

# >intelligentenergy. | 05 newsreview

News review of the Intelligent Energy – Europe programme, N°5 – May 2009

Intelligent Energy Europe



> In the spotlight

## Sustainable energy in your city

HIGHLIGHTS



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Integrated initiatives

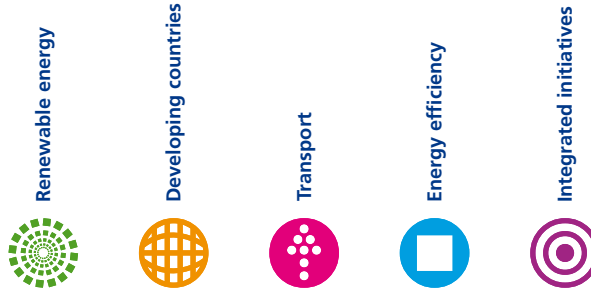


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*Nearly €50 million for more than 50 new projects*



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*Dear reader,*

*Why an issue on sustainable energy in cities?*

*Europe is the most urbanised region in the world – more than 70% of us live in cities. These urban areas are at the heart of Europe's economy and social life, providing citizens with a range of opportunities and a decent quality of life. Cities also consume huge amounts of energy so it is crucial that ideas and initiatives are brought forward to put their energy usage on a more sustainable footing.*

*The European Union recognises the importance of bringing our cities to higher standards of energy efficiency. This year for the first time a dedicated strand of the IEE Programme will help European cities come up with proposals on how to do that.*

*The signs of endorsement from European cities are encouraging. Hundreds of mayors have already signed up to a charter – the Covenant of Mayors – which will ensure our cities become ever greener in the future.*

*So this is a great time to step up our efforts in favour of our cities and give our contribution to making them a better place to live, work and move around. Through the project stories featured on the pages which follow you may find some food for thought and, hopefully see how once again the Intelligent Energy – Europe programme helps turning policy into action – perhaps even in your neighbourhood.*

*Happy reading and best regards,*

*Patrick Lambert*

**Patrick Lambert**

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> <http://ec.europa.eu/intelligentenergy>

# €65 million for intelligent energy projects in 2009

€65  
million  
is destined

On 31 March 2009, the European Commission adopted Intelligent Energy – Europe's (IEE) 2009 work programme. As in previous years, a major share of its budget (€65 million) is destined for project proposals which can help deliver a cleaner, more secure and sustainable energy future for Europe while fighting climate change. The next round of IEE projects is expected to spread the word far and wide about the merits of energy efficiency, renewable energy and cleaner transport. Open to any public or private organisation established in Croatia, the EU, Iceland, Liechtenstein and Norway, the call for proposals closed on 25 June 2009.

In 2009, the main funding areas for the IEE call for proposals will include energy efficiency and the rational use of energy, new and renewable energy sources, energy use in transport and integrated initiatives.

> <http://ec.europa.eu/intelligentenergy>

> <http://ec.europa.eu/intelligentenergy>

## A breath of fresh air for European cities

The 2009 IEE work programme will specifically target Europe's energy-hungry cities for the first time. €15 million has been set aside to help cities develop sound projects or investment programmes in the field of sustainable energy. This money will go to local or regional authorities including those adhering to the Covenant of Mayors initiative, who are committed to reducing greenhouse gas emissions by at least 20% by 2020, in line with the EU's sustainable energy policy objectives. The funds set aside for this will be jointly managed by the European Investment Bank (EIB) and the Commission. This fund should be operational by the end of 2009 – more details will be provided as they become available.



> <http://ec.europa.eu/intelligentenergy>

## STEER: on the way to sustainable mobility

Nearly €11 million will be available in 2009 under STEER, a key theme of the IEE programme that promotes energy-efficient transport practices across Europe.

Examples of current STEER projects include actions to foster demand for alternative fuels and cleaner vehicles, the promotion of less energy-intensive transport modes, and to establish training schemes and educational programmes for local and regional energy agencies.

To qualify under STEER, a project proposal will need to show:

- > participation by at least three partners from three different countries;
- > clear objectives and a European added value;
- > capacity to achieve measurable changes in transport behaviour.

