Here we are again! The EURONET 50/50 becomes EURONET 50/50 MAX!



We are pleased to announce that the significant results obtained with the EURONET 50/50 project, as well as the rising interest in the 50/50 energy-saving concept, led to the development of a new project proposal - EURONET 50/50 MAX - that has been selected in the last call of the Intelligent Energy Europe (IEE) program.

EURONET 50/50 MAX aims at mobilizing energy savings in schools and other public buildings through the implementation of the innovative 50/50 methodology which increases energy awareness of the building users and actively involves them in energy-saving actions. And what is important – achieved financial savings are shared equally between the building users and the local authority which covers the energy bills!

EURONET 50/50 MAX will last 3 years and it continues and extends the actions started with the EURONET 50/50 project, implemented in the period 2009-2012. Now, 16 partners from 13 different European countries involved, will implement the 50/50 concept in at least 500 (primary and secondary) schools around Europe and in around 50 other public buildings, extending the number and typology of buildings engaged in energy saving within the first edition of the project.

The project will focus also on improving and extending educational materials and tools concerning the 50/50 concept, as well as on integrating this concept into national, regional and local policies and plans.

It is expected that important energy savings (reaching at least 8%!) will be achieved in public buildings involved in the project as a result of the implementation of the 50/50 methodology. More sustainable energy behaviors will be promoted in order to reduce the use of energy and to contribute to the mitigation of climate change at a European scale.

- Now we are **EXPERIENCED** after the three-year implementation of the EURONET 50/50 project.
- Now we are **MORE**: from 9 partners to 16!
- Now we are more **DIFFUSED**: from nearly 60 schools to 500 schools and 50 other public buildings.
- But we are still a WIN-WIN project!

What are we doing now?

The EURONET 50/50 MAX project is gaining momentum! More than 500 schools and nearly 50 other public buildings have been involved in implementation of the 50/50 concept. Most of them already established the **energy teams**, whose job is to assess and improve energy situation of their buildings, achieving both energy and financial savings for the benefit of all parties involved. All schools and other public buildings participating in the project are also part of the European **50/50 Network** which is a platform for exchange of ideas and experience.

The energy teams

In each building involved in the project, there has been set up a working group called **energy team**, which is made up of the representatives of building users (pupils and teachers in case of schools), as well as representatives of local authorities. Each energy team is responsible for assessing and improving energy situation of the building following individual project steps.

A Win-Win project

An important aspect of the EURONET 50/50 MAX project is the possibility of reducing energy consumption and achieving several other goals simultaneously.

The schools (and other public buildings) have an incentive to save energy, as they get half of the money saved for their activities. The buildings' managers (usually local authorities) reduce their energy costs and everybody wins with less CO_2 emissions released to the atmosphere.



Members of the energy team of the school in Florence (IT) at work

50/50 Network

All the schools and other public buildings, which implement the 50/50 methodology, form the 50/50 Network – a platform for sharing experience and ideas on energy saving. Platform members use special area created on the EURONET 50/50 MAX website to communicate.

Good example

Participation in the 50/50 project proves municipalities' commitment to have more energy efficient public buildings and spread the concept beyond the schools. Here, the municipalities committed to the fight against climate change have an opportunity to reduce their energy consumption, to involve public buildings users in energy saving and to become an example for their citizens.

News from schools

EURONET 50/50 MAX aims to implement the 50/50 methodology in **500 schools** and **nearly 50 other public buildings.** The schools' selection process was based on the following criteria:

- The school is a public school primary or secondary;
- School buildings are independent for the better control of the energy consumption;
- The school doesn't plan any major renovation or rebuilding works within the project duration;
- The school is committed to actively participate in the whole project;
- At least 2-3 teachers will be actively involved in the project implementation;
- There are teachers experienced in environmental education;
- The school curricula includes such topics as environmental protection, use of energy and other resources, etc.;
- The school is committed to environmental protection and preferably is involved also in other environmental project/actions (*if not, the school should develop parallel actions to increase the environmental awareness of pupils, such as special classes, info days, invitation of external speakers, etc.*).

Primary and secondary schools from 13 countries, which were selected to implement the 50/50 concept within EURONET 50/50 MAX, signed special agreements with their municipal councils and participated in thematic training seminars organized by the project partners. The seminars were dedicated to such issues as implementation of 50/50

Newsletter nº 1/2014

methodology step by step, calculation of energy and financial savings and the methods of teaching on energy, energy saving, greenhouse effect, ecological footprint and more energy-related topics.



Meeting in the Primary School in Rufina (IT)..





... and in the Secondary School in Florence (IT)

News from schools

In order to help the schools in the implementation of the 50/50 methodology and the work with the energy team, we prepared a special "**E-pack**" including many useful documents and tools. The E-pack contains:

- A detailed description of the 50/50 methodology
- The guidebook "Energy saving at school"
- The guidebook "50/50 step by step. Energy efficiency and saving at school"
- Other educational material, including lesson scenarios, games, etc.
- A set of measuring devices

The "**E-packs**" were distributed among the schools and the energy teams were trained how to use them. Thanks to the "**E-packs**" the energy teams will be able to begin the analysis of the school's energy consumption and carry out various measurements (temperature, light brightness, energy consumption of different devices, etc.) necessary to determine the best strategy to reduce the energy consumption of the building.



