The workshop will focus on the challenges that arise when high shares of renewables (wind, solar, hydro) are integrated into island power systems/micro-grids, in combination with conventional power generators and optionally batteries/flywheels.

Finding viable combinations of conventional and renewable energy is one key solution for the efficient and sustainable running of these types of power systems. International experts will convene in Crete to share their project experiences and to detect areas in need of improvement.

The workshop is a unique forum for:

- System planners and designers
- Operators of small systems
- Project developers and consultants
- Universities and research institutes
- Regulators and NGOs
- Technology vendors of distributed variable generation & storage technology

The primary objective is to stimulate interdisciplinary thinking between industry and research by providing a platform for discussion and for sharing ideas, practical experiences and knowledge regarding the key issues in the relevant fields.

www.hybridpowersystems.org
Workshop Sessions

• Opening Session
• Project Experience I: Greece
• Project Experience II - V
• Economic Evaluation and Regulations of Hybrid Systems
• Hybrid System Technologies
• Modelling and Simulation I - II
• Energy Management Systems
• Control and Simulation
• Forecasting Issues
• Grid Control
• High Share Inverter Based Systems
• Design Aspects
• Large Grids versus Island Grids
• Ancillary Services
• Wind/PV Hybrid Power Plants
• Closing Session - Panel Discussion

Program Overview

Wednesday, 22 May
• Workshop Day 1
• Workshop Dinner

Thursday, 23 May
• Workshop Day 2

Friday, 24 May
• Study Trip

Detailed Program & Online Registration

www.hybridpowersystems.org

Organizer

Energynautics GmbH
Robert-Bosch-Strasse 7, 64293 Darmstadt, Germany
Email: info@hybridpowersystems.org

Giga Sponsor

Supporters

Strategic Partner