

Leading Research and Test Laboratories in the Field of Decentralised Generation Establish European Network of Excellence

Institut für Solare
Energieversorgungstechnik
Verein an der
Universität Kassel e.V.

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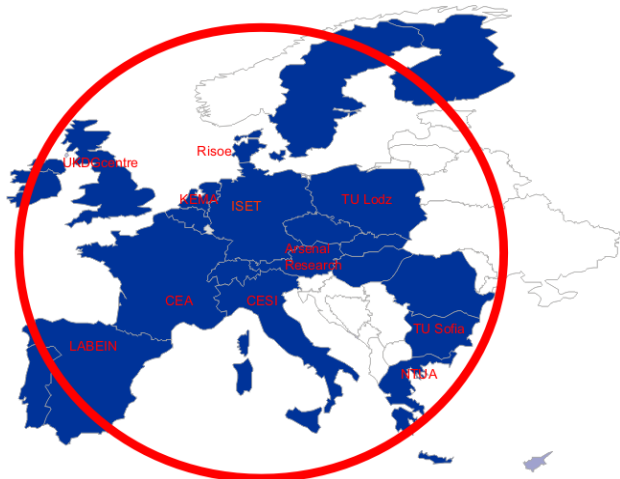
KASSEL, 13 December 2005. With a kick-off meeting at the research institute ISET (Institut für Solare Energieversorgungstechnik e. V.) in Kassel on December 13, leading European research institutes have established the network of excellence DER-Lab. It bundles the competences of eleven institutes, universities and test laboratories in the area of renewable and decentralised energy resources.

"At present, there are no uniform specifications for the connection of decentralised energy resources in Europe", says project coordinator Dr. Thomas Degner. "We want to change this with the ISET-lead network of excellence DER-Lab (Decentralised Energy Resources Laboratory) and create a technically established basis for standards to be in force Europe-wide." For this reason, the 140 researchers from eleven countries involved in the project develop common requirements and quality criteria for the connection, safety, operation and communication of decentralised energy resources. In addition, they prepare test and certification procedures.

DER-Lab serves as a European platform for the exchange of experiences, research competences and standardisation activities. "With the network of excellence DER-Lab, we strengthen the European market for renewable energy sources. In addition, we support the European interests in the field of international standardisation and the European industry in the international competition," explains Professor Peter Zacharias, Member of the Board at ISET.

The European Commission is funding the project via its general research directorate during the first six years with a total sum of 3.1 million Euro. The total budget amounts up to 4.1 million Euro. Partners of the network are: ISET (Germany), University of Manchester (Great Britain), KEMA Nederland B.V. (The Netherlands), Fundación Labein (Spain), Risoe National Laboratory (Denmark), Österreichisches Forschungs- und Prüfzentrum Arsenal Ges.m.b.H. (Austria), National Technical University of Athens (Greece), Centro Elettrotecnico Sperimentale Italiano SpA (Italy), Commissariat à l'Énergie Atomique (France), Technical University of Sofia (Bulgaria) and Technical University of Lodz (Poland).

Print free of charge. Voucher copy requested. Pictures can be found on our web page at iset.uni-kassel.de -> News -> Press releases



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ISET

The Institut für Solare Energieversorgungstechnik (ISET) was founded in 1988. It is one of the world's leading research institutes for electrical and systems technology in the field of renewable energies.

About 125 scientists, employees and students are engaged at the two locations in Kassel and Hanau with the application-oriented research and development of

- wind energy,
- photovoltaic,
- biomass,
- hydroelectric and ocean energy.

The yearly budget currently amounts up to about €6 million. Besides a basic funding of the Ministry for Science and Art of Hesse, 80 percent of the expenses are financed through purchase orders and project related funds of the Federal Government's and the federal states' ministries, the European Commission and the industry.

Further information:
www.iset.uni-kassel.de
www.der-lab.net