

NEWSLETTER

Sustainable Energy Europe

2005-2008

A European campaign to raise awareness
and change the landscape of energy



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Campaign Associates are major and well-established umbrella and network organizations involving sustainable energy actors that are able to offer a range of multiplier actions through their various and effective communication channels. They have a clear vocation of serving public interest or representing the interest of industrial sectors.

Campaign Associates contribute successfully to the objectives of the Campaign through their powerful network of contacts and their own respectability in their respective area's of work. Through a range of promotional actions they significantly increase the visibility of the Campaign and encourage Partnerships.

Energie-Cités: Promoting local sustainable energy policy

Energie-Cités is an association of European local authorities that aims to promote the role and importance of local authorities' actions in launching and implementing clean energy policies in sustainable development. Its various projects and actions involve some 500 municipalities. The focus is on sustainable energy management in cities, in particular energy efficiency, renewable energy, distributed generation and environmental protection in relation to energy production and consumption (e.g. buildings, transport, air quality, climate change, etc.) Energie-Cités is setting-up and coordinating different European projects or Campaigns in order to promote sustainable energy policies and to make energy-related information accessible to non-specialists.

Initiated in 2004, **BISE** (Better Integration through Sustainable Energy) is a European process which aims to encourage the creation of energy efficiency related networks in the New Member States, Candidate countries, Western Balkan countries and Ukraine.
www.bise-europe.org

The European **Display™** Campaign encourages local authorities to display the energy and environmental performances of their buildings. The idea is to engage citizens and make them more conscious of energy consumption in public buildings, involving them in the reduction of energy use and greenhouse gas emissions and the associated financial savings.
www.display-campaign.org

The **RUSE** (Redirecting Urban areas development towards Sustainable Energy) operation mainly aims at improving the use of Structural Funds and other financial resources for sustainable energy purposes by municipalities and other stakeholders in charge of urban development issues in the New Member States.
www.ruse-europe.org

The main objective of **BELIEF** (Building in Europe Local Intelligent Energy Forums) is to promote the "Sustainable Energy Communities" at a European scale, in line with the EU priorities on energy, sustainability, competitiveness and innovation issues by setting up and developing Local Intelligent Energy Forums in 20 communities from 11 European countries. The project will start in January 2006.

E-Atomium aims to increase the knowledge skills and competencies of energy management agencies and other local actors in the field of sustainable energy use in transport. Tailor made training programmes will be developed and implemented in six different countries (Belgium, France, Ireland, Italy, the Netherlands and the United Kingdom).
www.e-atomium.org

For more information: www.energie-cites.org
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The Sustainable Energy Europe 2005-2008 Campaign

Intelligent energy production and consumption will change the European energy landscape forever. This is the message of the Sustainable Energy Europe 2005-2008 Campaign, launched by Commissioner for Energy Mr. Piebalgs on 18 July 2005.

Indeed, Europe will have to make significant greater use of renewable energy sources and focus more on energy-efficient methods. This is and will be the energy sector's contribution in the fight to halt the depletion of natural resources and prevent climate change, to improve environment and public health as well as ensure economic and social growth.

The European Commission has set out targets for the year 2010 for both renewables and energy efficiency that, whilst indicative, have been endorsed by national governments.

To achieve our goals, all of us need to get involved, as individuals, communities, industry representatives or members of public authorities. Together we can make a difference and no contribution is too small in the drive to shape a better energy future for all European citizens.

Set in this context, Sustainable Energy Europe 2005-2008 gives a strong signal of support to all partners in sustainable energy that will add value by disseminating their results and will raise awareness of key decision-makers across Europe of the benefits of increased investments in this sector.

The Annual Conference of the Sustainable Energy Europe Campaign 28th and 29th November 2005

The Commission welcomes you to the very first key event of the Sustainable Energy Europe Campaign. The conference will enable you, as an energy actor, to put forward your views and discuss ideas with representatives from the European institutions as well as stakeholders from both the public and private sector. You will also be given the opportunity to learn first-hand about the most recent developments of the EU's intelligent energy policy.

With conference participation also possible via the internet, it is hoped that this event will spread best-practice, stimulate investment and raise the awareness of decision makers and the public across the EU. In attending the Conference, you are just one of many high level participants originating from the spheres of industry, technology, business, policy making and research from across Europe.

Intelligent energy production and consumption are key strategies to successfully fulfilling the EU's commitment to change the energy landscape. The Sustainable Energy Europe Campaign 2005-2008 will contribute to the achievement of EU energy policy goals and targets in the field of renewable energy sources, energy efficiency, clean transport and alternative fuels.