Successful projects may expect to receive Community funds covering up to 75% of their eligible costs.

Hardware-type investments and research and development projects are not supported under this scheme.

> <http://www.eumayors.eu>

## Covenant of Mayors gains momentum

New cities are signing up to the Covenant of Mayors initiative. By April 2009, nearly 500 cities committed to developing sustainable energy practices had joined. A Covenant of Mayors office has been set up to ensure close coordination between organisers and participants.

The first Covenant of Mayors' ceremony, held in the European Parliament in Brussels in February 2009, generated a great deal of interest. More than 1 000 delegates attended the event, which was opened by the European Commission President José Manuel Barroso. More than 350 cities signed up to the Covenant during the event, committing themselves to go beyond the EU's energy objectives by reducing their CO<sub>2</sub> emissions and energy consumption by more than 20% by 2020. Together, these cities are home to more than 60 million people.

The European Commission will provide funding opportunities through the European Investment Bank's Project Development Facility and the Intelligent Energy – Europe programme to help these cities take action and meet their objectives.



*Jose Manuel Barroso, President of the EU Commission speaks at the Covenant of Mayors opening at the European Parliament in Brussels, Belgium, on 10 February, 2009. Photograph: Paul O'Driscoll*



## Belgian school children help animate European energy policy

European Energy Commissioner Andris Piebalgs visited Sint Jozefsschool Eizer in Overijse on 23 April 2009 to meet schoolchildren who are taking part in a pioneering animation project. The Young Energy Savers (YES) project will produce a series of cartoon animations to help teach youngsters about energy issues. The files will be made available to European broadcasters for free. Over the next 12 months, 100 children aged between six and eight from Sint Jozefsschool will take part in the project through a series of focus groups.

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> More than 70% of Europeans live in cities

## In the spotlight: sustainable energy in your city

Many steps have to be taken if cities are to become more energy intelligent, and many people have to contribute. The four projects presented in this section show how, with the help of the Intelligent Energy – Europe programme, progress is being made.



1 700  
families  
from seven  
EU countries

> <http://www.echoaction.net>

## Families rally to save Europe's energy

### ECHO ACTION: for a more energy-efficient lifestyle at home


Some 1 700 families from seven EU countries proved to be energy saving pioneers when they took part in the ECHO ACTION project, which called on them to develop a more sustainable lifestyle – especially when it came to changing their energy consumption patterns. The families were encouraged to take concrete steps to improve the insulation and energy performance of their homes, such as through retrofitting their heating systems and by installing renewable energy generators. They also learnt how to get around their cities and neighbourhoods in a cleaner and more sustainable way.

The ECHO ACTION families took advantage of the yellow pages developed by the project team, which listed the best suppliers, distributors and installers of green energy. The directory also provided information about 'ethical' banks and financial institutions. In addition, the families received help from 10 purchasing groups, who negotiated better market prices for specific technologies and energy plants.

With a total budget of nearly €1.4 million and a 50% Community contribution, the project aimed

to save 600 MWh in electricity and 625 toe in total energy consumption. The project results have been spread from the original nine cities (including Berlin, Venice and London), to a network of over 150 cities who are free to replicate the project's best practices and gain inspiration for their own cities.

The ACTION project began in 2006 and has now finished its work. According to Edoardo Tognon, Italian project coordinator at the Energy Agency of Venice, the success of the project has to do with sharing common goals: "We realised that private households are the real economic and social cornerstone of our community. I am pleased that we managed to persuade some of them to take part in a project that could literally change their lives. We are all equally motivated by the same urge to build a low-carbon future for our community."

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# Fighting prejudices against public transport

## Ad Personam: promoting sustainable mobility in seven European towns

At a first glance, public transport may seem rather impersonal and impractical to some people. But sometimes there is no better way of getting around than using the local bus. The Ad Personam project team is taking this challenge onboard, and aims to convince 7 000 citizens in seven European cities to leave their cars at home and use public transport to go to work everyday.

Giuseppe Caruso, European projects manager at the City of Modena, explains how.

