

EASY Project



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KEY FACTS

- IEE – SAVE 2005
- Total budget: 616.296 €
- EC contribution: 50% of the budget
- Duration of the project: 01.12.2007—30.11.2009

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TOWARDS AN OVERALL EASY MODEL

The Easy project is co-financed by the European Commission through the European Programme IEE and its **main objective** is to define a **Local Model based on Renewable Energy System** for small and medium scale urban decentralized areas of the Mediterranean regions that will help to launch and rise afterwards **SUSTAINABLE ENERGY COMMUNITIES** in the Adriatic / Mediterranean regions. It also aims to increase common sensibility, technical know-how, legal and institutional commitment, and market conditions for all stakeholders.

This Easy Model will be applied in four pilot experiences areas, Sykies (Greece), Ancona (Italy), Split (Croatia) and Vila-real (Spain), that are developing:

- Local Energy Action Plan
- Easy Local Guidelines
- Easy Training Activities.

At this stage of the project, each partner is carrying out the AUDITING phase in their respective areas. The audit phase includes analyzing the local energy system; studying the energy flows (vectors, production, sector and final consumptions); defining CO2 emissions balance; and evaluating the different possible scenarios.

III INTERNATIONAL EASY MEETING OCTOBER 2008

The County of Split and Dalmatia, as the only Croatian partner on the Project, hosted the representatives from Italy, Greece and Spain, during the III International EASY Meeting from 20th -21st October 2008, held in Bol Island of Brac. The main aim of this international partner meeting was to present the first results of Project EASY. In this framework, each partner presented the different challenges that they were facing in the project activities. Furthermore, they discussed on the possible opportunities for solving them. The EASY Steering Committee also was held during this meeting, there technical aspects were highlighted and the partners searched for technical solutions.

INTERNATIONAL CONFERENCE HYDROGEN ON ISLANDS

The EASY project was disseminated during the International Conference "Hydrogen on Islands" held in Bol, from the 22nd to the 25th October. During this conference, participants exchanged views and experiences related to the hydrogen technologies in general and to applications on islands in particular, they discussed about a role of hydrogen in energy future and about the use of hydrogen technologies in conjunction with renewable energy sources.



EASY Steering Committee

More information www.em.com.hr



EASYLOCAL ENERGY FORUMS

Local Energy Forum in Ancona
12th December 2008



Local Energy Forum in Sykies
12th May 2008



Local Energy Forum in Vila-real
1st October 2008



Local Energy Forum in Split
15th May 2008



CITY OF ANCONA

Portonovo Bay is situated in a decentralized area of the City of Ancona. It has a great tourist vocation, especially during the summer time and it is part of a protected area of the Natural Park of Monte Conero. From a strictly energetic point of view, its environmental and landscape characteristics suggest some interesting aspects to be considered: the necessity to introduce possible structural interventions respecting the environmental bonds and the natural landscape features and the consumption flows relative to the summer break period.

During this first year of the EASY project, the Local Expert Group together with local key actors have been working on defining the **Local Energy Model** in accordance with the energetic needs of Portonovo Bay. In december 2008, the first phase of the process (Energy Audit) has been completed. During this phase it was possible to highlight and to analyze the needs and climatic-energetic characteristics of the area .

The Energetic Audit included:

1. Climatic-environmental analysis of the natural characteristics like temperature, humidity, amount of precipitations, wind, sunshine and solar radiation.
2. Mapping and classification of the consumers regarding building sector and public lighting .
3. Analysis of the distribution networks regarding electricity, gas and water sources.
4. Consumption Analysis and energetic balance preparation.

Hereby we report the total energetic balanced quantified in **tonnes of Oil Equivalent**.

A	Consumption of primary energy in Portonovo	645,28	toe
B	CO2 Emissions in Portonovo	1.722, 53	tCo2
C	Consumption of primary energy in Ancona (public sector)	131.932, 95	toe
D	Energetic weight of Portonovo in respect to City of Ancona	0.5	%

The results of this first year of work, were presented on last 12th December during the 2nd Local Energy Forum .

