



### Seminar on Concentrating Solar Power (CSP) in Abu Dhabi, UAE from 2 – 4 November 2010 at Crowne Plaza, Abu Dhabi Yas Island

The Renewables Academy (RENAC) and the German-Emirati Joint Council for Industry and Commerce (AHK) will implement a seminar on Concentrating Solar Power (CSP) in Abu Dhabi from the 2nd – 4th of November 2010 for participants from the **Middle East and countries from the MENA region**.

In the MENA region the natural conditions for the use of solar radiation for electricity generation are outstanding. Hence there is the need to encourage planning and implementation of new projects in this direction to foster its use. To move towards this goal, the seminar aims at improving know-how on CSP technologies and relevant non-technical aspects that are necessary for such technologies to be in place. Crucial elements of strategy-development for CSP will be examined and discussed with RENAC lecturers from Fraunhofer Institute for Solar Energy Systems (ISE) and Lahmeyer International.

#### Target group

Decision makers and engineers from

- Ministries and public authorities
- Grid operators and utilities
- Project developers and consulting companies
- Financing institutions and investment agencies
- Industry and industry associations

#### Seminars

The seminar will be divided into two parts with focus on the needs of different target groups. Participants have the possibilities to choose one part of the seminar:

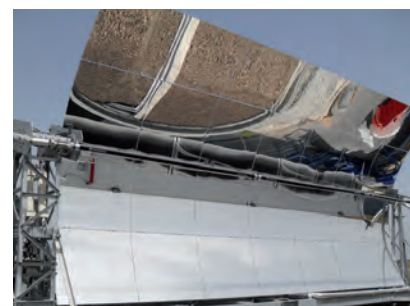
##### Seminar for Decision Makers (2 November):

This one day seminar is designed for decision makers wishing to get an overview of technologies and their current state of the art, applications, necessary political frameworks and financing for CSP projects.

##### Seminar for Engineers (3 – 4 November):

This two day seminar is designed for engineers and will provide in-depth knowledge on CSP technologies as well as specifications on financing and business models for CSP projects. Participants will understand the main implementation steps and the critical success factors for a CSP project.

**For more information, please refer to our website: <http://www.tree-project.de/course-program/tree-2010-seminars-on-csp/>**





# SEMINAR SCHEDULE

## TRANSFER RENEWABLE ENERGY & EFFICIENCY



### DECISION MAKERS - 2 NOVEMBER

8 am – 4 pm

Opening Session

Introduction to CSP

Solar thermal power plant technologies I

**Coffee break**

Solar thermal power plant technologies II

Project phases and tendering procedures

**Lunch break**

Global players

Business models, finance & opportunities

**Coffee break**

Ecology, barriers, risk assessment, political policies

Economics and future developments

Summing up and conclusions

### ENGINEERS – 3 NOVEMBER

8 am – 5 pm

Opening Session

Introduction to CSP

Parabolic trough systems

**Coffee break**

Fresnel collectors

Solar towers and dish systems

**Lunch break**

Storage technologies

Power generation

**Coffee break**

Cooling, maintenance and operation

Siting and criteria

Summing up and conclusions

### ENGINEERS – 4 NOVEMBER

8 am – 5 pm

Determining potential irradiation

Modeling and Design

**Coffee break**

Project phases and timescales, reasons for project overruns

Tendering procedures and selection of project participants

**Lunch break**

Global Players (EPC, OEMs, designers, subcontractors)

Business models, finance & risk assessment

**Coffee break**

Combinations of cooling and desalination

Economics and future developments

Summing up and conclusions

Project designed & conducted by:

Project supported by:

In cooperation with:



### Seminar on Concentrating Solar Power (CSP) in Abu Dhabi, UAE from 2 – 4 November 2010 at Crowne Plaza, Abu Dhabi Yas Island

#### Seminar fee (includes printed seminar proceedings, coffee & lunch)

##### One day seminar for decision makers (8 am – 4 pm)

Early bird registration until 16 September 2010	1,365 AED
Regular seminar fee	1,730 AED

##### Two day seminar for engineers (8 am – 5 pm)

Early bird registration until 16 September 2010	2,250 AED
Regular seminar fee	2,700 AED

Employees of government bodies have the possibility to take part free of charge.

#### Take part in TREE distance learning modules!

Participants of this seminar also have the opportunity to participate in TREE distance learning courses **free of charge!**

Modules starting in spring 2011 are:

- Financing of renewable energy projects
- Introduction to renewable energy and energy efficiency technologies
- International energy policy
- Market development for renewable energy technologies
- Quality and supply chain management

For more information, please refer to our website:

<http://www.tree-project.de/distance-learning/>

#### Registration

To register, please fill in the registration form attached and send it to:

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