

# sunflower

energy | innovation | development

## project newsletter

Issue 4

January 2011

A project coordinated by Câmara Municipal de Moura (Alentejo Region, Portugal)



The Sunflower Project is a European network of 8 partners. The aims of the project are; the promotion, dissemination and implementation of good practice examples of Renewable Energy Sources and their contribution to Local Sustainable Development, maximising involvement in the project and thus start a long and durable community energy vision in line with European energy climate targets.

### CONTENTS

Healthy Cities Czech Republic	Working with Schools in Litomerice	2
Environment Park Italy	Good Practices in RES and BIOGAS Sector A view on some of the Environment Parks projects	3
IDMEC Portugal	Project ENNEREG—Regions paving the way for a sustainable energy Europe	4



# SUNFLOWER PROJECT DISSEMINATION IN LITOMĚŘICE, CZECH REPUBLIC



As part of the Sunflower Project the Healthy City of Litoměřice held a series of innovative events to raise awareness of energy efficiency and renewable energy between March and May 2010.

Attended by over 1000 school pupils the events featured competitions, seminars, educational programmes, films, project days and discussions all focused on renewable energy resources, their utilisation and energy saving possibilities. Schools involved had 'energy labels' posted on them noting their energy consumption as part of a Europe wide scheme.



Examples of innovation include;

A competition held in all classes of basic school Havlíčkova - Litoměřice focused on energy saving in households. The pupils' task was to create an electric appliance which used only renewable energy and as little as possible. Pupils manufactured solar television, telephone, refrigerator etc with the most original product receiving a reward in a form of parlour game. All produced works were exhibited for the whole month in the school entrance hall.



At another event 'The Week of Savings' held on "Earth Day 2010" pupils had to put themselves in the shoes of a businessman offering renewable energy resources to investors. They had to present their business and its positives and negatives and based on this the investors selected a potential partner. The best presentations received a reward in a form of t-shirt from Environmental Education and Ethics Centre - SEVER.

The full report on the awareness events and their outputs can be viewed at;  
[http://www.sunflowerproject.org.uk/SUN-LT\\_zaver-zprava\\_kampaneEN.pdf](http://www.sunflowerproject.org.uk/SUN-LT_zaver-zprava_kampaneEN.pdf)



**Contact person (HCCZ):**

Radka Svikova  
Healthy Cities of Czech Republic  
E: [praha@nszm.cz](mailto:praha@nszm.cz)  
W: <http://www.nszm.cz>



**Contact person (Litoměřice):**

Antonin Tym  
Healthy City of Litoměřice  
E: [gte@litomerice.cz](mailto:gte@litomerice.cz)  
W: <http://zdravemesto.litomerice.cz>

# GOOD PRACTICES IN THE RES AND BIOGAS SECTOR A VIEW ON SOME OF THE ENVIRONMENT PARKS PROJECTS



## GasHighWay

European Union has set a target of increasing the share of biofuels and alternative fuels, including natural gas, by 10% and 20% respectively by 2020. The GasHighWay project, financed by Intelligent Energy Europe, promotes the uptake of natural gas and biomethane in Europe.

Aims of the project:

- Expanding Compressed Natural Gas (CNG)/bio methane distribution network in Europe
- Best practice exchange
- Involving the main key actors (producers, distributors, local authorities, automotive enterprises, users) to overcome of the main technological, economical, legislative and cultural barriers for the uptake of CNG/biomethane as fuel for transport



Web site: <http://www.gashighway.net/>

## SEBE (Sustainable and Innovative European Biogas Environment)

The field of biogas utilization holds huge potential for both economic and sustainable development. Developing and exploring these potentials as well as using our own resources carefully has to be the prime target during the years to come.

Aims of the project:

- Analyse biogas production potential and pathways
- Review the technologies available at a national and international level
- Consider different available sources for biogas production, such as organic or industrial wastes
- Define local strategies for the collection of biomass
- Perform tests on a demonstration plant to verify the real possibility of waste biomass utilization

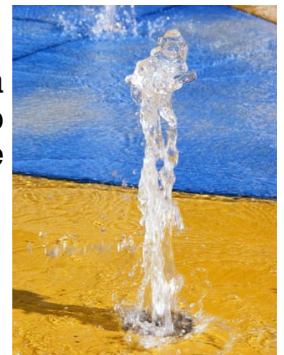


Web site: <http://www.sebe2013.eu/home/about>

## LIFE POWER

Funded under the European Programme 'LIFEPower', aims to realize a demonstration action in Spain to improve energy efficiency in irrigation and to power the irrigation system using renewable sources (biogas). Also to reduce greenhouse gas emissions derived from the "energy bill" for moving water.

<http://www.lifepowerproject.eu/default.asp>



# PROJECT ENNEREG

## REGIONS PAVING THE WAY FOR A SUSTAINABLE ENERGY EUROPE



### **IDMEC is involved in a new European project – ENNEREG.**

The ENNEREG project involves 12 Pioneer Regions, of all types and sizes ranging from islands in Greece and Portugal to the whole of Wales, committed to demonstrating how regions can be a key driving force in fulfilling the EU 20-20-20 goals.

The aim of the ENNEREG project is to establish and inspire a network of regions throughout Europe, “EU Regions 2020”, to produce regional Sustainable Energy Action Plans (SEAPs) and replicate projects (SEPs).

ENNEREG entails three main dimensions:

1. The first dimension concerns the 12 regional partnerships in Bulgaria, Denmark, France, Germany, Greece, Lithuania, Poland, Portugal, Spain, Sweden and United Kingdom making a coordinated approach in defining visions and goals suited to the local policy context, the region’s resources and the interests of stakeholders. This will lead, among others, to the elaboration of Sustainable Energy Action Plans and the implementation of selected sustainable energy projects in each region as well as to the launch of Covenant of Mayors’ Supporting Structures.
2. The second dimension is to encourage regions beyond the consortium to take up the sustainable energy challenge. This objective will be pursued in the form of a Replication Programme, where each of the 12 ENNEREG Regions twin with a new region to adopt the relevant project achievements in the new region.
3. The third dimension is to create an enabling environment, EU Regions 2020, for broader debate on how regions can help meet EU’s target supplemented with a range of EU wide dissemination activities.

ENNEREG is one of five Intelligent Energy - Europe Sustainable Energy Communities Projects, that have joined forces to support EU 20-20-20 Targets.

The five projects - ENNEREG, Energy for Mayors, CITY-SEC, come2CoM and ENESCOM, which represent more than 100 communities throughout Europe, will produce a joint newsletter in several European languages to be sent to thousands of sustainable energy actors. For information on all projects see [www.regions2020.eu](http://www.regions2020.eu)

The projects share a common objective of demonstrating how Communities can be a key driving force in fulfilling the EU 20-20-20 climate and energy targets of at least 20% reduction in greenhouse gas emissions, 20% increase in energy efficiency and 20% of energy from renewables by 2020.

These goals will be achieved by supporting local and regional stakeholders in the development of Sustainable Energy Action Plans (SEAPs) and Projects (SEPs), encouraging and supporting communities in signing the Covenant of Mayors.

To register to receive the newsletter and further information about Sustainable Energy Communities activities and events go to: [www.regions2020.eu](http://www.regions2020.eu)

**Further details about the Sunflower project can be found on the Sunflower Website**

[www.sunflowerproject.eu](http://www.sunflowerproject.eu)

