



ISLENET

European Islands Network on Energy & Environment



NEWSLETTER

February 2007

A word from the Manager

Dear Readers,

The year started with a good momentum. First, the EU Sustainable Energy Week at the end of January gave us the opportunity to meet old and new friends and discuss new directions for this year's work. In addition, the meeting of ISLENET's Technical Committee in Brussels on 31 January was the occasion for a fruitful brainstorming session that helped us focus on our priorities for this year, that is:

- the preparation for our Annual Conference in October this year,
- better dissemination in order to increase awareness of the energy work taking place in islands, and
- ways to improve communication among members for the exchange of ideas and the preparation of project proposals.

At EU level we had two important announcements in January. The Commission announced that it will prepare the first European Strategic Energy Technology Plan in 2007 as part of its Energy Policy for Europe. Focus is on Energy Technology for cheaper renewables, greater efficiency and global leadership of the European industry. It also announced that it will bring forward legislative proposals in 2007 to start the implementation of "A Renewable Energy Roadmap" which would pave the way towards a 20% share of renewables in the European energy mix by 2020.

Provide us with your ideas about new directions; send us information with articles about your work or new project ideas. Any comments on how to improve our work and our network are always welcome.

Panos Coroyannakis
Manager, ISLENET
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ISLENET Technical Committee Meeting Brussels 31 January 2007

ISLENET's Technical Committee met in Brussels on 31 January 2007.

The main outcome of the meeting was:

- the desire to further improve ISLENET's dissemination plan by publishing a "Guide of good practice" with examples of successful sustainable energy projects that has actually taken place in islands
- the commitment to exchanging information among ISLENET members and other interested parties wishing to work with islands in the field of renewable energies and the environment

The minutes of the meeting will be uploaded on ISLENET's website shortly.

Sustainable Energy Week 2007



Under the umbrella of the Sustainable Energy Europe Campaign (SEE), the European Commission's Directorate-General for Energy and Transport, the European Institutions and major stakeholders concerned with sustainable energy put together the first EU Sustainable Energy Week (EUSEW), 29 January to Friday 2 February, 2007.

The successful event attracted more than 2,000 participants. Video recordings will be available on the [ManagEnergy Internet Broadcast site](http://www.ManagEnergy.com) soon.



ISLENET is a campaign associate of [Sustainable Energy Europe 2005-2008](http://www.SustainableEnergyEurope.com)

2007 European Mobility Week award to the Spanish city of León

European Environment Commissioner Stavros Dimas today presented the **2007 European Mobility Week award to the Spanish city of León**. Second prize went to Budapest and third prize to Bologna. European Mobility Week (EMW), supported by the European Commission and held annually, promotes sustainable mobility in towns and cities by encouraging use of low- or non-polluting alternatives to private cars, such as walking, cycling, public transport and car-sharing. The introduction of permanent measures to facilitate these alternatives is a condition of participation.

Further information:

European Mobility Week <http://www.mobilityweek-europe.org/index.php?lang=en>
You control climate change
<http://ec.europa.eu/environment/climat/campaign/index.htm>

Sustainable Energy Europe Campaign in Italy: Managing EU Action at National Level

The Italian Ministry for the Environment, Land and Sea (MELS), presented its work regarding "sustainable energy communities" within the context the EU Sustainable Energy Week in Brussels on 31 January 2007. MELS is a Campaign Associate of the Sustainable Energy Europe 2005-8 Campaign (SEE). The Ministry presented examples of best practice and networking that foster the commitment of partners in cooperating under the umbrella of the SEE and the joint strategy of the European Commission and the Italian Ministry.

ISLENET signs a Strategic Alliance agreement with the Italian Ministry for the Environment, Land and Sea

The Italian Ministry for the Environment, Land and Sea (IMELS) represented by Mr. Corrado Clini, Director General of the Department for Environmental Research and Development and ISLENET represented by Mr. Panos Coroyannakis, Manager, formed on 1 February 2007 a **Strategic Alliance** and agreed to cooperate regarding issues of common interest in the areas of sustainable development and sustainable energy systems within the framework of Sustainable Energy for Europe Campaign. Cooperation will cover the:

- sharing and exchange of information;
- promotion of education programmes;
- communication platform reaching all Mediterranean islands;
- partnership in European funded projects, as appropriate; and
- participation in ISLENET's Annual meeting and Technical Committee meetings.