### How did you go about communicating sustainable mobility in your community?

"Our project partners are seven medium-sized cities where driving a car is almost a natural choice. When you ask those who are outspokenly against public transport to name their nearest bus line, in most cases they won't be able to. We have noticed that most of the prejudices against public transport come from those who have never used it.

We wanted to stand out from the typical institutional communication campaigns that promote public transport and instead try something new: a personalised direct-marketing campaign that targets new potential users. Knowing their daily routes, our idea was to talk to them directly, as the name of our project suggests."

### Who is your ideal candidate for switching to public transport?

"Our target group is made up of people who travel everyday from home to work and back. Students without a driving licence or the elderly would also be good candidates, but they are not our primary targets. We really wanted to speak to those people who currently use the car yet may have a certain propensity to use public transport. So we looked at their individual route and came up with the most convenient, charge-free public transport alternative to fit their needs. We offered them the opportunity to try public transport through a free weekly trial, hoping they would like it and stick to it in the future."

### What are the arguments you use to convince people of the benefits of public transport?

"The first thing that comes to mind is the economic advantage: a season-long bus ticket is often cheaper than a car, if we consider all the

additional costs that go into insurance and technical repairs. Secondly, there are some important environmental aspects such as the reduction in CO<sub>2</sub> emissions. Also, congestion plays a role, especially in peak hours. But, above all, we call on our citizens and their civic duty: we encourage them to change their mobility habits to something which is better for them, and for the town in which they live."

*"When you ask those who are outspokenly against public transport to name their nearest bus line, in most cases they won't be able to. We have noticed that most of the prejudices against public transport come from those who have never used it."*

> <http://www.energyneighbourhoods.eu>

# On your marks, get set, go!

## ENERGY NEIGHBOURHOOD: beat your neighbour, save energy



There is no doubt that saving energy is a good thing. It helps the environment and saves a lot of money. But have you ever thought of playing in a team to reduce your energy consumption?

The Energy Neighbourhood project took this idea from Belgium to eight other European countries. Some eight to 12 households form a team, the so-called 'Energy Neighbourhood', and compete with other neighbourhoods. Every neighbourhood also accepts a bet offered by the city: in order to win the bet (and the accompanying prize) the neighbourhood has to make energy savings of at least 8% within six months compared to the previous year. Each team is coached by an 'Energy Master' who pulls the team together and provides the right incentives. Last but not least, the municipality plays the role of referee by ensuring that the teams abide by the rules. They also provide information on energy savings and organise meetings with the neighbourhoods.

"People become really excited about playing in a team to save energy," says project coordinator Anke Merziger. "In England neighbours meet in a pub to share tricks about how best to save energy. I believe it is the social aspect and the competition at the local as well as European level that makes the project so successful."

The campaign currently runs in nine European countries and involves several hundred districts. "The goal to reduce energy consumption by 8% will be largely achieved by most neighbourhoods. The most successful communities even save some

25%," explains Anke. The best Energy Savers from each country will be invited to an awards ceremony in Brussels in October 2009.

The aim is to bring the Kyoto protocol closer to Europe's citizens. That is why the margin was set at 8% like the emission target fixed in the protocol. "I believe that the policy message is transmitted much more effectively because the participants are actively involved," concludes Anke.

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## The goal to reduce energy consumption by 8% will be largely achieved by most neighbourhoods.





# Solar water heaters – an absolute must

## ProSTO: harnessing the power of the sun

“Using the sun to heat water for sanitary use or even to help heat your flat is usually a safe bet. It’s clean and free of charge. Solar water heaters are a reliable and mature technology, and the sun has a lot of power even in countries where you would not expect it, like Belgium or the United Kingdom.”

If you listen to Uwe Trenkner, the Secretary-General of Europe’s solar thermal industry federation ESTIF, you may not be surprised to learn that more than one city in Europe has made solar water heaters mandatory. Barcelona’s groundbreaking ‘solar ordinance’ set the example back in 1999. It required new residential and commercial buildings, and those undergoing major refurbishment, to generate 60% of their hot water requirements from solar energy. Today, thanks partly to the EU’s ambitious new renewable energy and buildings frameworks, many European cities and regions are considering the introduction of similar rules to make sure that solar heating becomes the norm.

