ZONNEWATER
15:50		The Solco PV-RO system	Duncan Stone, SOLCO
16:10		The ENERCON Wind - RO System	Frank Hensel, ENERCON
16:30		Questions and discussion	
16:40	<b>Closing session</b>	Conclusions and next steps	Panel Discussion
17:00		End	

**Organised jointly by:**