Climate Change 2007

On 2 February 2007 Working Group I of the Intergovernmental Panel on Climate Change (IPCC) adopted the Summary for Policymakers of the first volume of "Climate Change 2007", also known as the Fourth Assessment Report (AR4).

The Intergovernmental Panel on Climate Change was established in 1988 by the World Meteorological Organization (WMO) and the United Nations Environment Programme (UNEP). It is open to all members of the UN and WMO.

THE REPORT AT A GLANCE

- It is very likely that human activities are causing global warming
- Probable temperature rise by the end of the century will be between 1.8C and 4C
- Possible temperature rise by the end of the century ranges between 1.1C and 6.4C
- Sea levels are likely to rise by 28-43cm
- Arctic summer sea ice is likely to disappear in second half of century
- It is very likely that parts of the world will see an increase in the number of heat waves
- Climate change is likely to lead to increased intensity of tropical storms

For more information: <http://www.ipcc.ch/>

ISLAND NEWS

Samsø Energy Academy: a one-stop shop for renewable energy



Samsø's new Energy Academy

Søren Hermansen, Director

Tourists traveling to the Danish island of Samsø next year will discover a new attraction near Ballen harbour: the Samsø Energy Academy. The academy will bring together all the expertise that the island has acquired through its participation in energy projects, ranging from



wind turbines and straw-based district heating schemes to rapeseed oil and solar thermal collectors. The Samsø academy will give Danish and foreign researchers the chance to study renewable energies without having to look far for inspiration. At the same time, the academy will act as a conference centre where companies, researchers and politicians can discuss local development based on renewable energy, energy savings, new energy technologies and new organisational structures and ownership models.

The Samsø Energy Office and Samsø Energy Agency also plan to relocate to the new site, where they will continue their activities as energy consultants, advising companies and households. They also plan to promote energy-linked tourism and to organise workshops and seminars. The energy academy will, therefore, become the new headquarters for Samsø's energy organisations.

Throughout the summer, the academy will open up its exhibition and experimentation areas to tourists, students and other energy enthusiasts. Already, each year over a thousand visitors discover this 'renewable energy island'. In the recently equipped experiment area, visitors can build a hydrogen car, a wind turbine or mini solar cell. Samsø also plans to invite school visits during summer camps and throughout the school year, in order to promote awareness of renewable energy.

Ecology and tradition

The academy's architecture is influenced by that of the island's traditional buildings, such as the Viking houses. It is also designed to respect the following principles: minimal disturbance to the flora and fauna on the dry marshland on which it stands; the use of natural and recyclable building materials; a comfortable, toxin-free indoor environment; fresh air provided by a natural ventilation system in the open-plan offices and large open rooms; low water consumption thanks to water collection systems (rainwater used for the toilets and to irrigate the soil); minimal heat consumption through advanced insulation; and a solar heating system connected to the local straw-fired district heating plant, with highly insulated twin piping systems resulting in the lowest heat loss ever achieved in Denmark.

The solar panels that supply the energy academy with hot water will be used to demonstrate solar heating to visitors. Around 100 m² of photo-voltaic solar panels fitted to the roof and local wind turbines also supply the building with electricity. Low energy electrical appliances and lighting are used throughout the building and the windows are designed to optimise lighting conditions.

The energy academy is a local project co-financed by the municipality of Samsø, Real Dania (private investment) and the EU Structural Funds. The total

cost of the project, including the cost of the interior layout and fittings, is EUR 2 million. The European Regional Development Funds (ERDF) provided EUR 25,000 for the feasibility study and EUR 400,000 for the construction.

Representatives of the universities, the municipality, and local NGOs sit on the academy's steering committee. The success of the project to date is largely attributed to the fact that Samsø has shown that renewable energies are a profitable option for a small community. The profits arising from energy savings and the production of clean energy are reinvested in the academy.

website: www.veo.dk

FUTURE EU EVENTS

FP7 INFO DAYS 13-14 February 2007



13-14 February 2007, Brussels INFO DAYS FP7 - Seventh Framework Programme, 2007-2013

The First Calls for Proposals under the 7th Framework Programme for Research and Technological Development (FP7) have been published in December 2006. In order to support the preparation of proposals, the Directorates General for Research and for Energy and Transport of the European Commission are holding Joint Information Days on 13 and 14 February 2007 in the Charlemagne building, rue de la Loi n° 170, in Brussels.

