



WORKSHOP on Concentrated Solar Power (CSP) Local Manufacturing in the Middle East and North Africa Region (MENA)

Marriott Hotel, Cairo
30th September 2010



8:30 – 9:30 Registration and Coffee

Session I: Welcome remarks and introduction

Chair: Eng. Abdel Rahman Salah El Din, Chairman, NREA, Egypt

9:30 Welcome remarks

- Mr. Jonathan D. Walters, Sector Manager, World Bank
- H. E. Dr. Hassan Ahmed Younes, Minister of Electricity and Energy

9:45 Local and global benefits - CSP local manufacturing in the context of the regional MENA CSP scale-up initiative

- Mr. Chandrasekar Govindarajalu, Senior Energy Specialist, World Bank

Session II: Presentation of the CSP Local Manufacturing Report

Chair: Mr. Philippe Roos, Senior Energy Specialist, World Bank

10:00 Overview of the context and objectives of the CSP Local Manufacturing Report

- Dr. Wolfgang Eichhammer, Fraunhofer ISI

10:15 The CSP value chain and cost analysis for main CSP components and systems

- Dr. Gabriel Morin, Fraunhofer ISE

10:30 Potential for developing CSP local industries in MENA countries

- Mr. Alexis Gazzo, Mr. Pierre Gousseland, Ernst & Young

10:45 Q/A

11:15 Coffee Break

11:30 Economic benefits and job creation potential by local manufacturing of CSP

- Mr. Christoph Kost, Fraunhofer ISE

11:45 Road map and action plan to develop a CSP local industry in MENA countries

- Dr. Mario Ragwitz, Fraunhofer ISI

12:00 Q/A

12:30 Lunch

Session III: Local industry experiences and government support in MENA countries

Chair: Abdel Rahman Salah El Din, Chairman, NREA, Egypt

- 13:30 Government initiatives supporting the emergence of a local CSP industry in MENA
- Ali Sokhal, New Energy Algeria (NEAL), Algeria
 - Laila Georgy Youssef, Vice Chairman for Studies, Researches & Technical Affairs, NREA, Egypt
 - Yacoub Marar, Ministry of Energy and Mineral Resources, Jordan
 - Obaid Amrane, Moroccan Agency for Solar Energy (MASEN), Morocco
 - Tanja Faller, African Development Bank
- 14:20 Key factors for the development of CSP local manufacturing in MENA: the experience of local industries
- Hisham Shahrawy and Sherif Sharobeem, Orascom, Egypt
 - Boukhalfa Yaïci, Renewable energies project manager, Cevital, Algeria

14:40 Coffee Break

Session IV: International industry experiences: investment challenges in MENA countries

Chair: Mr. Alexis Gazzo, Ernst & Young

- 15:00 Opportunities and challenges for the CSP industry in MENA countries
- Representative Tbd, Abener/Abengoa, Spain
 - Representative Tbd, Flagsol, Germany
 - Fouad Dahri, Saint-Gobain Solar Glass, UAE
 - Carlos Sanchez, Areva Solar, France/USA
 - Ayman Elkady, Sphinx Glass, Egypt
 - Hartmut Schneider, Novatec Biosol AG, Germany

16:00 Q/A

Session V: Summary and conclusions

Chair: Mr. Chandrasekar Govindarajalu, Senior Energy Specialist, World Bank

- 16:30 Workshop summary
- Dr. Wolfgang Eichhammer, Fraunhofer ISI
- 16:45 Concluding remarks
- Silvia Pariente-David, Senior Energy Specialist, World Bank
 - NREA (Tbd)