But making solar water heaters an obligation is easier said than done. More than one city is struggling to find the right way of doing it, and some of them have made mistakes along the way. This is why, according to the project manager, Riccardo Battisti from Ambiente Italia, ProSTO makes a lot of sense: “The project distills the most important and best components from current schemes to make useful information available to other local authorities. There’s no need for them to reinvent the wheel and make the same mistakes over and

over again. For instance, we are working on a model text, which cities can copy and adapt to their situation, and we will provide advice on quality control and monitoring to make sure the new rules are applied.”

But if solar water heaters work so well and make so much sense, why not leave it up to individuals to decide whether they want to buy one? Riccardo Battisti says: “Israel was the first country in the world to make solar water heaters mandatory. Today, there is one in almost every building. An obligation may perhaps not be needed any more because solar water heating is the norm and everyone has it. In Europe, we are not there yet, so we need a similar process.”

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*Thanks to the ProSTO project, roof integrated flat plate collectors, like the one shown on this photo, will become a common sight in many European cities.*  
Source: VELUX/ESTIF

> More than **400** international projects, involving some **3 500** European organisations

# News from the field

Four hundred international projects involving 3 500 European organisations have benefited from the Intelligent Energy – Europe programme, which creates better conditions for a more energy-wise future. The projects cover a variety of areas including renewable energy, energy-efficient buildings, industry, consumer products, transport and developing countries. Below you will find the latest details about the programme's achievements and future activities.

Full details of all Intelligent Energy – Europe projects are available online ([http://ec.europa.eu/energy/intelligent/projects/index\\_en.htm](http://ec.europa.eu/energy/intelligent/projects/index_en.htm)).

## Energy-efficient buildings

### > An inventory for energy services

The BewareE project has created an inventory of more than 130 energy awareness services that address EU households. Twenty-six best practice examples were selected based on an assessment of market potential, service costs, energy reduction potential, development stage considerations and target group acceptance. Depending on the strategies selected, these examples allow for energy consumption savings of 5–20%. Twenty-seven country reports illustrate national framework conditions which, together with detailed findings, are available on the project website.

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Energy consumption  
savings of between  
**5% to 20%**



## Energy efficiency

### > Bringing heating systems to the BOIL!

Boilers do not always operate as efficiently as they could. While test cases demonstrate high efficiencies, their real performance is much lower. Starting from this analysis, two new market approaches were designed under the BOILeff project. The first is a quality declaration based on a checklist of quality criteria for boiler installations, which becomes part of the contract between the installer and the end consumer. The second is a performance declaration. The installer pledges that their work will meet a certain annual efficiency target that will show the end consumer how much energy (and money) is being saved compared to the old inefficient system.


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### > Keep cool – join the EU Cool Roof Council

COOL ROOFS keep you fresh because they reject solar heat, and they also help to save energy. An EU Cool Roof Council has been formed to improve the exchange of information and promote the relevant technology. If you want to join, visit our website (<http://coolroofs-eu-crc.eu>).

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### > A quality assurance system for energy-efficient homes

The SQUARE project has developed a quality assurance (QA) system for the retrofitting and operation of multi-family housing. The QA system aims to assure energy-efficient retrofitting which can improve indoor environments in a systematic and controlled way. Working according to the QA system ensures that the most efficient measures are chosen and that a high level of integrated energy and indoor environmental performance is maintained throughout a building. The QA system has been introduced in retrofitting projects in Spain, Austria, Finland and Sweden.

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### > Energy efficiency in buildings: speaking the same language

The DATAMINE project offers a common language to describe the energy performance of buildings. This can help to consolidate energy efficiency monitoring activities in the building sector on a European level. The concept has been successfully applied in 12 EU countries. Some 19 000 data sets were collected from energy certificates and merged in one database.

Thanks to the harmonised data structure, the average U-values, along with the frequency of supply systems and the average energy consumption can be evaluated for different construction decades and compared between the participating countries.