The first day (13 February 2007) will focus on the 1st FP7 Energy Call, the second day (14 February 2007) will be dedicated to the 1st FP7 Transport Call.

Online Registration

Please register via the link below (<http://ec.europa.eu/research/etid>) at the latest by **5 February 2007**. Your registration **needs to be confirmed** by the Commission.



OTHER EVENTS

International workshop on solar photovoltaic investments



13-14 February 2007, INTERNATIONAL WORKSHOP ON SOLAR PHOTOVOLTAIC INVESTMENTS, Marriott Hotel, Brussels, organised by EPIA with the support of the EU PV Technology Platform and the EC-Funded RESTMAC project, will review the current market situation and manufacturing developments. Adapted financial tools will be discussed, such as the creation of a dedicated investment fund.

More information:

http://www.epia.org/08Events/Events_WS_070213.htm

Transport Economics and Policy Course



26-31 March 2007, University of Karlsruhe, Transport Economics and Policy Course

TRANSPORTNET is hosting its first Transport Economics and Policy Course from 26 till 31 March 2007 at the Institut für Wirtschaftspolitik und Wirtschaftsforschung of the University of Karlsruhe. This course is part of the TRANSPORTNET Marie Curie Early Stage Training Programme. The aim of the course is to provide young researchers a thorough basis on how to deal with economic and policy aspects in their transportation research. Specific topics:

- Competition in network economics
- Pricing schemes
- Regulation
- Static approaches in assessment
- Dynamic approaches in assessment
- System dynamics modeling.

Students taking part in the course week will also be able to benefit from keynote lectures by Dr. Andreas Kopp (OECD) and Dr. Claus Eberhard (European Investment Bank).

More information:

http://www.stt.aegean.gr/transportnet/Next_GC.htm

Bois Energie 2007 Exhibition



19-22 April 2007, Orléans – France Bois Energie 2007 Exhibition

This event in France showcases wood heating equipment (boilers, stoves, fireplaces), wood fuels, wood fuel production equipment, forestry management equipment for local authorities, professional and domestic users. 150 exhibitors and brands from 10 European countries and nearly 12,000 visitors during the last edition attended this highly focused event.

Exhibition

A technology and services exhibition is attracting exhibitors from more than 10 European countries covering the entire wood energy chain.

Demonstrations

The Salon Bois Energie brings **wood energy to life** with indoor operating stoves and fireplaces to showcase the heating sector in its most dynamic light.

More information: www.boisenergie.com

“Shining light on the Mediterranean” Second Photovoltaic Mediterranean Conference



19-20 April 2007, Athens Second Photovoltaic Mediterranean Conference, “Shining light on the Mediterranean”

The conference will:

- Provide a meeting point to the Euro-Mediterranean stakeholders to discuss the challenges and opportunities of the Mediterranean photovoltaic market
- Facilitate the development of Euro-Mediterranean cooperation agreements and partnerships
- Present the current political, financing and regulatory framework of the photovoltaic technology

For more information email:

are@ruralelec.org or info@pvmed.org

European Wind Energy Conference & Exhibition

7-10 May 2007, Milan Convention Centre, Milan, Italy



The European Wind Energy Conference and Exhibition is holding its “Annual General Meeting” for all wind energy professionals.



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The 2007 event will bring together over 4000 key players from the wind and electricity sectors for 4 days of intensive networking, new business development and information exchange.

More information: <http://www.ewec2007.info/>

Sustainable Regions and Municipalities 2007

**8-10 May 2007, Växjö Concert Hall, Växjö, Sweden,
Sustainable Regions and Municipalities 2007**

Conference Objective: To support and enable the regional and local implementation of EU policies and directives in the field of energy and transport. It is also associated with difficulties arising from administrative, legal, technical and practical obstacles. This is a common problem for many local and regional European authorities.

For more information www.energikontor-so.com or send an e-mail to conference@energikontor-so.com

International Bioenergy Conference & Exhibition



BIOENERGY 2007

**3-6 September 2007, Jyväskylä, Finland
International Bio- energy Conference and
Exhibition**

The Conference will focus on the factors affecting the future of the bioenergy, biopower and biobased modern technologies and products, including logistic systems, management, total procurement chains, the effects of the energy market, the influence of green marketing and other trends affecting forestry, agriculture, industry and climate.

More information:

<http://seminaarit.ohoi.fi/default.asp?seminarID=6>



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