SOLAR-ERA.NET - Information and Match Making Event

24th + 25th February 2016

Hilton Düsseldorf

SOLAR-ERA.NET is a network bringing together more than 20 RTD and innovation programmes in the field of solar electricity technologies in the European Research Area. The network of national and regional funding organisations has been established in order to promote transnational cooperation.

In order to exchange experience of ongoing transnational projects, bring up new project ideas in the area of solar power technologies, build strong consortia for new projects and learn about funding opportunities, SOLAR-ERA.NET is organising an Information and Match Making Event on 24th and 25th February 2016 in Düsseldorf, Germany.

Coordinators of funded and planned projects in the framework of SOLAR-ERA.NET are invited to network and to exchange their scientific and organisational experiences. The meeting is also an opportunity to create new ideas and proposals for future cooperation in follow-up activities of SOLAR-ERA.NET.

The event also addresses the broader community of research institutions, industry, governmental and non-governmental organisations interested in receiving information about SOLAR-ERA.NET activities, preliminary project results as well as future funding opportunities. Experts not yet involved in SOLAR-ERA.NET are invited to get in contact with potential European partners and to present their ideas.

Topics and issues at Information and Match Making Event (24th February 2016)

- First-hand information on SOLAR-ERA.NET projects
- Experience exchange on transnational projects in solar power technologies
- Identification of new innovative ideas
- Building of strong transnational consortia for new projects
- Funding opportunities through SOLAR-ERA.NET
- Technical tour to the TÜV - Rheinland PV module test facility and the DLR CSP research facilities in Cologne (25th February 2016)

Programme of the Information and Match Making Event

Information and Match Making Event - Session 1	
10:00	Registration
10:30	Welcome Dr. Joachim Kutscher, Head of Energy, Project Management ETN, Jülich, Germany
10:45	**Challenges and Opportunities for the Solar Research and Industry** Dr. Stefan Nowak, NET Nowak Energy & Technology Ltd, Switzerland, Coordinator SOLAR-ERA.NET SOLAR-ERA.NET – Network for Funding Transnational Research Development and Innovation Projects: Experiences, Challenges and Opportunities through Cooperation of National and Regional Funding Agencies and Programmes Dr.-Ing. Mark Schmitz, Technology Director, TSK Flagsol, Germany With Intelligent Optimisation Strategies and Higher Temperatures to Better Performance and Lower Cost Dr. Eric Schneiderlöchner, Solar World, Germany Challenges and Opportunities for R&D in the PV Field from an Industry Point of View Prof. Wim C. Sinke, Co-chairman European Photovoltaic Technology Platform, ECN Solar Energy, The Netherlands New Governance of the Strategic Energy Technology (SET-) Plan - Integrated Roadmap for Renewables and European Technology and Innovation Platforms Dr. Thomas Grünewald, Deputy Minister, Ministry of Innovation, Science and Research, North Rhine-Westphalia Solar Energy Research in North Rhine-Westphalia
12:15	*Lunch*

Information and Match Making Event - Session 2	
13:30	**Transnational Projects Funded in the Context of SOLAR-ERA.NET – Part 1** Short presentations on (expected) scientific results, technological developments, commercial valorization, experiences and new project ideas for future joint calls Dr. Lionel Fourdrinier, AC&CS - CRM Group, Belgium Novacost - Non Vacuum Based Strategies for Cost Efficient Low Weight Chalcogenide Photovoltaics Andreas Zimmermann, Sunplugged GmbH, Austria Monoscribe - Roll-to-Roll Monolithic Interconnection of Customizable Thin-film Solar Modules Prof. Ayodhya Tiwari, Empa - Swiss Federal Laboratories for Materials Science and Technology, Switzerland NovaZolar - All-non-Vacuum Processed ZnO-based Buffer and Window Layers for CIGS Solar Cell Technology Dr. Parisa Sehati, Glafo - Glass Research Institute, Sweden LIMES - Light Innovative Materials for Enhanced Solar Efficiency Dr. Ivan Gordon, IMEC, Belgium PV4FACADES - Photovoltaics for High-Performance Building-Integrated Electricity Production Using High-Efficiency Back-Contact Silicon Modules Joerg Scheurer, Polytec PT GmbH, Germany InnoModu - Leadfree Modules with Low Silver Content and Innovative Busless Cell Grid
14:45	*Coffee break for networking*