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<http://ec.europa.eu/intelligentenergy>

Energy efficiency in industry

> **Energy and water savings  
for the wine industry**

The AMETHYST project has developed a tool for wineries to assess water and energy saving opportunities. The tool is easy to use and suitable for both small and large wineries. It is available on the project website in English, French, German, Italian and Spanish. If you are interested, please contact us.

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Energy-efficient products

> Going up! Energy efficiency for elevators and escalators

Energy-efficient elevators and escalators deals with the energy performance of elevators and escalators in the residential and service sectors.

The project carried out a survey in cooperation with national lift/escalator associations in 22 European countries. It also undertook a monitoring campaign in four countries. The aim was to provide a detailed examination of the market and an assessment of the technologies used in each building type, along with details of electricity consumption and capacity. A rundown of best practices is being prepared and the project will compile details on available and emerging technologies that are designed to improve the energy efficiency of lifts and escalators.

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> Millions switched on to energy efficiency drive

The EnERLin project campaigns for energy-efficient lighting for the residential sector and has reached more than two million people. Promotional material is available in seven languages on the project website. In total, EnERLin set up promotional campaigns in 12 countries.

If you would like to test our campaign material do not hesitate to contact us directly.

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reached more  
than two million  
people

> GreenLight for central and eastern Europe

The New GreenLight project, which introduced the GreenLight programme to central and eastern Europe, concluded in December 2008 by publishing the catalogue of good practice case studies. Organisations which joined the GreenLight programme and saved on energy bills included municipalities and private companies, along with bodies from the service and education sectors. See online (<http://www.eu-greenlight.org>) for more information and to download the brochure.

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*"If every single household in the Czech Republic replaced one 100 watt light bulb with a 20 watt energy-efficient light bulb, we'd have a reduction in emissions equivalent to removing 365 000 cars from the country's roads."*



Juraj Krivošik from the Czech Energy Efficiency Centre 'SEVEn' managed the NEW GREENLIGHT project, which supports the switch to modern, energy efficient technologies in the EU's new Member States.  
<http://www.eu-greenlight.org>

Renewable electricity, heating and cooling

> **Solar air conditioning – the smart choice**

Solar cooling is an eminently smart technology because the demand and supply of energy coincide: solar radiation is available especially in the summer, when the need for air conditioning is highest. The SOLAIR project is promoting solar air conditioning and has compiled 22 best practice case studies after analysing new small and medium-sized systems in seven EU countries. The results are available in a high-quality English-language brochure, which can be ordered via the project coordinator, or as an online database on the project website.



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> **Storing renewable energy on islands**

The STORIES project has published an analysis which examines the role renewable energy plays in the energy mix of six different islands. The reports look in particular at energy storage methods, the use of hydrogen, desalination and pump hydro technology. Island test-beds in Croatia, Cyprus, Greece, Italy, Portugal and Spain have been included in the study. The results of all analyses are available on the STORIES project website.

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> **Biomass for houses, the results are in**

Don't know which biomass heating system is best for your home? The BIOHOUSING project website provides you with all the information you need. It also offers training material and business models if you are already in the biomass business or plan to launch a project in this area. BIOHOUSING focused on sustainable, comfortable and competitive biomass heating systems for private homes and ran during 2006–08.

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# 22 best practice case studies





### > Solar power technology for the new Member States

The new EU Member States are embracing photovoltaics (PV) as part of their renewable energy mix. It is timely then that the PV-NMS-NET project offers a report that provides a unique insight into the status of the solar PV regulatory and market environments in these states. The market for photovoltaics increased sevenfold in only one year (2007 to 2008). This rapid growth was stimulated by support mechanisms such as special feed-in tariffs. The Bulgaria, Czech Republic, Cyprus and Slovenia are the new Member State market leaders for PV usage.

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### > National biomass strategies: what works best

The BAP Driver project supports Member States in developing or expanding their bioenergy strategies and has recently published a best practice report. The report includes a detailed overview of the biomass activities of all partner countries, a comprehensive benchmark analysis and useful best practice recommendations. To find out more, check out the project website.

