

**Mediterranean Solar Power Initiative:
Using the enormous potential of the Mediterranean countries
for producing electricity**

Tuesday 7 July 2009

Italian Cultural Institute
39 Belgrave Square
London SW1X 8NX



Organized by:

Italian Embassy in London
All Party Parliamentary Climate Change Group, UK

in collaboration with the German Embassy in London



Embassy
of the Federal Republic of Germany
London

CONFERENCE OUTLINE

The European Union is the driving force behind international climate protection policy. Key elements of the EU policy in that field are the efficient use of energy and a massive increase in the use of renewable energies. Renewable energy trading between countries having different types of resources with intermittent availability, such as with wind and solar, is likely to become a significant part of the European energy scene.

Looking beyond Europe, it will be crucial for a successful international climate strategy to get as many countries as possible, including developing countries, involved. To this aim, the Union for the Mediterranean provides a good opportunity for making progress with regard to the use of renewable energies in the EU as well as in the countries of Northern Africa.

In this context, Concentrating Solar Power (CSP) could play a key role. More and more countries are recognising the enormous potential of solar thermal power plants for a sustainable energy supply. Power plants are currently being built or planned in Egypt, Algeria, Australia, China, India, Iran, Italy, Libya, Morocco, Spain, the USA and the United Arab Emirates.

A coordinated effort to develop and deploy solar plants and an appropriate supergrid is being carried out at the European level. It will be beneficial not only as a means of producing cheap clean solar-based electricity for all Europe, but also as an infrastructure for redistributing the energy produced by other sources across the continent, and as a fruitful experience in view of deploying such technologies in developing countries.

The conference aims at bringing together a selected number of panellists who show how the Mediterranean Solar Plan can be realised. Investment opportunities and financial feasibility will be shown alongside the more technological aspects. Finally, the framing of common initiatives will be discussed.

The aim is to convey a positive and constructive message to the audience about the convenience of tackling these goals at an international level.

PROGRAMME

9:00 – 9:30 am Registration – Tea and Coffee

**9:30 am
Welcome Address**

HE Giancarlo Aragona, Italian Ambassador

Introduction to the meeting

Colin Challen MP, Chair APPCCG

10:00 am Setting the scene: “EU Current Policy Directions”

Janis Folkmanis, Princ. Admin., DG-TREN, EU

10:20 am Solar Projects Implementation

Chairman: Prof Philip Eames, Loughborough University

*Concentrated Solar Power Plants - State
of arts and research needs
German contribution to the implementation
of CSP technology*

Gennaro De Michele, Head of Research and
Development Policies, ENEL, Italy
Rainer Tamme, Head – Dept. Thermal Process
Engineering, DLR, Germany

11:00 am Coffee break

11.20 am (cont.)

Chairman: Prof Jim Skea, Research Director, UKERC

*The Mediterranean Solar Plan
Italian MSP Projects
A commercial solar export link
between Tunisia and Italy
The Desertec investment project*

Ralf Christmann, German BMU
Andrea Marroni, GSE and Ministero Affari Esteri, Italy

Till Stenzel, Nur Energie, UK
Siemens/RWE (tbc)

12.40 pm Electricity Transmission Challenges

Chairman: Prof Goran Strbac, Imperial College, London

*The SuperSmart Grid
The Italian view about a supergrid*

Antonella Battaglini, Postdam Inst. - PIK
Enrico M. Carlini/Modesto Gabrieli, TERNA, Italy

Discussion

1:20 pm Working Lunch

2:20 pm Solar Plan Project Investment Opportunities

Chairman: Mike Mason, JPMorgan climatecare, UK

EIB Financing of Renewable Energy Projects

Juan Alario, Associate Director; Head of Energy
Efficiency and Renewables, EIB

*The EBRD approach and experience
Financing Earth's Solar Potential*

Riccardo Puliti, Business Group Director - Energy, EBRD
Gus Schellekens, Director, Sustainability and Climate
Change, PwC, UK

3.10 pm Round Table: “CSP in the wider renewable energies investment context”

Moderator: Kirsty Hamilton, Chatham House, UK

3.40 pm Concluding remarks

Colin Challen MP, Chair APPCCG