Presentation at the12th IPHE ILC/SC meeting

Joint 12th IPHE Implementation Liaison (ILC) & Steering Committee (SC) Meeting in Washington D.C., USA.

The Background & Perspectives of the NATO Science for Peace SfP-982620 Sahara Trade Winds to Hydrogen Project have been presented during the Joint 12th International Partnership for a Hydrogen Economy (IPHE) Implementation and Liaison (ILC) & Steering Committee (SC) held from December 1-3, 2009 in Washington, D.C., USA.

The hydrogen production from large renewable energy sources of the Sahara Wind Project in support of local industries was presented on December 1st 2009, as part of a list of World Hydrogen Projects identified by the IPHE. Through a collaboration made available by the Partner and Member Countries of the North Atlantic Treaty Organization to its Mediterranean Dialogue Countries, the NATO Sahara Trade Winds to Hydrogen Project carried out with institutions of Morocco and Mauritania, highlights the possibilities of integrating renewable energies in weaker electricity grids.

The presentation of the Sahara Wind Project development activities in the field of hydrogen energy technologies and its capacity building activities conducted with Morocco and Mauritanias universities -as non-IPHE member countries- at the joint 12th IPHE Implementation Liaison (ILC) & Steering Committee (SC) meetings is being facilitated by the support received from IPHE countries during previous IPHE related events. Among these, we may mention the Forum on Hydrogen Technologies for the Developing World organized by the Ministry of Education and Science and the Federal Agency of Science and Innovation of Russia which was held in Moscow on 21-23 April 2008 and the International Seminar on the Hydrogen Economy for Sustainable Development Co-organized by the Government of Iceland and the United Nations Department of Economic and Social Affairs held on 27-29 September 2006 in Reykjavik, Iceland respectively.

The Sahara Wind Energy Development Project which involves a phased deployment of over 5 Giga Watts of Wind Energy to deserve Euro-Mediterranean electricity markets provides a good case, where energy intensive processes such as electrolysis can be integrated to support local industries namely in the mine processing sector. Other regions of the world that dispose of large wind resources could benefit from such concepts and early technology deployments as well, reason for which these perspectives were presented in the joint 12th IPHE SC/ILC meetings.

More information on this event and the International Partnership for a Hydrogen Economy -IPHE- can be obtained under:

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