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### > Heat is on for solar thermal systems in eastern Europe

The EAST-GSR project, aimed to adapt the Guaranteed Solar Results (GSR) contract in Bulgaria, Poland, Romania, Slovakia and Slovenia. The promotion of this performance guarantee scheme allowed knowledge transfer to take place concerning large-scale systems' design, sizing and performance follow-up. All project documents are available on the project website including: market reports, adapted GSR contracts, pedagogic tools – such as a design manual and a telemonitoring handbook – telemonitoring results from five pilot sites, feasibility studies and the final public report.

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### > Tilting at windskills

The term 'windskills' has been adopted by Europe's wind industry thanks to the WINDSKILL project itself. The term provides a clear European consensus relating to the specific skills and competences that are needed to run the wind energy process. Following the release of the windskills profile at the EWEC 2008 conference, a customised onshore and offshore training programme is now being tested at various partner locations in Denmark, Germany, France, the Netherlands and the United Kingdom. The proven Windskill Standard will then be released in the second half of 2009.

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*"In TRADEWIND we have looked at the interaction between wind power, energy markets and the power grid. Developing Europe's wind energy potential to its full degree requires, in my view, sufficient capacity to exchange power between neighbouring countries, functioning energy markets, and a planning process that takes into account the needs of wind power."*

Poul Erik Morthorst from Risø (Denmark) was involved in the TRADEWIND project. It helped integrate wind energy in the European power system. Amongst other things, the project developed methods to simulate the impact of wind power on the power system and to model the relevant cross-border power flows.

Energy-intelligent transport

> Ecodriven reaches out to 20 million car drivers

The Ecodriven project recently concluded after successfully coordinating an eco-driving campaign in nine EU countries. Ecodriven collaborated with FIA, ACEA, EFA, CIECA and the International Transport Forum, amongst others. The project has raised the profile of eco-driving by demonstrating its potential to cut emissions and fuel costs. Ecodriven reached over 20 million licensed drivers and resulted in 1 million tonnes of CO<sub>2</sub> emission avoidance from 2006 to 2010. A campaign catalogue for future eco-driving and traffic safety campaigns is now available.

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Over  
20 million  
licensed  
drivers

> Project shows how to buy clean buses

The COMPRO project has been analysing ways to develop a common European approach to buying clean buses and is about to compile its first results. COMPRO looks at the procurement process from two perspectives: *how* can public authorities buy together, and *what* can they buy together. More cities have joined the core group, which consists of – Bremen, Nantes, Emilia-Romagna and Gothenburg. The new arrivals are providing valuable inputs and experiences.

The group is still open to other local authorities that are interested in following the analysis and want to find synergies with other potential purchasers. The next COMPRO workshop will take place in Bologna on 29 May 2009.

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> Europe's bike-sharing schemes in focus

The OBIS consortium, consisting of 15 partners, has finished its analysis of more than 50 European bike-sharing schemes. First results identifying success factors, good practice, and market potentials can be found on the project website.

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Analysis  
of more than  
50 European  
bike-sharing  
schemes







> **TRAINER instruction film available**

TRAINER aims at improving energy efficiency on the railways. The project will develop training programmes for train drivers, station personnel and railway management. The training will be supported by an instruction film which will provide tips for energy-efficient train driving. This film will be available on the project website and on DVD in April 2009. DVDs can be ordered from the project coordinator.

The concluding TRAINER conference will be held as part of the 4th UIC Energy Efficiency Conference 24–26 September 2009 in Tours, France.

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**1 million  
tonnes**  
of CO<sub>2</sub> emis-  
sion avoidance

Energy education

> **Youngsters learn about climate and energy issues**

This year's round of SAUCE programmes opened in March in Berlin. Six more programmes will follow in Aalborg, Roskilde, Riga, Twente, Vienna and London. Seven European universities will open their lecture halls and seminar rooms to pupils, aged 10–13, and their teachers. They will join energy experts on an educational journey into the fascinating world of renewable energies, energy efficiency and global climate change. The university programmes serve as vehicles to transfer a wealth of educational material and expertise into schools and to support teachers who can then apply what they have learned in the classroom.

