

# SEPA-DESERTEC International Conference 2012

Education and Capacity Building for Renewable Energies

Sept 17-19, 2012 in Giessen, Germany

**Monday, 17th September 2012**

*Session Chair: Prof. Dr. Michael Düren*

13.00      **Registration**

14.00      **Opening Session and Keynote**

Prof. Dr. Peter Winker, Vice-President, Justus Liebig University Gießen

14.15      **Cooperation Between Nations and People – the Process of Internationalization**

Dr. Thiemo Gropp, Director DESERTEC Foundation

15.00      **Solar Energy Partnership for Africa – an Interdisciplinary Approach**

Prof. Dr. Andreas Dittmann, SEPA Group

15.20      **Coffee Break**

*Session Chair: Prof. Dr. Peter Winker*

15.50      **Capacity Building at THM for Efficiency in Energy Applications**

Prof. Dr. Alfred Karbach, Florian Göring, Technische Hochschule Mittelhessen (THM)

16.10      **African Network for Solar Energy (ANSOLE): Bridging Africans in Training, Education and Research.**

PD Dr. Daniel Ayuk Mbi Egbe, Linz

16.40      **Capacity Building for Renewable Energy in Senegal: New Directions in Education and Training**

Issakha Youm, Dakar

17:10      **The German-Senegalese Renewable Energy Network (GESEREN) and the Partnership Dakar-Giessen Prof.**

Issakha Youm, Dakar

17:40      **Closing**

19.30      **Dinner Buffet  
Welcome Speech**

Dr. Ignacio Campino, Director DESERTEC Foundation

20.30      **After Dinner Speech  
“What Risks are and why we have to take them?”**

Caspar Berry, UK

*Session Chair: Sabine Jungebluth*

9.00 **The DESERTEC University Network**

Mouldi Miled, Executive Director of DUN

9.30 **The DESERTEC Knowledge Platform**

Dina Abdel-Fattah, Project Manager DESERTEC Foundation

10.00 **The DESERTEC Virtual Institute**

Prof. Dr. Michael Düren,  
DESERTEC Academic Network and SEPA

10.30 **Coffee Break**

*Session Chair: Dr. Thiemo Gropp*

11.00 **Re-Generation: Participation and Stakeholder Dialogue in Egypt and Tunisia**

Nagi Siam, Project Manager DESERTEC Foundation

11.30 **Perspectives for EUMENA**

Paul van Son, CEO Dii GmbH

12.00 **Lunch**

*Poster Session and Industry Exhibition*

*Session Chair: Prof. Dr. Andreas Dittmann / Micheal Kretzer*

14.30 **International Academic Cooperation**

Stefan Bienefeld, DAAD

15:00 **Sustainable Economic Development and Capacity Development in Emerging Countries**

Dr. Georgeta Vidican, Senior Researcher German Development Institute

15.30 **Workshop-Session**

**Workshop 1: Capacity-Building in Renewable Energies as an Option for Socio-economic Development**

Moderation: Prof. Adel Khalil

Speakers from North African Countries

**Workshop 2: Higher Education and Research Collaboration as an Option for Socio-economic Development**

Moderation: Nagi Siam

Speakers from North African Countries

16.45 **Panel Discussion**

**“Education and Capacity Building for Renewable Energies”**

Moderation: Dr. Ignacio Campino

Dr. Georgeta Vidican, DIE

Stefan Bienefeld, DAAD

Dr. Nils Geißler, GIZ

Nagi Siam

Prof. Dr. Adel Khalil

Speakers from North Africa and Senegal

17.30 **Break**

18.00 **Dinner Buffet**

**Wednesday 19th September 2012**

*Session Chair: Sabine Jungebluth*

9.00 **Future Perspectives EUMENA / ENERMENA**

Dr. Thomas Fend, DLR

10.00 **The DESERTEC Vision**

Dr. Gerhard Knies, DESERTEC Foundation

10.45 *Coffee Break*

11.15 **Discussion with the Participants**

**“Perspective of DESERTEC for the EUMENA Region”**

Moderation: Dr Thiemo Gropp

Dr. Gerhard Knies, DESERTEC Foundation

Representatives of the MENA Region

Further Participants

12.00 **Closing Remarks**

Dr Thiemo Gropp

Prof. Dr. Michael Düren

12.15 **Snack**

**DESERTEC Network Meeting  
Sept. 17-19, 2012 in Giessen, Germany**

**Wednesday 19th September 2012**

13.00 **DESERTEC Network Exchange**

**Report of DESERTEC Network Coordinators**

16.00 **End of Conference**

Dr. Gerhard Knies, DESERTEC Foundation

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## Education and Capacity Building for Renewable Energies Concept and Targets

Scientists in the African, Arabic and European region have already noticed that renewable energies are a key factor for sustainable development. These resources are a chance for the global community to meet energy and water demands, to combat climate change and to create socio-economic potentials for regional development. This is a prerequisite for stabilizing the region and therefore will ultimately improve the level of international security of a world with a population of 9 to 10 billion by the year 2050.

The SEPA-DESERTEC International Conference sets an initial point for more closely integrated research, science and education and to promote leadership within the field of renewable energies. It underlines the meaning of capacity building for a global application of renewable energies.

Talks given by participants from the transformation countries Algeria, Egypt, Libya, Morocco and Tunisia, from Senegal (representing Sub-Sahara Africa) and the European Union (esp. Germany) will provide an overview on the subject. Deeper insights in specific sub-topics will be given by discussion rounds and a poster session by representatives with academic and professional backgrounds.

The SEPA and DESERTEC network kindly invites participants from all over the world to join us and take a global outlook on the important issue of renewable energies.

### Cooperation Partners

SEPA Group (Solar Energy Partnership with Africa), Justus Liebig University Giessen

DESERTEC Foundation

DESERTEC University Network

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The logo for Johannes Hübner Giessen features the name 'JOHANNES HÜBNER' in a large, bold, blue, sans-serif font, with 'GIESSEN' in a smaller, bold, blue, sans-serif font below it. The text is flanked by horizontal lines.

renewable energy

### Conference Venue

Main auditorium (Aula),  
University Giessen, Senckenberstr. 3, Giessen, Germany  
(70 km to Frankfurt Airport)

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