CITY OF SYKIES

In the framework of EASY project, Municipality of Sykies, and the EASY local team started with the analysis of the existing situation in terms of energy consumption of 34 municipal buildings, since 2004. The above analysis and the conclusions derived from the EASY local forums and workshops demonstrated the need for concrete measures to be taken to mobilize the general public and policy-makers in energy policy.

The main goal of the Sykies pilot experience is to change people's behavior, attitudes and lifestyle in terms of sustainable energy consumption, to research what methods are useful at engaging citizens in decision-making and make civil servants and policy-makers more aware of public opinion. Furthermore, improve the understanding of civil servants with regard to the citizens they serve and involving citizens in politics and policymaking towards the **EASY Local Energy Plan**.

The concrete actions taken were aimed to: identify whether there are efficient energy systems installed in municipal buildings, to understand how building managers and building users actually use energy efficient systems installed in the municipal buildings, whether they understand the need for energy efficiency and whether they know how to use eventual systems efficiently and gain the benefits assumed, and finally whether the use of those systems reflect the assumed policy benefits such as the contribution to CO2 emission reductions. The pilot is targeted to municipal buildings managers and building users, i.e. school children, teachers, officers, policy-makers and to the general public. The analysis of the existing situation demonstrated that apart from the awareness raising campaign and the public consultation processes, energy efficiency is about individuals informed choice, not just about legislation- the promotion of small scale energy efficiency investments in energy efficient products and systems (medium and low cost measures) are of absolute importance in order to achieve the desirable results in reducing energy consumption on energy efficiency.

SPLIT AND DALMATIA COUNTY

After more than one year since the project has started, in Split and Dalmatia County (Croatia) all activities are speeding up towards achieving their objectives, while current results could be summarised through the following comments.

Project EASY has been presented while its actions and current achievements disseminated to broader public through the Technical Workshops, Educations, presentations on national and international conferences, etc.

The education and dissemination activities have covered the topics such as energy efficiency, an utilisation of renewable energy sources, hydrogen as renewable source of energy, the replacement of oil fuels by natural gas, available financial supports in investments, importance of energy supplies, protection of environment, and finally the presentations of achieved results and developed methodologies under the project EASY.

For the purpose of dissemination, an EASY brochure and poster in Croatian language have been published, together with EASY paper blocks and pens.

Apart from education and dissemination activities, a number of technical actions, towards designing a **Local Energy Model** (Local EASY), are in process. These include public survey on energy consumption for households, services and industry; generation of up-to-date database on energy consumption; analysis of biomass and solar potentials; analysis of generated data on the existing state of energy efficiency; and other activities towards designing the Local EASY Model (analysis, data processing, planning, and collaboration with energy experts).



City of Vila-real



Island of Brač

CITY OF VILA-REAL

The city of Vila-real since the start of the project has moved towards greater awareness of energy efficiency and savings, proof of this is training electricity sessions, with the aim of raising awareness and introduce students to the field of renewable energy and sustainable cities, as well as the operation and design thermal and photovoltaic installations.

In the task of dissemination, during the Month of Sustainability organized monthly by the City Council, the EASY philosophy was presented and informed by flyers to all the public.

After the dissemination and training phase of the project was closed, the results obtained gave a wide image for the diagnosis of the local situation. This phase ended with the second Expert Meeting, attended by members of the Association of Architects, Gas Natural, AVAESN (Valencia Business Association Energy), Chamber of Commerce and municipal technicians who addressed the in-depth energy current location, analyzing all existing energy sources and potential development activities to design a model sustainable city to Vila-real. Moreover, after conducting a survey to representatives of the citizenship of Vila-real, the conclusions that were drawn about renewable energies was wide. Moreover, the results in the last **Energy Forum** raised several tips for saving energy in the daily life of residents. Currently the Town Council is seeking for energy proposals in order to improve the city of Vila-real.