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> **European schools commit to energy efficiency**

The EGS project has launched its European Campaign for Energy Efficiency and Energy Education in secondary schools. Schools from all over Europe are signing up to the EGS manifesto. They are filling in the EGS questionnaire to evaluate their energy performances and to assess their educational curricula and teacher training needs. Join the network and find out more online (<http://www.egs-project.eu>).

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> **A new way of teaching energy saving in everyday life**

Join the IUSES competition to win the 'European Energy Award' in August 2009. Secondary schools from 14 European countries involved in the project can participate in the competition and vie to become the most energy-efficient school in Europe. Visit the project website to learn more!

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> **CHECK IT OUT!  
School can save energy**

Check it out! The EU project for energy savings in schools has been a great success for its participants. Ninety schools in Bulgaria, Germany, Spain, Hungary and the Netherlands, have reduced their energy bills by 10–15%. This reduction has been made possible not only through the implementation of practical measures, but also with the help of an educational package that raised awareness in students about sustainability and energy use. The best practices will be bundled and published in a digital brochure to share experiences with other schools and organisations.

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**Schools reduced their energy bills by 10–15%**





# 25 000 young people who have joined the eco-trippers

## > Are you an eco-tripper?

The CONNECT project encourages children, students and their parents to use more sustainable modes when travelling to and from school. Two campaigns have been set up to achieve this goal: the TRAFFIC SNAKE campaign for primary schools and the ECO-TRIP campaign for secondary schools. During its first year, CONNECT engaged with more than 15 000 children which helped to produce a favourable modal shift of 16%. This year the results from an international short movie competition have proved to be an inspiration for the 25 000 young people who have joined the eco-trippers. Have a look at the website for the latest news and results.

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## > Energy saving – it's child's play

The FLICK THE SWITCH project aims to encourage schoolkids to switch off lights and devices when they are not in use. Recently a report was published that explains how to motivate primary and secondary schoolchildren to save energy. A summary is now available in Croatian, English, Estonian, Italian, Lithuanian and Norwegian.

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### Local energy agencies

#### > Local energy agencies join forces

Energy Agencies in Madrid (Spain), Enna and Benevento (Italy) and Podravje (Slovenia) recently joined forces and have published their first newsletter. Check it out online (<http://www.fenercom.com/pages/english/english-version.html>). The idea is to help exchange best practices and develop joint publications, training and dissemination activities.

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### Monitoring and financing

#### > Evaluation results presented by energy efficiency watch team

The Energy Efficiency Watch (EEW) project started work in September 2007 and is being coordinated by EUFORES. Within the project all National Energy Efficiency Action Plans that were required within the European Energy Services Directive have been evaluated.

The EEW Brochure 'Promoting Energy Efficiency in Europe' is available in five languages on the project website. The final evaluation report was published in May 2009. The project is now disseminating results and offering advice on the drafting and implementation of the National Energy Efficiency Action Plans.

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#### > Greening the economy with the help of Structural Funds

The PromoSCene project promotes the use of EU Structural Funds for investments in sustainable energy. The project has identified several information needs for the funds' managing authorities in the new Member States. Guidelines and a database are being developed to match previous experience with the information needs of the targeted managing authorities in order to get more money directed towards sustainable energy projects.

The database and guidelines are available on the website. Recommendations are also provided for a further greening of the economy through Structural Funds for the upcoming period.

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Sustainable energy in developing countries

> Efficient cooking stoves for south-east Asia

The REEPRO project team has developed a locally adapted rocket stove for cooking that could dramatically reduce the use of raw materials in south-east Asia. The project also provides a training programme that includes videos, a manual and even construction moulds to ensure that the stove can be used properly. The rocket stove uses 70% less fire wood than an open fire, which makes its development an important breakthrough for Laos and Cambodia where wood is the main energy source. The rocket stoves can be made from local materials (clay, rice husk, wooden, sheet metal) for less than USD 1 in material cost and it is very easy to use.

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Rocket stove uses 70% less fire wood

> RENDEV project receives 2009 Sustainable Energy Award

The Rendev project recently received the EU's 2009 Sustainable Energy Award in the cooperation programme category. Currently more than 1.6 billion people lack access to reliable energy sources, particularly in rural areas. The project developed a market-based way to replace kerosene with solar lighting, which included a micro-financing package.

