



The ENIRDGnet project is co-sponsored by the
European Commission Research Directorate-General
under the 5FP – EESD Programme



INVITATION

ENIRDGnet final results Conference on Distributed Energy Resources

organised by

European Network for Integration of Renewable Sources and Distributed Generation

30th of November 2004. Marriott Hotel, Brussels

8:30 h – 17:30 h

- ✓ What are the technical and non-technical aspects expected to arise from the impact of a growing share of DER in electricity networks and in specific end-use customer facilities?
- ✓ What are the requirements for new technologies and grid concepts for the operation and exploitation of DG systems in deregulated markets?
- ✓ What are the technical, business practice, regulatory and cost related interconnection barriers and how to remove them to facilitate the access of DER to energy networks?
- ✓ What practices can be recommended for Standardisation, Testing & Certification procedures and commercial practices and business terms?
- ✓ How the socio-economics issues and business models can influence on the implementation of widespread DG application programmes?
- ✓ What recommendations can be given for institutional policy and regulatory framework and for further RTD needs?
- ✓ How to improve the acceptance of electricity grids in relation to intermittent RES+DG and without risk in quality and safety?

The 'European Network for Integration of Renewable Sources and Distributed Generation' has the pleasure to invite you to participate in the ENIRDGnet final results Conference on Distributed Energy Resources, to be held the **30th of November 2004 in Brussels**.

This conference is meant to give a sufficiently in depth review of the main technical and non-technical results and deliverables achieved within the project, and can be considered as an appropriate 'pre-conference' event just before the larger 'International Conference on the Integration of RES and DER', allowing attendees to get a more direct and possibly broader understanding of these issues, meet with the experts and be prepared for the broader context of following event.

Background

During the last three years, the ENIRDGnet Consortium - constituted by 38 partners from 15 European countries - has worked on increasing the added value of RES&DG in terms of complementarity, transnationality and critical mass. The project has aimed at co-ordinating and streamlining the European technological efforts and scientific policies, identifying and anticipating RTD related actions towards the sustainable penetration of

RES&DG, strengthening thereby the Europe's industrial competitiveness and the European Research Area (ERA).

The objectives of the Conference are:

- ✓ To present what are the drivers aiming to increase the use of RES and DG
- ✓ To make stakeholders aware of the increasing efficiency, sustainability, and economic convenience of latest RES+DG technologies, in comparison to conventional centralised power generation facilities
- ✓ To discuss the conclusions and recommendations proposed by ENIRDGnet in terms of:
 - Reducing the interconnection barriers at European level
 - Practices for Standardisation, testing & certification procedures
 - Commercial practices and business terms
 - Standardised communication interfaces
 - Improved RES&DG related information access
 - Improved role of RES&DG in energy trading
 - Institutional policy and regulatory framework for RES&DG
 - Further RTD needs

On behalf of ENIRDGnet Consortium:

*Roberto Vigotti, Steering Committee Chairman
Eduardo Navarro, Project Co-ordinator*



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PRELIMINARY PROGRAMME

8:30	Registration	
9:00	Welcome and opening session	
9:30	Strategies for DG business and the role of the electricity industry. Introduction to ENIRDGnet project.	Roberto Vigotti. ENEL, Italy
10:00	Overview of ENIRDGnet results (Part I)	
	DG technologies: An overview of the present and future markets, the impact on the grid and the adequacy with customer needs	Yves-Marie de Saint-Drenan. CEA/GENEC, France.
	Recommended practices for Standardisation and Testing & Certification procedures	Aitor Kortajarena. LABEIN, Spain.
11:00	Coffee break	
11:30	Overview of ENIRDGnet results (Part II)	
	Guide and Action plan for reducing interconnection barriers in Europe.	Eduardo Navarro. IBERDROLA, Spain.
	Action plan towards standardised communication interfaces for DG and improved DG+RES related information access	Christine Schwaegerl. SIEMENS, Germany
	Improved role of DG in energy trading	Cornel Ensslin. ISET, Germany
13:00	Lunch (Buffet will be served at the same facilities)	
14:30	Overview of ENIRDGnet results (Part III)	
	Economic drivers and barriers for business in DG. Recommendations on commercial practices and business terms	Eros Tassi. CESI, Italy
	Network regulation towards Distributed Generation in Europe. Recommendations for Institutional policy and regulatory framework	Frits Van Oostvoorn. ECN, The Netherlands
15:30	Coffee break	
16:00	Debate on the value of ENIRDGnet for broader approaches to DER research	
	A market oriented approach to DER research. Objectives and expected impact of EUDEEP Integrated Project	Etienne Gehain. GAZ DE FRANCE, France (to be confirmed)
	Moving from new technology to new value creation. Outcomes and key findings of BUSMOD project	Hans Akkermans. VU AMSTERDAM, The Netherlands (to be confirmed)
17:00	The way forward. Medium to long term actions of the European Commission for Sustainable Energy Systems	Manuel Sánchez-Jiménez. EUROPEAN COMMISSION, DG-RESEARCH
17:30	Conclusions and closing remarks	Roberto Vigotti. ENEL, Italy

