

The Agricultural University of Athens,  
is organising..

## Workshop on Autonomous Water Desalination Applications in the context of the ADIRA Project

Monday, 6<sup>th</sup> December 2004, 17:30 – 19:30,  
GRAND HAWAII HOTEL, Limassol, Cyprus

### Workshop Goal

The goal of the Workshop is to provide a forum for the discussion of the short and long term market penetration of water desalination applications with emphasis in autonomous systems assisted by renewable energy sources. This will promote wider publicity of the efforts made by various public and private bodies in Cyprus and elsewhere, towards the satisfaction of fresh water demand at prices not necessarily higher than marginal costs of conventional water supplies.



Technical and economic performance of latest equipment and technologies for both sea and brackish water desalination are within the scope of interest of the Workshop. Current water conditions and future expectations of supply and demand will give the background and the context in which the new technologies operate. Special emphasis will be given to Autonomous Water Desalination Systems, which is the prime target of the Adira Project.

### Who Should Attend

The Workshop is open to anybody interested in Water Desalination. The subjects to be discussed will be of special interest to: *Decision Makers, Researchers, Engineers, Economists, Experts in Water Desalination, Suppliers of Water Desalination Systems and Related Equipment, Water Suppliers and Consumers*

### The ADIRA Project<sup>1</sup>

The ADIRA Project aims the study, design and installation of a over ten Autonomous Water Desalination Systems (ADS) in several Middle Eastern and North African countries. Two of them will be installed in Cyprus. The objective of the project is the study of technical performance and socio-economic viability of autonomous systems, the development of Master Plans for the selected sites and the actual installation and operation of the ADS.

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<sup>1</sup> ADIRA – Autonomous Desalination System Concepts for Sea & Brackish Water in Rural Areas with Renewable Energies. Potential, Technologies, Field Experience, Socio-Technical & Socio-Economic Impacts.

The ADIRA consortium consists of the Egyptian Water and Energy Association, Fondation Marrakech 21, The Middle East Desalination Research Centre, the Agricultural University of Athens, National Centre for Scientific Research DEMOKRITOS, the Technological Institute of the Canary Islands, Jordan University of Science and Technology, Istanbul Technical University, Fraunhofer ISE and the subcontractors WIP (Munich) and Prodwell Technologies (Cyprus) is supported by the European Commission under contract number ME8/AIDCO/2001/0515/59610. Activities are conducted with the financial assistance of the European Commission.

# Autonomous Water Desalination Applications

WORKSHOP ORGANISED by the AGRICULTURAL UNIVERSITY OF ATHENS

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## Workshop Programme

17:00 Arrival - Coffee

17:30 WELCOME NOTES

17:35 KEY SPEAKERS (20 mins each + questions)

*Gisela Vogt &  
Ulrike Seibert*

Fraunhofer Institute for Solar Energy Systems:  
*The ADIRA Project*

*Elias Kambourides*

Deputy Director, Water Development Department, Ministry of Agriculture, Natural Resources and the Environment, Cyprus,  
*Water Management and Planning in the Republic of Cyprus.*

*Petros Soldatos &  
Char. Trouliotis*

Agricultural University of Athens and Laiki Group Sporting Club, Nicosia,  
*Water Desalination in the Laiki Group Sporting Club: A case study of Autonomous vs Grid Connected system.*

*G. Caramondani*

Caramondani Desalination Plants Ltd,  
*Water Desalination, Market overview, Private Financing Initiative (PFI).*

*Emm. Mathoulakis*

National Center of Scientific Research Demokritos, Greece,  
*ADS installation in the Municipality of Geroskipou, Pafos, Cyprus.*

The Workshop will be hosted in EVAGORAS Meeting Room of the hotel, in parallel and in collaboration with the MEDRC International Conference on Desalination Costing.