











Report of the workshop "Technologies for solar cooling in tropical climates" & guided tour of world's largest solar cooling System On April 5th, 2013 in Singapore

## Agenda



8.30	
	Guided Tour of the World's Largest Solar Cooling Plant
10.15	Pre-arranged Transport/Shuttle to Cleantech One,
	Cleantech Park - Singapore's First Eco-Business Park, for
	Workshop
11.00	
11.15	Welcome Speech by Volker Amann, Head of Mission at Austrian
	Embassy Singapore
11.30	Presentation of solar cooling plant UWC Singapore
	(Moritz Schubert, Solid Austria)
12.00	
12.45	The IEA SHC programme
	(Alexander Morgenstern, Fraunhofer ISE, Germany)
	IEA SHC Task 48: Quality Assurance & Support Measures for
	Solar Cooling Systems (Alexander Morgenstern, Fraunhofer ISE,
	Germany)

# Agenda



10.00	
13.30	Solar Heating and Cooling in Singapore
	(ANG Kian Seng, Group Director, Research - Building and Construction
	Authority, IEA SHC Executive Committee Member for Singapore)
14.00	Development of new absorption chillers and latent heat storages
	(Martin Helm and Manuel Riepl, ZAE Bayern, Germany)
14.30	Advances in Solar DECs: test and researches at University of Palermo
	(Marco Beccali, DEIM, University of Palermo, Italy)
15.00	Prototype operation of the open sorption based air-conditioning system
	(ECOS) under tropical conditions joint presentation by Arifeen Wahed
	(SERIS, Singapore) and Alexander Morgenstern (ISE, Germany)
15.30	Tea Break
16.00	Overview of innovative cooling and dehumidification technologies for
	tropics as living labs at Cleantech One. (Nilesh Y. Jadhav, ERI@N,
	Singapore)
16.30	Final words of organisers (Solid and co-organising partners)
	Question and answer session
17.30	Cocktail

#### **Participants**



#### **COMPANY/DESIGNATION** Fraunhofer ISE / Senior Scientist ZAE Bayern - Research ZAE Bayern - Research University of Palermo - Assoc Prof ERIAN/NTU - Program Mgr/Snr Scientist ERIAN/NTU - Research Scientist ERIAN/NTU ERIAN/NTU ERIAN/NTU - Research Scientist ERIAN/NTU ERIAN/NTU ERIAN/NTU ERIAN/NTU SERIS/NUS - Research Scientist SERIS/NUS SERIS/NUS - PhD Student SERIS/NUS - Research, PV System Tech SERIS/NUS - Head, Solar Buildings Group SERIS/NUS SERIS/NUS - Snr Research Scientist Dept of Mechanical Engineering/NUS -Prof BCA - Group Director, Research

	COMPANY/DESIGNATION		
BC	A		
BC	A		
BC			
NE.	A/EECD		
NE	A/ETO		
NE	A/ETO		
NE.	A/ETO		
JTC	C/Snr Principal Engineer		
JTC	C/Snr Engineer		
JTC	C/Dy Director		
JTC	C/Snr Engineer		
Sch	nool of EEE/NTU - Assoc Prof		
Sch	nool of EEE/NTU - Assoc Prof		
	nool of EEE/NTU - Project Manager		
Sch	nool of EEE/NTU - Assoc Prof		
EDI	B/Senior Officer, Cleantech		
NR	F		
Au:	strian Embassy/Head of Mission		
Au:	strian Embassy		
SO	LID - Strategic Marketing		
	LID - Technical		
SO	LID - Project Development		
	zer/Engineering Director		
	zer/Senior Manager		
Fre	ench Institute/Scientific Officer		
Cot	fely/Deputy Managing Director		
Cot	fely/Director		

COMPANY/DESIGNATION
Cofely/Deputy Managing Director
Cofely/Director
Cofely/Manager, Business Development
Memsys/Senior Project Engineer
Memsys
EDF/Sustainable Cities Chief Officer
SNB CoalTrade Pte Ltd
SNB CoalTrade Pte Ltd
iC CES/Senior Expert
Midpoint Properties Limited
THG & Asscociates
THG & Asscociates
Woh Hup
Woh Hup
L J Energy / Technical Director
Baiteli Green Energy / Director
Singapore Lifestyle Initiative P/L
Cyclect/Deputy Manager, Green Products
ACMV Pte Ltd
ACMV Pte Ltd
Baiteli Green Energy
Baiteli Green Energy
Baiteli Green Energy
Sirius Int'l Energy Trading P/L / Exec Dir.
SNB CoalTrade Pte Ltd
Prestan Capital
SOLID





























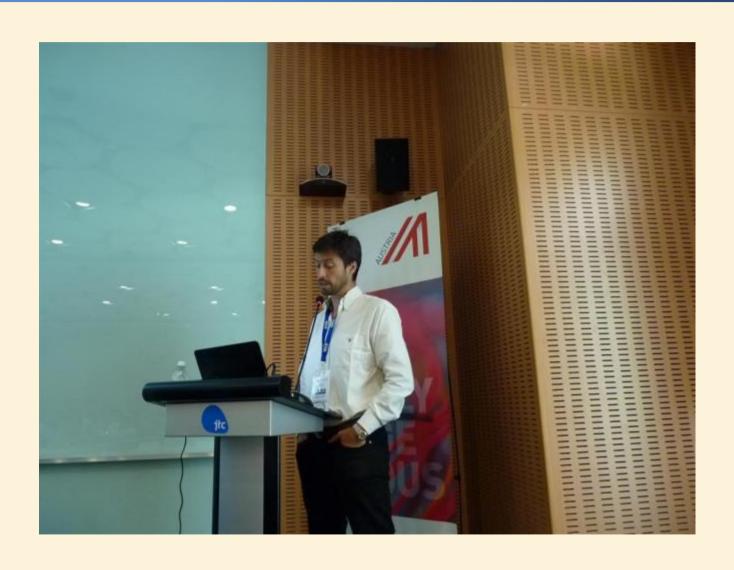


































# Thank you