Students at work with the measuring devices



A student measuring light brightness in the room

Among the "E-pack" measuring devices there are:

Data logge





Digital thermometer

Light mete

News from other public buildings

One of the main tasks of the EURONET 50/50 MAX project is to check how the 50/50 concept can be useful in non-school public buildings. 48 different public buildings will take part in the project, including city halls, sport facilities, museums, libraries and others, testing what energy savings can be reached in these buildings by implementing the 50/50 methodology.

As in case of schools, the proposed methodology includes 9 steps:

Step 1.

Setting up the energy team: the key to success

Step 2. Signing a commitment agreement

 Step 3. Monitoring of the energy consumption of the building

Step 4. Energy audit

Step 5. Energy tour

Step 6. Information to the users of the building

Step 7. Defining the action plan

Step 8. Calculation of the energy savings

Step 9. Dissemination of the results

local authoriti

Newsletter nº 1/2014

Below, there is the summary of the number of noneducational buildings involved by each partner:

Short name	N° of buildings	Short name	N⁰ of buildings
DIBA (ES)	10	ZAGREB (HR)	2
PNEC (PL)	10	RMS (LV)	2
ALESA (IT)	3	TOP ENVI TECH (CZ)	1
UVA (FI)	1	AFE (IT)	3
CRETE (EL)	6	CAA (AT)	1
UfU (DE)	1	DIHU (ES)	1
KSSENA (SI)	3	CEA (CY)	2
KREA (LT)	1	EAV (CZ)	1

In order to help **non-educational public buildings** in implementation of the 50/50 concept, project partners prepared special "E-pack", which has similar structure as the "E-pack" for schools but focuses on adult target group.

The 50/50 concept can help the municipalities to achieve the 20/20/20 objectives set in their Sustainable Energy Action Plans (SEAPs) by ensuring better knowledge and management of energy in selected public buildings! Newsletter nº 1/2014

Ideas for energy saving!!!

Here are some good energy-saving practices that the schools developed during the first EURONET 50/50.



You can measure temperatures in all school rooms to determine which are overheated or underheated.



You can mark the light switches.



You can hang reminders above the switches to turn off unnecessary lights.



You can hang reminding signs on the doors of the classrooms.



Ideas for energy saving!!!

You can prepare posters with tips how to save energy.



You can prepare information boards to inform and engage whole school community in energy saving actions.



Newsletter nº 1/2014

rgy local authorities authorities building feneros saving ener saving ener

Contact the project partners

The EURONET 50/50 MAX project is implemented by a consortium of 16 motivated partners from 13 European countries, with great experience in the fields of energy saving and energy education.

Experienced partners:

- Diputació Barcelona Provincial Council (DIBA) project coordinator Website: www.diba.cat E-mail: euronet@diba.cat
- Independent Institute for UfU **Environmental Issues (UfU)** Website: www.ufu.de E-mail: almuth.tharan@ufu.de
- Local Agency for Energy and **Environment (ALESA)** Website: www.alesachieti.it E-mail: info@alesachieti.it
 - University of Vaasa (UVA) Website: www.uva.fi E-mail: merja.pakkanen@uva.fi
- 0
- **Association of Municipalities Polish** Network "Energie Cités" (PNEC) Website: www.pnec.org.pl E-mail: biuro@pnec.org.pl

E REGION OF CRETE Region of Crete Website: www.crete.gov.gr E-mail: elhatziyanni@crete.gov.gr

Ssena Energy Agency of Savinjska, Šaleška and Koroška Region (KSSENA) Website: www.kssena.si E-mail: info@kssena.velenje.eu

New partners:



Website: www.klimabuendnis.at E-mail: office@klimabuendnis.at



City of Zagreb Website: www.zagreb.hr E-mail: maja.sunjic@zagreb.hr



Cyprus Energy Agency (CEA) Website: www.cea.org.cy E-mail: info@cea.org.cy



Energy Agency of Vysocina (EAV) Website: www.eav.cz E-mail: eav@eav.cz

TOP-ENVI Tech Brno Website: www.topenvi.cz E-mail: info@topenvi.cz

> Florence Energy Agency Website: www.firenzenergia.it E-mail: info@firenzenergia.it



Riga Managers School (RMS) Website: www.rms.lv E-mail: rms@rms.lv

KREA Kaunas Regional Energy Agency (KREA) Website: www.krea.lt E-mail: info@krea.lt

DIPUTACIÓN Huelva Provincial Council (DIHU) Website: www.diphuelva.es E-mail: macevedo@diphuelva.org

The "EURONET 50/50 MAX" network map



Join the 50/50 Network of energy-saving schools and other public buildings!

To receive more information about the project you can contact us at euronet@diba.cat or visit the EURONET 50/50 MAX project website:

www.euronet50-50max.eu



co-funded by the Intelligent Energy Europe e of the European Unic

The sole responsibility for the content of this website lies with the authors. It does not necessarily reflect the opinion of the European Union. Neither the EACI nor the European Commission are responsible for any use that may be made of the information contained therein.

Newsletter nº 1/2014