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Clean Energy Network for Europe

CLEAN-E

The project set out to establish a system of labelling on electricity generation, making it possible for consumers to select providers using environmentally friendly production as a criterion. Promoting the notion of ‘green energy you can trust’, CLEAN-E set about establishing new, and improving existing, green power labels in certain EU countries. Objectives included the development of ecological minimum standards for the renewable technologies of hydropower and biomass and an investigation into the feasibility of widening the scope of green power labelling to renewable heat, as well as energy efficiency. CLEAN-E analysed the interface of green power labels with renewable energy-related policies at the national and EU levels, including the Guarantee of Origin for renewable electricity and Electricity Disclosure. The project also included a wide range of activities aimed at disseminating and sharing best practices for green power procurement.

Results

- In France the development and introduction of a new green power label was successfully carried out during the CLEAN-E project;
- Several workshops with 10-20 stakeholders from industries, NGOs, the electricity market and public authorities were held in the following countries: France (5 workshops), Spain (2 workshops), Italy (2 workshops), Austria (2 workshops). In Sweden a conference on hydropower with 65 external participants was held;
- An E-Bulletin in the form of a newsletter was sent to 2000 readers;
- The project set up its own website receiving some 100 ‘hits’ a day;
- A forum bringing together local authorities, the business community and corporate buyers offered a platform for the sharing of information and an opportunity to network on green energy and green electricity options. Multinational companies participated in the workshops and two new contracts for green electricity were signed with, respectively, Tetra Pak and the FIFA World Cup 2006 organising committee.

Lesson learned

- Electricity customers (residential customers and also business firms) are interested in green power products and look for independent eco-labels as a guidance to their purchase decision.
- The prospect of success for voluntary green power offers especially depends on the market conditions a green supplier is operating in.
- Widespread acceptance of the concept of 'additionality' as well as a minimum demand for labelled green power (in particular from some large business customers) are key prerequisites for a successful start up of a new quality label. Last updated: 10.06.2010

Partners and coordinator

Oeko-Institut e.V. - Institute for Applied Ecology [1]	Germany
Inter-University Research Centre for Technology, Work and Culture [2]	Austria
Österreichisches Ökologie-Institut für angewandte Umweltforschung [3]	Austria
WWF European Policy Office [4]	Belgium
Liaison Committee for Renewable Energies [5]	France
Politecnico di Milano - Dipartimento di Energetica [6]	Italy
Ecofys b.v. [7]	Netherlands
ADENA (Asocicación para la Defensa de la Naturaleza) [8]	Spain
Swedish Society for Nature Conservation [9]	Sweden
IT Power Limited [10]	United Kingdom

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Budget

Overall budget: 940.082,00 € (EU contribution: 50,00 %)

Key documents

- Summary Slides [11]
  PDF 178.37 KB
- Deevelopment of Ecological Standards for Biomass [12]
  PDF 734.09 KB
- Development of Ecological Standards for Hydropower [13]
  PDF 713.19 KB
- Existing Green Power Labelling Schemes [14]
  PDF 1.12 MB
- Experiences Evaluation Report [15]
  PDF 1.23 MB
- Integrating of Energy End-use Efficiency [16]
  PDF 758.88 KB
- Integration of Measures in the Field of RES-HC [17]
  PDF 723.01 KB
- Transfer of the Greenhydro Standard to Germany [18]
  PDF 1.01 MB

In brief

Sector: Electricity production

Duration: *01/01/2006* to *31/12/2006*

Contract number: EIALT/EIE/04/136/2004

Website: http://www.oeko.de/research_consultancy/projects/dok/633.php

Tags:

electricity

Related projects

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- [E-TRACK II [20]] A European Tracking system for electricity (E-TRACK) Phase II
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- [BioGrace-II [22]] Bioenergy Greenhouse gas emissions: Align Calculations in Europe
- [RES-E REGIONS [23]] Boosting green electricity in 11 European regions
- [BETTER [24]] Bringing Europe and Third countries closer together through renewable...
- [RES MARKET-PLACES [25]] Creating Renewable Energy Market-Places for Investors and Regional Actors...
- [PV PARITY [26]] Definition of grid-parity for photovoltaics and development of measures to...
- [FUTURES-E [27]] Deriving a future European Policy for Renewable Electricity
- [GEOELEC [28]] Develop Geothermal Electricity in Europe to have a renewable energy mix
- [DG-GRID [29]] Enhancement of sustainable electricity supply through improvements of the...
- [EUROBSERV'ER [30]] Eurobserv'er Barometer (2008-2010)
- [ELEP [31]] European Local Electricity Production
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- [GREENNET-EU27 [33]] Guiding a Least Cost Grid Integration of RES-Electricity in an extended...
- [GRIDTECH [34]] Impact Assessment of New Technologies to Foster RES-Electricity...
- [IMPROGRES [35]] Improvement of the Social Optimal Outcome of Market Integration of DG/RES...
- [INTER - PARES [36]] INnovative Tools for Energy Regulations of Provinces Associations on...
- [MASSIG [37]] Market Access for Smaller Size Intelligent Electricity Generation
- [RES2020 [38]] Monitoring and Evaluation of the RES directives implementation in EU27 and...
- [DIA-CORE [39]] Policy Dialogue on the assessment and convergence of RES policy in EU...
- [GREENNET-INCENTIVES [40]] Promoting grid-related incentives for large-scale RES-E integration into...
- [PV POLICY GROUP [41]] PV POLICY GROUP
- [PV GRID [42]] Reducing barriers hampering large-scale integration of PV electricity into...
- [RE-DISS [43]] Reliable Disclosure Systems for Europe
- [RE-DISS II [44]] Reliable Disclosure Systems for Europe – Phase II
- [RESPOND [45]] Renewable Electricity Supply interactions with conventional Power...
- [REALISE FORUM [46]] Renewable energy and liberalisation in selected electricity markets Forum
- [BESTGRID [47]] Renewables-Grid and Public Acceptance
- [GREEN LODGES [48]] RES & micro CHP in RURAL LODGES
- [SHERPA [49]] Small Hydro Energy Efficient Promotion Campaign Action
- [TRADEWIND [50]] Wind Power Integration and Exchange in the Trans-European Power Markets

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