



**SOLAR – UND WÄRMETECHNIK
STUTT GART**

EIN UNTERNEHMEN IM STEINBEIS-VERBUND
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Kick-Off meeting and Training Course for ArSol Program

4-8 June, 2012

ITW, Pfaffenwaldring 10

Stuttgart, Germany

Agenda Kick-off meeting

Date: June 4; 2012;

Start: 10:00 hrs;

End: 17:00 hrs

Opening Session		
10.00-11.00	- Welcome address by SWT, Dr. Harald Drück - Welcome speech by RCREEE, Eng. Ashraf Kraidy - Welcome speech by League of Arab, Eng. Jamila Mattar (tbc) - Welcome speech by League AIDMO, Mr. Hassan Qasem - Introduction of participants	
11.00-11.30	Break	
11.30-11.50	Presentation of SWT and the Research and Testing Centre for Thermal Solar Systems (TZS) at the Institute of Thermodynamics and Thermal Engineering (ITW), University of Stuttgart	Harald Drück
11.50-12.10	Presentation of the ARSOL project including Background Study of RCREEE	Ashraf Kraidy
12.10-12.30	Presentation of the draft project plan	Harald Drück
12.30-13.00	Discussion of the draft project plan	all
13.00-14.00	Lunch	
14.00-14.30	General introduction to certifications of solar thermal products and installers	Jan Erik Nielsen
14.30-15.00	Presentation of the Solar Keymark Network (structure, management, working principles etc.)	Harald Drück

15.00-15.30	Presentation of the idea of the ArSol Network	Harald Drück
15.30-16.00	Foundation of the Arab Solar Network	all
16.00-17.00	Visit of the facilities of the “Research and Testing Centre for Thermal Solar Systems (TZS)”	Harald Drück Stephan Fischer Dominik Bestenlehner
17.00	Closing	

Agenda Training Programme

June 5, 2012, Start: 09:00 hrs; End: 17:00 hrs		
09.00-17.00	General introduction to solar thermal technology and markets.	Harald Drück
	Overview on standards for solar thermal systems and components.	Harald Drück
	Quality management and factory inspections.	Stephan Fischer
	Collector testing according to EN 12975 / ISO 9806 (theoretical and practical) (Stephan Fischer).	Stephan Fischer
Evening	City tour (1 hrs) and common dinner	All
June 6, 2012, Start: 09:00 hrs; End: 17:00 hrs		
09.00-17.00	System testing according to EN 12976 / ISO 9459-2 and -5 (theoretical and practical).	Dominik Bestenlehner
	System testing according to EN 12977 / ISO 9459-4 (theoretical and practical).	
June 7, 2012, Start: 09:00 hrs; End: 17:00 hrs		
09.00-17.00	– Certification of solar thermal systems and components including Solar Keymark certification, SRCC certification, Golden Sun certification and others.	Jan Erik Nielsen
	– Product certification – process and experience	German Certification Body DINCertco
	– Requirements for installer certification	Jan Erik Nielsen
	– Solar thermal cooling systems – technology and testing	Harald Drück
	– Presentation of first draft certification programme	Jan Erik Nielsen

	<ul style="list-style-type: none"> - Discussion - Handing over of training certificates 	Harald Drück
June 8, 2012, Start: 09:00 hrs; End: 17:00 hrs		
09.00-17.00	<ul style="list-style-type: none"> - Introduction to large scale solar thermal systems with seasonal heat storage including the visit of the sites at Eggenstein and/or Neckarsulm 	Dominik Bestenlehner
	<ul style="list-style-type: none"> - Technical visit (e.g. Mercedes or Porsche museum) at Stuttgart 	