Information and Match Making Event - Session 3	
15:30	**Transnational Projects Funded in the Context of SOLAR-ERA.NET - Part 2** Short presentations on (expected) scientific results, technological developments, commercial valorization, experiences and new project ideas for future joint calls Dr. Iwan Davies or Dr. Andrew Johnson, IQE plc, United Kingdom THESEUS - Tandem High Efficiency Solar Cells Utilizing III-V Semiconductors on Silicon Dr. Markus Klenk, Züricher Hochschule für Angewandte Wissenschaften ZHAW, Switzerland U-light - Ultra Lightweight PV Modules and their Applications in Innovative PV Systems Achieving Lowest Levelized Cost of Electricity (LCOE) Prof. Elias Kyriakides, University of Cyprus, Cyprus PV2GRID - A Next Generation Grid Side Converter with Advanced Control and Power Quality Capabilities Dr. Thomas Ackermann, Energynautics GmbH, Germany Snoopi - Smart Network Control with Coordinated PV Infeed Bruno D'Aguanno, CIC energiGUNE, Spain SLAGSTOCK - Low-Cost Sustainable Thermal Energy Storage Systems Made of Recycled Steel Industry Waste Christoph Hilgert, German Aerospace Center (DLR), Spain SITEF - Silicone Fluid Test Facility John Mitchell, protarget AG, Germany EDITOR - Evaluation of the Dispatchability of a Parabolic Trough Collector System with Concrete Storage
16:45	Dr. Stefan Nowak, NET Nowak Energy & Technology Ltd, Switzerland, Coordinator SOLAR-ERA.NET Discussion on challenges and opportunities in ongoing and future joint calls Summary and closing remarks
17:15-18:30	*Reception / Match Making Cocktail*
20:00	*Match Making Dinner*

25th February 2016 – Technical Tour	
08:00	Departure by bus from Hilton Düsseldorf
09:00-13:30	Visits at Solar Energy Assessment Centre Cologne laboratories at TÜV Rheinland and CSP lab in Cologne at German Aerospace Cente
14:30	Arrival at and departure by bus from Hilton Düsseldorf
15:00	Arrival at Düsseldorf Airport (exact time depending on traffic situation)

Organisational Issues

Venue and hotel

Venue: Hilton Düsseldorf, Room Hegel 1+2, Georg-Glock Strasse 20, Tel.: +49 211 43770

The event is fully booked.

Travel information:

Your way from the Airport to the Hilton Hotel Düsseldorf:
Option A: Take Bus No. 721 from Airport Terminal A/B/C in Direction of “Gothaer Weg” and get off at “Nordfriedhof” (8 stops). Walk 300m to the hotel (follow map below)
Option B: Alternative route to the hotel: Take the S-Train S11 from the Airport and get off at „Düsseldorf Hauptbahnhof”. From there take the Underground U78 or U79 to “Theodor-Heuss-Brücke”. From there you walk 450m to the hotel.
Option C: Taxi (around 20 euros)
Your way from Düsseldorf main station to the Hilton Hotel Düsseldorf:
Take Underground U78 or U79 to “Theodor-Heuss-Brücke”. From there you walk 450m to the hotel.

Your way to the Match Making Dinner on 24th February 20:00h at „Brauerei Zum Schlüssel“.
We will meet at the hotel lobby at 19:30. If you want to go there on your own: From the Hilton you take Underground U78 or U79 from Theodor-Heuss-Brücke to Heinrich-Heine-Allee. There you take the exit "Bolker Straße", go to “Bolker Straße” (McDonalds to the right). The Brewery „Zum Schlüssel“ is located on the left hand side at Bolkerstraße 43.

Contacts

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