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> Energy efficiency breakthroughs in rural Tanzania

The TREESPA project in Tanzania develops energy-efficient business concepts around the best available technology, and is now focusing on lighting, motors and welding machines. The project primarily aims to help people living in rural settlements where grid supply has recently been provided. You can find market surveys, technical specifications and other information on our website.

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# Editorial information

The Intelligent Energy News Review is a news magazine on the European Union's Intelligent Energy – Europe programme. It is published by the European Commission's Executive Agency for Competitiveness and Innovation (EACI).

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Design and layout: Tipik s.a./Chili con carne

This latest issue and all previous issues of the News Review can be downloaded for free online ([http://ec.europa.eu/energy/intelligent/library/publications\\_en.htm](http://ec.europa.eu/energy/intelligent/library/publications_en.htm)).

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Intelligent Energy – Europe (IEE) is the European Union's programme for promoting energy efficiency, renewable energy and sustainable mobility. It supports international projects and local/regional energy agencies promoting smarter energy use and growth in renewable energy sources.

The IEE programme is implemented by the EACI on behalf of the European Commission. The EACI assists all IEE partners by managing the different projects and events funded under the IEE programme and by disseminating the know-how and best practices they produce.

More details on the IEE programme can be found online (<http://ec.europa.eu/intelligentenergy>).

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> New calls for eco-innovation and Intelligent Energy – Europe

# Money matters

> <http://ec.europa.eu/ecoinnovation>

## €30 million of fresh funding for eco-innovation projects

The second eco-innovation call for proposals was launched on 20 April 2009. Some €30 million is available to fund the next round of schemes to produce environmentally friendly goods, processes and services. If you plan to apply for funding make sure that you submit your project proposal before the deadline of 10 September 2009. Information on the call and from the European Info Day for applicants is available online (<http://ec.europa.eu/ecoinnovation>).

Looking back to the 2008 call for proposals, some 40 projects from across the EU will share the €28 million of co-financing. Overall, they will mobilise a total investment of over €60 million to carry out actions in the fields of recycling, the food and drink sector, buildings and green business.

A brochure featuring all projects is available online ([http://ec.europa.eu/environment/eco-innovation/publi\\_en.htm](http://ec.europa.eu/environment/eco-innovation/publi_en.htm)).

€30  
million  
for eco-innovation  
in 2009

50+  
projects

Nearly  
€50  
million

> [http://ec.europa.eu/energy/intelligent/projects/index\\_en.htm](http://ec.europa.eu/energy/intelligent/projects/index_en.htm)

## 2008 call for proposals: nearly €50 million for more than 50 new intelligent energy projects

Negotiations are underway for over 50 projects which were selected to receive funding from the Intelligent Energy – Europe programme under the 2008 call for proposals. The selected projects focus on energy efficiency, renewable energy sources, urban mobility and the establishment of local energy agencies.

From promoting cycling as a clean, healthy and economical alternative for urban transport to laying the foundations of a transmission grid for offshore wind power, each project selected for funding puts forward new approaches and concrete solutions to the pressing energy issues the EU is facing today.

Speaking about the selection, Patrick Lambert, Director of the EACI commented: "The proposals we received under the latest call are shining examples of how Europeans can turn policy into action and work towards a cleaner, more secure and sustainable energy future."

The selected projects were shortlisted from 342 submissions to the call which closed last June. The call attracted applications from the 27 EU Member States, Croatia, Iceland, Liechtenstein and Norway. Among the 2 000 plus organisations which tabled proposals, more than half are small and medium-sized enterprises, followed by a considerable number of public authorities and leading non-governmental organisations.

All projects funded by the IEE programme may be found in the online database ([http://ec.europa.eu/energy/intelligent/projects/index\\_en.htm](http://ec.europa.eu/energy/intelligent/projects/index_en.htm)).

All available IEE videos and publications may be downloaded ([http://ec.europa.eu/energy/intelligent/library/index\\_en.htm](http://ec.europa.eu/energy/intelligent/library/index_en.htm)).

