



Co-generation of Electricity and Desalinated Water from CSP

A presentation of the conclusions of the Cyprus Institute's techno-economic study for the co-generation of electricity and desalinated water using concentrated solar power (CSP-DSW study)

WORKSHOP PROGRAM

Session I: Invited Lectures

Invited lectures on current state of affairs in the field of CSP, Desalination, Power generation and Policy on Renewables

Session II: The CSP-DSW study

Presentation of the research results of the CSP-DSW study regarding Solar Harvesting and Storage, Desalination methods, and Integration and Optimization

Session III: Study Findings and Panel Discussion

Presentation of the Conclusions and Recommendation of the study and Panel Discussion over the results presented

Organizing Committee:

J. Georgiadis
S. Kassinis
C. N. Papanicolas
G. Tzamtzis

Attendance by Invitation only.

Please contact Ms. Anna Sakkalli for registering.
Tel: +357 22 208793 email: CSPDSW@cyi.ac.cy



EUROPEAN UNION



THE REPUBLIC OF CYPRUS



DEPARTMENT OF CONTROL

The project is co-financed by the Cohesion Fund of the EU

Workshop Programme

Venue: The Cyprus Institute, Guy Ourisson Building, Athalassa Campus

Wednesday, 23rd of June 2010

Workshop Opening

09:00 – 09:45

Welcome

- **Prof. Loukas Kalisperis** (The Cyprus Institute)

Opening Addresses

- **Dr. Titos Christofides** (Under Secretary to the President)
- **Mr. Neoklis Sylikiotis** (Minister of Interior)
- **Dr. Odysseas Michaelides** (Director, Department of Control, Ministry of Communications and Works)

The promise and assessment of co-generation – The CSP-DSW project

- **Prof. Costas N. Papanicolas** (The Cyprus Institute)

Session I: Invited Lectures

09:45 – 10:15

Mr. Solonas Kassinis

Energy Service, Ministry of Commerce, Industry and Tourism

Cyprus Policy on Renewables

10:15– 10:45

Prof. Suhil Kiwan

Jordan University of Science and Technology

Energy situation in Jordan and current Renewable Energy research at JUST

10:45– 11:15

Dr. Amr Radwan

Academy of Scientific Research & Technology (ASRT), Egypt

Renewable energy and desalination: Current research at ASRT

11:15– 11:45

Dr. Andreas Poullikkas

Electricity Authority of Cyprus

Strategies for Power Generation in Cyprus

11:45– 12:15

Prof. Jacob Karni

Weizmann Institute of Technology, Israel

Large Scale Solar Thermal Power Generation: Present and Future

12:15 – 12:45

Prof. Rafi Semiat

Technion, Israel Institute of Technology

Energy Issues in Desalination Processes

12:45 – 13:00

Questions - Discussion

13:00 – 14:00

Lunch Break

**to be confirmed*

Session II: The CSP-DSW study

14:00 – 14:10	Dr. Georgios Tzamtzis <i>The Cyprus Institute</i>	<i>The CSP-DSW Study Overview</i>
14:10 – 14:30	Prof. Alexandros Mitsos <i>MIT</i>	<i>Integration and Optimisation of a CSP-DSW system</i>
14:30 – 14:50	Mr. Danny Codd <i>MIT</i>	<i>Solar harvesting and storage: The CSPonD concept</i>
14:50 – 15:10	Dr. Constantinos Rouvas <i>Electricity Authority of Cyprus</i>	<i>Parametric thermodynamic modelling of steam turbines</i>
15:10 – 15:30	Prof. John Georgiadis <i>University of Illinois and The Cyprus Institute</i>	<i>State of the art desalination for a CSP-DSW system</i>
15:30 – 16:00	Discussion - Questions	
16:00 – 16:30	Coffee Break	

Session III: Study Findings and Panel Discussion

16:30 – 17:00	Prof. Costas N. Papanicolas <i>The Cyprus Institute</i>	<i>Conclusions of the CSP-DSW study</i>
17:00 – 18:00	Panel Discussion: Participants <ul style="list-style-type: none">• Dr. Dario Breschi• Prof. Jacob Karni• Mr. Solonas Kassinis• Prof. Suhil Kiwan• Prof. Costas N. Papanicolas• Prof. Rafi Semiat	<i>The deployment of CSP and Desalination technologies in the MENA Region</i>

Closing Remarks – End of Workshop

Workshop Secretariat: Ms. Anna Sakkalli.

Tel: +357 22 208793, e-mail: CSPDSW@cyi.ac.cy



EUROPEAN UNION



THE REPUBLIC OF CYPRUS



DEPARTMENT OF CONTROL

The project is co-financed by the Cohesion Fund of the EU