

Madrid Network – University of California, Davis Research Workshop **Renewable Energy: Science, Technology, Markets and Policy**

December 9-10, 2013, Madrid, Spain
Venue: LASEDE (Colegio Oficial de Arquitectos de Madrid, COAM)

Agenda

DAY 1 (December 9)

Plenary Session I: Renewable Energy Research

9:00 - 9:20 AM

Welcome and introductions - Madrid Network/UC Davis: Review of Showcase purposes, agenda and proposed outcomes

- **Madrid Regional Government**
- **Hector Casado, Director of Madrid Network**

9:20 - 9:30 AM

Introduction to University of California, Davis

- **Harold Levine, Dean and Professor - School of Education, UC Davis**

9:30 - 9:45 AM

Research Overview of UC Davis

- **Paul Dodd, Associate Vice Chancellor, Office of Research, UC Davis**

Theme Session 1: Overview of renewable energy research

9:45 - 10:30 AM

Overview of renewable energy research at UC Davis

- **Anthony Eggert, UC Davis Policy Institute for Energy, Environment and Economy**

10:30 - 11:00 AM

Break/Networking

Theme Session 2: Key challenges and future trends in the Energy sector (grids, energy storage, smart meters, big data, smart cities, etc.)

11:00 - 11:35 AM

Key Challenges and Future Trends in Energy sector – a Californian perspective

- **Benjamin Finkelor, UC Davis Energy Efficiency Centre**

11:40 - 12:15 PM

Key Challenges and Future Trends in the Energy sector, presentation – a European perspective

- **Javier Dufour, Associate Senior Researcher & Head of Unit of System Analysis, IMDEA Energy**

12:30 - 1:30 PM

Future trends in Energy sector panel discussion. Moderator: **Paul Dodd, Associate Vice Chancellor, UC Davis Office of Research.**

- **Roberto de Antonio, Managing Partner, Factor Verde**
- **Francisco de la Peña, Founder and Member of the Board, N2S**
- **Juan Garrigosa, Responsible for Technological Projects, ENEL-ENDESA**
- **Benjamin Finkelor, UC Davis Energy Efficiency Centre**

1:30-2:45 PM

Lunch/Networking

Theme Session 3: Solar Energy

3:00 - 3:35 PM

Present and future of photovoltaic solar electricity

- **Carlos del Cañizo, Director of Solar Energy Institute, UPM**

3:40 – 4:15 PM

Photovoltaic Research at UC Davis

- **Gergely Zimanyi, Professor of Physics, UC Davis**

4:20 – 4:55 PM

California Solar Energy Collaborative and Hybrid PVT Systems at UC Davis West Village

- **Peter Stroeve, Co-Director of the California Solar Energy Collaborative, UC Davis**

5:00 - 6:00 PM

Solar energy panel discussion. Moderator: **David Martinez, Managing Director, Sustainability and Renewable Energies Cluster, Madrid Network.**

- **Tomás García, Director of Market Development & Strategy EMEA & LATAM, SunEdision**
- **Enrique Serrano, Director of Operations, Sun2market**
- **David Perez, Renewable Energies Director, Altran**
- **Manuel Romero, Deputy Director of IMDEA Energy Institute & Head of Unit of High-temperature Processes, IMDEA Energy**

6:00 PM - Adjourn

Collaboration opportunities (areas of common interest, follow-up visit opportunities, personnel exchanges, student intern placements, development of joint R&D proposals, etc.)

DAY 2 (December 10)

Plenary Session II: Energy Policy Research

9:00 - 9:10 AM

Welcome and introductions

- **Carlos Lopez Jimeno, General Director for Industry, Energy and Mining, Madrid Regional Government**

9:10 - 9:45 AM

Renewable Energy Policy and Research in California

- **Anthony Eggert, Executive Director, Policy Institute for Energy, UC Davis**

9:45 - 10:20 AM

Renewable Energy Policy in Spain.

- **Cayetano Hernández, Independent Consultant**

10:25 - 10:55 AM

Networking Break

Theme Session 4: Wind Energy

11:00 - 11:30 AM

California Wind Energy Collaborative (CWEC)

- **Case Van Dam, Department Chair, Mechanical and Aerospace Engineering, UC Davis**

11:30 – 12:00 PM

Madrid wind energy talk

- **Jose Marín, General Manager, SOLUTE INGENIEROS**

12:00 - 1:00 PM Supported by AEE (Spanish Wind Energy Association)

Wind energy panel discussion. Moderator: **Alberto Ceña, Technical Services Coordinator, AEE.**

- **Santiago Arnaltes, Professor of Electric Engineering Department, Carlos III University**
- **Mauro Villanueva, Technology Development Director, Gamesa**
- **Alberto Orejana, Investment Manager, Taiga Mistral**
- **Case Van Dam, Department Chair, Mechanical and Aerospace Engineering, UC Davis**

Theme Session 5: Funding Opportunities All Areas - Solar, Wind, Biomass, Policy

1:00 - 2:00 PM

International funding opportunities (Spain + USA). Moderator: **Harold Levine Dean, School of Education, UC Davis.**

- **Diego Diaz, Head of New Ventures, IBERDROLA**
- **Rebeca Frias, Bilateral Programs and Foreign Network Coordinator, CDTI**
- **Miguel Lizaso, Senior Manager, Corporate Finance, KPMG**
- **Paul Dodd, Associate Vice Chancellor, UC Davis Office of Research**

2:15 PM

Workshop Concludes

4:00 – 7:00 PM

Visit to IMDEA Energía and Repsol Innovation Center.

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