



## **Solar Process Heat and Concentrated Solar Power: Profitable technology for large-scale demand**

Within the frame program of the Berlin Energy Transition Dialogue 2017  
[www.energiewende2017.com](http://www.energiewende2017.com)

**the BSW & the DCSP cordially invite/welcome you  
to our joint workshop**

**22. March 2017, 9 am – 2 pm, Berlin**

**Arcotel John F., Werderscher Markt 11, 10117 Berlin**

### **Concentrated Solar Power (CSP) for power, process heat and grid stability**

The Berlin Energy Transition Dialogue is the pivotal international summit, facilitating in-depth, high-level dialogue on energy transition, which will be a fundamental shift towards an affordable, secure and ecologically friendly energy system based on renewables, energy efficiency as well as innovation. In this special year of the German G20 presidency, the conference will contribute to the efforts to reach the COP 21 targets and the UN sustainable development goals of the Agenda 2030. It will specifically elaborate on the question of how to redirect investment streams in the public and private energy markets required for a sustainable energy transformation. Thus, the conference was developed and is jointly hosted by the German government together with the renewable energy associations of Germany.

Within this context the workshop will provide information on concentrated solar power solutions, solar process heat, hybridization and best practice reports. Two panels will inform the audience about:

- solar process heat for industries and communities and
- CSP power production, grid management, solar hybridization and solar research



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- 09:00     **Welcome**  
          Jörg Mayer – Director BSW  
          Dr. Joachim Krüger – Chairman of the Board DCSP

**Panel Industrial and communal process heat**

- 09:10     **General Introduction Process heat technologies**  
          Pedro Horta – Fraunhofer-Institut für Solare Energiesysteme
- 09:20     **Process heat in Jordan**  
          Christian Zahler – Industrial Solar
- 09:40     **Solar thermal district heating in France**  
          Stephan Fintelmann – KBB Kollektorbau
- 10:00     **Process heat in oil and other industries**  
          Joachim Krüger – Solarlite CSP Technology
- 10.20     Questions and discussion

**Panel CSP power and grid stability**

- 10:30     **General introduction CSP Technologies and grid management**  
          Bernhard Hoffschmidt – Deutsches Zentrum für Luft- und Raumfahrt
- 10:50     **A 100% renewable generation requires a blend of PV, Wind, CSP and batteries – a strategic perspective**  
          Martin Schlecht – Suntrace
- 11:10     **CSP power plants in Spain, Kuwait and South Africa**  
          Oliver Baudson – TSK Flagsol Engineering
- 11:30     **CSP Research on CSP cost reduction**  
          Bernhard Hoffschmidt – Deutsches Zentrum für Luft- und Raumfahrt
- 10:50     Questions and discussion
- 12:00     **Lunch**



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- 13:00      **The success story of CSP in Morocco**  
Adil Bouabdallah – Masen
- 13:20      **The role of CSP in an increased regional exchange scenario**  
Dr. Luis Crespo – European Solar Thermal Electricity Association
- 13:40      Discussion, experience exchange
- 14.00      **Networking on the floor**

Videos of operational plants will be shown during the event.

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### About BSW-Solar and DCSP

#### **German Solar Association (BSW-Solar)**

The association's mission is to support its members operating around the world in accessing and developing a global market for solar power, solar heat and solar storages. BSW-Solar drives the implementation of solar business models and is a treasure trove of first-hand information, networks and service, unrivalled in its experience with solar energy.

#### **German Association for Concentrated Solar Power (DCSP)**

was established in September 2013. Among the members are consulting and engineering companies, manufacturers of components, owners and operators of power plants as well as research institutions. The portfolio covers the whole CSP value chain. The association's objective is to join forces and interests of the market players in Germany and enhance their chances in international markets. In their latest policy paper, DCSP explains the social, economic and environmental opportunities of a global expansion of CSP and how the federal government and parliament can make their contributions to utilize these opportunities.