



Invitation to the Solar Fuel Event And Inauguration Of the HYDROSOL-II Pilot Plant

Plataforma Solar de Almería
Spain
March 31st, 2008





Agenda

- 11:00 Press Conference
- 11:30 Forum: „CSP for Fuels“
Short Statements by invited Speakers
of the project partners, EU,
participating countries, and industry
- 13:30 Inauguration of the
HYDROSOL-II Pilot Plant
- 14:30 Buffet Lunch and Discussions
- 15:00 PSA Tour

The HYDROSOL-II consortium (<http://www.hydrosol-project.org>) would like to invite you to the Solar Fuel Event and Inauguration of the HYDROSOL-II pilot plant on the Plataforma Solar de Almería, Spain on March 31st, 2008.

Within the two European Commission co-funded projects HYDROSOL (FP-5) and HYDROSOL- II (FP-6) a thermochemical technology that produces hydrogen solely from solar energy and water has been developed up to the pilot plant scale.

In the HYDROSOL project the technology was developed at the laboratory scale and demonstrated in the solar furnace of DLR in Cologne, Germany. HYDROSOL was the first ever, closed solar-only, thermochemical cycle for hydrogen production.

This achievement and the potential impact on sustainable large-scale hydrogen production were acknowledged by international juries. HYDROSOL was awarded the European Descartes Research Prize 2006. It also received the inaugural Technical Achievement Award of the International Partnership for the Hydrogen Economy IPHE in 2006 and was one of the laureates of the Global 100 Eco-Tech Award at the Expo 2005, Aichi, Japan.

HYDROSOL II aim is to show that the technology can be scaled-up. In this way it will demonstrate to all stakeholders from society and industry that the gap between research and market implementation is further narrowed down.

The operation of the HYDROSOL-II dual reactor pilot plant with a power level of 100 kW/reactor on the SSPS-CRS facility of the Plataforma Solar de Almería will demonstrate that the combination of Concentrated Solar Power facilities coupled with high temperature processes will be a viable way to produce large amounts of hydrogen at a reasonable cost without any greenhouse gas emissions, paving the way for a future sustainable, purely renewable hydrogen economy.

We will combine the inauguration of the HYDROSOL-II pilot plant on March 31st, 2008 with a brief Solar Fuel Event which will be a forum for participants to communicate strategies from policy, industry and R&D for the further development of CSP produced fuels to the market.

Please confirm your participation a.s.a.p. by e-mail to:

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Road map to access the Plataforma Solar:

The Plataforma Solar de Almería is located about 40 km north east of Almería. It can be accessed from Almería via the highway A-92 direction Guadix/Granada, exit 376 direction Tabernas (see map below).

Besides Almería the closest airports are Malaga and Alicante. More information are available at:

<http://www.psa.es/webeng/itinerarios.php>



Selection of Hotels in Almería:

Gran Hotel Almeria ****

<http://www.granhotelalmeria.com/inicio.htm>

Reina Regente, 8. Almería

Tel.: +34 950 238 011

HOTEL TORRELUZ ***

<http://www.torreluz.com/>

Plaza Flores, 3. ALMERIA

Tel.: +34 950 234 399

HOTEL AM TORRELUZ ****

<http://www.amhoteles.com>

Plaza Flores, 5. ALMERIA

Tel.: +34 950 902 234999

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NH Ciudad de Almeria ****

Jardín de Medina, s/n, 04006 Almería (España)

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Hotel Vincci Mediterráneo ****

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