EUROPEAN ENERGY CORNER



EUSEW 2009

It took place in Brussels, Belgium, and in other cities across Europe from Monday 9 to Friday 13 February 2009. 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 on the third edition of the EU Sustainable Energy Week (www.eusew.eu).

'20-20-20 PLAN

In late 2008, it was approved the the so called "energy-climate" package of proposals of the European Commission. This package is also called the "20-20-20 plan" on account of the EU's energy and climate targets for the year 2020: a 20% reduction in greenhouse gas emissions, a 20% improvement in energy efficiency, and a 20% share for renewables in EU the energy mix.



PARTNERSHIP



Forum of Adriatic and Ionian Cities
www.faic1999.net



Marche Region (IT)
www.regione.marche.it



Sviluppo Marche-SVIM (IT)
www.svimspa.it



Municipality of Sykies (GR)
www.sykies.gr



County of Split and Dalmatia-SDC (HR)
www.dalmacija.hr



Municipality of Vila-Real (ES)
www.vila-real.es



Municipality of Ancona

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YOUNG COMMUNITIES ARE GROWING UP...

BY MARCO CARDINALETTI
EASY PROJECT MANAGER

Last December 3rd 2008 the Municipality of Ancona (Italy) , in partnership with Marche Region, Faculty of Engineering of Marche Polytechnic University and Loccioni Group srl organized the second EASY-DAY . The event, sponsored at European Level by the Sustainable Energy Campaign as an Energy Day, was organized within the EASY project (www.easyaction.eu) in order to train and to inform local stakeholders on the issue of energy efficiency and renewable energy sources.

The general objective of the event was to support creation of a local energy community involving young generation to act and to think in “energetically sustainable way” . More than 100 students, from faculties of Engineering and Architecture , graduate students and professors as well as some Executives of private energy companies attended the event and participated actively, providing their contributes and experiences.

The educational and informative day was divided in two parts. During the morning session lessons concerning topics such as energy local communities, sustainable energy planning, renewable energy sources, energy efficiency mainly in the building sector were organized by the University of Engineering. Furthermore, at University's main entrance was prepared an informative stand where students could have material and explicative documents on the EASY project and on the different RES, asking for explanation and clarification to the experts who were there.

At the same time, compiling a survey, each student received as gadget the EASY T-Shirt with ten tips for saving energy in the daily life. The second part of the day was dedicated to an educational visit. Students visited the "Leaf Community", which is the Italian first fully environmentally sustainable integrated community, created in the province of Ancona by the Loccioni Group srl. *"It is the result of the strong ambition to create a positive meeting field between technology and nature"*.

During this visit it was also presented the "Leaf House". Composed of six flats, it is a technologically innovative and a carbon neutral house where the energy is entirely produced by renewable sources without CO2 emissions. It is an example of saving energy and respect of environment, a place to be visited and studied in order to awake and educate people to one sustainable future. (www.leafcommunity.com). The EASY Day was strongly supported by local media (local newspapers and TVs).

FORTHCOMING EVENTS

SYNERGIES BETWEEN
MEDITERRANEAN ENERGY
COMMUNITIES: EASY PROJECT
11th March 2009, Brussels

In collaboration with the Committee of the Regions, during this event EASY PROJECT results and further steps will be presented. Experts from the European Commission and other regions will share know-how and best practises.

More information:

www.uegva.info

GREEN WEEK
25th –29 th June 2009
Brussels

Organized by the Directorate General of Environment by (European Commission), the Green Week will focus on climate change from different angles.

More information:

ec.europa.eu/environment/greenweek

OPEN DAYS 2009
5th – 9th October 2009
Brussels

Organized by the Directorate General of Regional Policy and the Committee of the Regions, next edition under the headline “Global Challenges, European responses” the seminars will cover a diversity of themes including , climate change,

More information:

www.opendayseuropa.eu