



W O R K S H O P
o n
“ D E S A L I N A T I O N U N I T S
P O W E R E D B Y R E N E W A B L E
E N E R G Y S Y S T E M S ”

16th June 2006, Agricultural University of Athens

Organised in the framework of the project RO – SOLAR RANKINE
and supported by the EC under the 6th Framework Programme



PARTICIPATION FREE OF CHARGE -
REGISTRATION REQUIRED

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Workshop language: English

Check also: www.rosolar.aua.gr

ORGANIZED JOINTLY BY:



The Agricultural University of
Athens



The University of Las Palmas, Gran
Canaria

DRAFT SCHEDULE OF THE WORKSHOP

| | | |
|---------------|--|---|
| 09:00 - 09:15 | Welcome speech – Short presentation of the University | Prof. S. Kyritsis Agricultural University of Athens, (Greece) |
| 09:15 - 09:45 | “Development of an autonomous low temperature Solar Rankine Cycle System for Reverse Osmosis Desalination” | D. Manolakos Agricultural University of Athens, (Greece) |
| 09:45 - 10:15 | “Renewable Energy Sources for Desalination” | E. Tzen Centre of Renewable Energy Sources (Greece) |
| 10:15 - 10:45 | “Autonomous Hybrid Desalination System, Development and Operation” | M. Sigalas Centre of Renewable Energy Sources (Greece) |
| 10:45 - 11:15 | COFFEE BREAK | |
| 11:15 - 11:45 | “Autonomous Desalination system concepts for seawater and brackish water in rural areas with renewable energies – Potential, Technologies, Field Experience, Socio-technical and Socio-economic impacts” | Prof. G. Papadakis Agricultural University of Athens (Greece) |
| 11:45 - 12:15 | “Optimization of Reverse Osmosis desalination systems powered by renewable energies (OPRODES)” | Prof. A. Gomez Gotor University of Las Palmas Gran Canaria (Spain) |
| 12:15 - 12:45 | “Desalination by using thermal solar energy: A review” | E. Mathioulakis NCSR “Demokritos” (Greece) |
| 12:45 - 13:15 | “The ENERCON wind-RO system” | F. Hensel ENERCON (Germany) |
| 13:15 - 14:30 | LUNCH BREAK | |
| 14:30 - 15:00 | “Autonomous Desalination Units based on Renewable Energy Systems” | M. Papapetrou WIP (Germany) |
| 15:00 - 15:30 | “A Reverse Osmosis unit powered by PV system with energy recovery unit” | Essam Sh. Mohamed Agricultural University of Athens (Greece) |
| 15:30 - 16:00 | COFFEE BREAK | |
| 16:00 - 16:30 | “Simulation of an innovative stand-alone solar desalination system with an organic rankine cycle” | A. Schuster Technical University of Munich (Germany) |
| 16:30 - 17:00 | Outcomes – Closing of the Workshop | |