André Brisaer
Head of Unit





■ **Improving energy performance in buildings**

Buildings account for almost 40% of energy consumption in the EU, of which the biggest component is heating and cooling. The campaign wishes to encourage and promote sustainable energy programmes in buildings, especially by increasing the share of renewables.



Paul Löbe House: sustainable energy public building

The Berlin-based Paul Löbe Haus is a subtle mixture of photo voltaic integration and combined heat and power plants, accompanied by the target to reach the energy standard of at least 25% better than the actual building regulations.

■ **Increasing energy efficiency in lighting systems and appliances**

Exchanging a conventional bulb with a low-energy light-bulb can easily save around 80% in terms of energy consumption. Office equipment which is by far the fastest growing cost on the average residential electricity bill is also a group of products with a saving potential of over 50%. The role of the SEE Campaign is to promote more energy efficient technology and products, thereby accelerating their market penetration.



■ **Strengthening international co-operation for development**

It is expected that energy consumption in developing countries will dramatically increase in the next decades. In order to develop expertise in the field of energy and alleviate poverty in this part of the world, the SEE campaign aim to promote examples of successful actions.



APPLES: Alleviation of Poverty through the Provision of Local Energy Services

The overall goal of the APPLES project is to find a sustainable mechanism for the effective delivery of improved local energy services to poor communities in South Africa, thereby offering a route towards poverty alleviation and contributing to sustainable development.



■ **Showcasing promotional activities**

As part of the SEE Campaign, local and regional promoters – energy agencies, NGOs, consumer associations will be supported. A network for sharing good practice and information about relevant dissemination activities will be built up.



Portal das Energias Renováveis: sustainable energy promotion and communication

This Portal (www.energiasrenovaveis.com) is a Portuguese language website completely focused on renewable energies. It aims at the promotion and dissemination of the RE within the Portuguese speaking world and has become the Portuguese RE reference Portal.





The Sustainable Energy Europe 2005-2008 Campaign: Partners with a common commitment

Partners of the Campaign are sustainable energy public and private stakeholders (local, regional and national authorities, industry, energy agencies, associations, NGOs, etc.) but all partners have one attribute in common: they share a common commitment to a sustainable energy project intended to make a significant impact upon the European Union's energy environment.

The Campaign is stressing the importance of these Sustainable Energy Partnerships, by making them key to the Campaign, aiming to actively involve them and promote all their activities. Becoming a partner of the Campaign involves the partner's voluntary commitment to the Campaign's objectives. The following partners have all expressed this commitment.

For further information please contact pr@sustenergy.org

Klima Partner Programme – the city of Frankfurt am Main

Faced with the challenges of long-term urban planning, pollution and growing traffic demands, a modern city in 21st century needs to consider alternative solutions.

With the creation of a municipal energy agency in 1990 promoting sustainable energy, Frankfurt am Main is a founding member of the Climate Alliance of European cities. In 1990 the city of Frankfurt committed itself to reduce CO₂ emissions by 50% by the year 2010 and implemented the county's legal decision called the "1991 Climate offensive". This policy resolution focused on reducing the consumption of electricity and heat, promoting decentralised combined heat and power production and utilizing renewable energy sources. The main successful action areas are the promotion of 100 small and medium

scale co-generation plants, benchmarking of electricity use in office buildings, integration of energy planning in urban development, low energy and passive houses and elaborate municipal energy management.

The city is currently setting up a new energy and climate protection programme – under the framework of "local climate partners" – for Frankfurt for 2006-2010, involving a wide range of stakeholders with the EU – EIE – funded project called "BELIEF".

For further information please contact: www.energiereferat.stadt-frankfurt.de



Samsø – Denmark's 100% Renewable and remarkable Energy Island

Renewable resources supply 100% of the island's electricity, 70% of heating and CO₂ emissions are down by 140% – what is Samsø's secret?

As an island with a surface area of 114 km² in the heart of Denmark and surrounded by the sea, the wind and the sun, its 4,200 inhabitants have long been determined to obtain their energy entirely from the island's own natural resources. Local impetus for investment and momentum gained from the government's national energy policy "Energi 21", resulted in a nomination in 1997 as "Danish 100% Renewable Energy Island".

Samsø is now a reference point for similar projects in other local communities.

The island has 11 MW onshore wind turbines that create electricity of 28,000 MWh, meeting 100% of the population's electricity needs. A further 23 MW from offshore wind turbines provide 100% compensation of fossil fuel and provide the necessary power for its growing range of electric cars. As for heating, 70% of the island's needs comes from renewable sources, for example 900 households receive heating from 4 district plants that rely on energy originating from a combination of straw, woodchips and solar energy panels. A further 250 homes create their own heating independently from renewable sources.