Conference committee

- **Chairman Conference:**
Roberto Vigotti. ENEL, Italy.
- **Co-Chairman Conference:**
Pedro Martinez Cid. IBERDROLA, Spain.

- EC - DG RESEARCH. Manuel Sánchez-Jiménez
- IBERDROLA, Spain. Eduardo Navarro
- CESI, Italy. Eros Tassi
- ISET, Germany. Cornel Ensslin
- CEA/GENEC, France. Philippe Malbranche
- CEA/GENEC, France. Yves-Marie de Saint-Drenan
- AREVA T&D, UK. Dr. Christian Sasse
- ECN, The Netherlands. Dr. Frits Van Oostvoorn
- LABEIN, Spain. Angel Díaz
- LABEIN, Spain. Aitor Kortajarena
- ARSENAL, Austria. Benoit Bletterie
- SIEMENS, Germany. Dr. Christine Schwaegerl
- VTT, Finland. Risto Komulainen
- ESB, Ireland. John Hickey
- PSYMETRIX, UK. Dr. Douglas Wilson
- PSYMETRIX, UK. Sue Spencer
- COGEN EUROPE, Belgium. Dr. Simon Minett
- KAPE, Poland. Ryszard Wnuk
- INTERENERGY, Italy. Alex Sorokin
- ENERGY EXPERT, Greece. John Chadjivassiliadis

Conference Venue

Marriott Hotel Brussels

Rue A.Orts 3-7
B-1000 Brussels, Belgium
Tel/Fax: +32 2 5169090
Metro Station: La Bourse

Language

The Language of the Conference will be English

Further Information

For further information about ENIRDGnet project, please visit the website:

www.dgnet.org

Organisation

The Conference is organised by the ENIRDGnet project co-ordination team. For further information please contact: coordinator@dgnet.org

Eduardo Navarro
IBERDROLA
Avda. San Adrian, 48
48003 Bilbao
SPAIN
Tel: +34 94 4151411

Angel Díaz
LABEIN
Parque Tecnológico de Bizkaia, Ed.700
48160 Derio
SPAIN
Tel. +34 94 607 33 00
Fax. +34 94 607 33 49

Registration and fees

There is no registration fee for this conference but the number of participants is limited, so please fill in the attached registration form and send it, **before the 20th of October**, by email or fax to:

Email: iusategi@labein.es

Fax: + 34 94 607 33 49

The participants in the 1st Conference on the Integration of RES and DER, to be held at the same facilities in the next days (1st-3rd December 2004), will be given preference, so please indicate in your registration form whether you have registered for that Conference or not

Conference Registration

Please complete and return, **before the 20th of October**,

by email to: iusategi@labein.es
or fax to: **+34 94 607 33 49**

I will participate in the International Conference on Distributed Energy Resources, organised by the ENIRDGnet Consortium in Brussels, on the 30th of November 2004:

Mr/Mrs/Dr/Prof:		Postal Address:	
Family name:		Postal Code:	
First name:		Town:	
Company / Institute:		Country:	
Position:		Tel:	
Email:		Fax:	

For Information:

I have already registered for the 1st International Conference on the Integration of Renewable Energy Sources and Distributed Energy Resources (www.conference-on-integration.com), organised by IRED & EUDEEP projects and to be held in Brussels, 1st - 3rd December 2004:

Yes

Not yet, but I will participate in it and I will register soon

No. I will not participate in that Conference