So far the cost of this ambitious energy plan is estimated to be around 49 million euros (of which 41 million has been provided locally), but the island's secret is not only its financial investment. Participation and commitment from all of the island's inhabitants is paramount to its success in reaching the 100% renewable energy supply target. Increased public awareness has induced changes in energy use, the introduction of up-to-date technologies and innovative methods of energy management and just the simple insulation and renovation of buildings have also all helped to cut consumption.



The inhabitants of Samsø can reflect on the fact that their CO₂ emissions are down and other communities on the mainland are interested in buying their excess electricity. A return for their investment, of which they can be proud.

For further information please contact semk@veo.dk

Fifth ManagEnergy Conference on Local Energy Action

The annual event for local energy management agencies in Europe

7-8 February, 2006 | Charlemagne building, Rue de la Loi 170 | Brussels, Belgium

The ManagEnergy Annual Conference is a key event held every year since 2001 with the support of the European Commission's ManagEnergy Initiative.

The 2006 conference will mark the five-year milestone of the initiative with the central focus being on the proposals of the 2005 Green Paper on Energy Efficiency. It will be a major opportunity for Community institutions and other bodies to receive feedback from local and regional level on what works and what does not, in the sustainable energy field.

As usual the task of the conference is to inform local and regional energy management agencies promoting and helping to implement European energy policy priorities. Feedback from the conference will again be used to help the Commission to shape and fine-tune current and future activities in support of local and regional actors. Conference sessions will aim to facilitate

the work of all European local and regional energy management agencies in improving energy efficiency, making the most of local energy sources, and seeking optimum energy-supply conditions for local and regional areas. Debate will cover the promotion and financing of local activities, with a special emphasis on good practice in energy efficiency, renewables and clean transport, focusing particularly on the Intelligent Energy – Europe and Sixth Framework RTD programmes.

Conclusions from the conference will lay the ground for the development and increased cooperation with local and regional governments on the major sustainable energy issues and proposed priorities in the Green Paper. Carrying forward the conclusions of the fourth conference held in October 2004, this event will further enhance the key role of Europe's local players in support of the proper implementation of European legislation, as well as optimising recourse to various

European programmes. The "Greening" of public purchasing by communities, continuing assistance to agencies in developing their role to drive sustainable local transport, and improving effectiveness in communication will also be pursued among the working priorities.



For more information and to register please visit:

www.managenergy.net

You will also have the opportunity to follow the event live on the Internet in several languages, through full multimedia coverage (audio/video with presentation slides, and several online chat sessions), as well as downloadable documents.

We would also like to encourage the organisation of 'Media-Conference' from home for those people who could learn and benefit from the conference, but are unable to travel to Brussels.

For more information on how to host a media conference please visit:

www.managenergy.net/media.html

Concerto: more in tune with your local energy strategy

The Concerto programme is a major European Union initiative aiming to support local communities in developing concrete sustainable and highly efficient energy alternatives. 2005 will see the introduction of Concerto II and a second round of assistance for those communities tuned into efficient energy use.

Initially established in 2003, the Concerto programme encourages communities to continue their efforts in improving energy efficiency in buildings, in encouraging new installations of renewable energy resources and integrating these initiatives through network and management mechanisms. Concerto communities all share the common

goal of working towards an integrated energy policy that minimises energy consumption and improves the quality of citizen's lives.

"Everybody is a winner in Concerto"

Bo Frank, Vice Mayor of Växjö.

"Concerto is an excellent, concrete initiative from the EC for promoting renewables and energy efficiency." SESAC (Success for Sustainable Energy Systems in Advanced Cities) is a project that involves local stakeholders in the cities of Delft (NL), Grenoble (F) and Växjö (SE). The project ensures the implementation energy efficiency measures in new and refurbished buildings, as well as encouraging an increase in the use of renewable energy for production of electricity, heating

and cooling in communities. The project is being observed by other European cities to see concrete achieved results.

"The Sesac project will give us the necessary experience and exchange of knowledge that we need to build a sustainable energy system in European cities."

Any type of community may participate in CONCERTO albeit an urban community or isolated community on an island, or even part of a city, small town or a group of villages. Funding is drawn from the EU's Sixth Research Framework Programme (FP6) (2002-2006) for research, technological development and demonstration (RTD). Assistance may represent up to 35% of the eligible costs, falling in the wide range of EUR 5-15 million.

Calls for proposals can be found at: www.cordis.lu

For further information, visit the Campaign website: <http://www.sustenergy.org> or contact the Campaign team:

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