

#### About us:

Ecoclub, registered in 1998, is a non-profit ecological NGO based in the city of Rivne, Ukraine. The vision of this organisation is to strengthen the role of energy efficiency and renewable sources of energy in policy and education, informing the public about the dangers of nuclear power and working towards increasing energy security, reducing greenhouse emissions and eradicating fuel poverty in Ukraine.

#### **Ecoclub's Activities and achievements in 2009:**

Building capacities of Ukrainian experts and activists in evaluation and implementation of energy saving measures in residential buildings – from energy policy formulation to addressing fuel poverty among marginalized people

In the first half of the year a significant part of Ecoclub's work was dedicated to this project. In particular expertise was exchanged between Czech and Ukrainian Experts in the form of an intensive three day workshop in Brno, Czech Republic. After the know-how transfer a study was conducted on the potential of energy saving in residential buildings in the city of Lviv, Ukraine. During the preparations for this study data was collected from over 9000 buildings. We only had complete data on buildings built after 1945, so it was decided to carry out the study on these. The total number was more than 2500.

The main results of this study are:

- Heat consumption in Lviv multi apartment buildings can be halved using technologies and materials which already exist on the Ukrainian market. Halving the heat consumption means burning 50 million cubic meters of gas less each year and 100 thousand tons of carbon dioxide emission less per year.
- Necessary investments range from 350 million Euros to 623 million Euros during the period 2010 - 2050.
- The main obstacles in improving the efficiency of heating lie in legislation, rather than in lack of financing.

Link to a press release on the study:

http://ecoclub.ukrwest.net/complete\_new/en/80

Full text of the study (Ukrainian only)

http://ecoclub.ukrwest.net/files/EE\_lviv.pdf

The study was presented in the main hall of the Lviv City Council, on October, 18-20, 2009. The main aim of the event was to present the results of the study and to discuss possible ways of reaching said potential with experts, politicians and business men.

The presentation received very good media coverage. There were at least 20 publications in newspapers and 3 television interviews.



#### Sustainable Energy for Sustainable Development

In 2009 Ecoclub participated in an international project, financed by the Slovenian government, called ,Sustainable Energy for Sustainable Development'. In this international project NGOs from Slovenia, Macedonia, Bosnia and Herzegovina and Ukraine were included.

Editing and printing of the booklet "Practical measures of energy saving and its benefits in state-funded institutions"

Based on last year's publication and adding new experience, the second edition was published. It includes general information about possible funding mechanisms of EE measures in state-funded institutions. Also information about ventilation problems with newly installed double-glazed windows was added. The brochure was newly designed.

Editing and printing of the booklet "What is energy and how to save it? Simple tips for kids."

Ecoclub published another booklet intended for pupils of primary school age, which was presented at a meeting with teachers. The contents are in simple form with illustrations explaining the main ideas of EE. The booklet shows exercises that will help kids learn the material submitted. All schools in the area were provided with several copies.

<u>Translation and dissemination of the Overview of EU's and Slovenia's sustainable energy policies (Energy Efficiency and Renewable Energy Sources)</u>

NGO Focus prepared a review of sustainable energy policies. This document was translated by Ecoclub and distributed to the Ministry of Fuel and Energy of Ukraine, the National Agency

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Booklet "What is energy and how to save it? Simple tips for kids."

of Ukraine for Efficient Use of Energy Resources, and Lviv and Rivne city councils. The document is one of very few publications in Ukrainian on the environmental policy in the EU.

Everyone who is interested can view all three articles on the Ecoclub homepage (in Ukrainian): http://ecoclub.ukrwest.net/files/childr.pdf http://ecoclub.ukrwest.net/files/susene\_ukr.pdf http://ecoclub.ukrwest.net/files/EE\_budg.pdf

Meeting with the heads of district education department and teachers

With the support of the Regional Department of Education, Ecoclub organized a meeting with teachers and representatives of the district department of education. The meeting was held at the Center "Peculiar Child", where a windows insulation project was carried out in 2008. During the meeting, the following topics were illuminated:



- Relationship of climate change, environmental protection and energy consumption
- · Opportunities in state-funded institutions and ways of financing
- Presentation of the booklet "What is energy and how to save it? Simple tips for kids"

#### Web-debate on sustainable energy

A web-debate on sustainable energy was conducted with the participation of experts and officials from Slovenia, Bosnia-Herzegovina, Macedonia and Ukraine. Ecoclub attracted Ms. Julia Ibragimova, expert of the Ministry of Fuel and Energy of Ukraine to the debate. In addition, invitations to the debate were sent through the four major Russian and Ukrainian NGO mailing lists.

#### **Energy Advice Center**

Throughout the past years Ecoclub has been running an Energy Advice Center (EAC), where free advice is given to local people about possible ways to achieve and implement low-cost energy efficiency methods and techniques.

Unfortunately the amount of requests for advice did not increase this year. The EAC answered 64 requests for advice in the course of 2009. The most frequent questions were about windows insulation and heat consumption. Also questions about relations between customers and public utility companies were quite frequent.

Throughout the year we continued to distribute our leaflets with abbreviated short advices and the EAC contact details. Most of them were distributed during short term street actions, which evoked an increased interest from people. Such activities will continue to be carried out next year.

We inform about the EAC in each of our publications and recount about it on every public event.

### **Ecoclub joined the European Eco-design cyberaction.**

Natuur en Milieu, a Dutch environmental NGO, together with the Dutch Consumers Association, started to raise awareness of European consumers about the important role the European Union has to play in greening our production and consumption and stimulating of authorities to play a stronger role in this process. An online webtool was developed which is attractive for consumers and quickly informs them about savings they can make if their appliances are energy-efficient. If they agree with our lobby aim of efficient appliances, they are asked to sign an online petition.

This petition will be submitted to the European and Ukrainian authorities.

It is set up as a game, in which the player has to catch appliances falling from the sky in different colors – some (red ones) will cost you money and CO2, others (green ones) will save you money and CO2. After 60 seconds you recieve results about your savings.

The message then is: do you want all appliances to be efficient? Sign here! After signing, more information can be received about the policymaking process. It is also possible to sign without playing the game.

Ecoclub translated the game and published on its website http://ecoclub.ukrwest.net/game.html and has started the promotional campaign of the game.



### The informational tour "Climate is changing, time to act!"

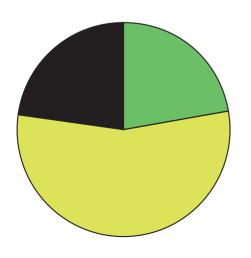
In October 2009 Ecoclub was one of the hosting organizations of the informational tour "Climate is changing, time to act!". The tour was carried out in several Ukrainian cities in October 2009. The coordinator of the tour was "The Voice of Nature", NGO. During this tour 3000 leaflets about the EAC were distributed and 15 advices were given. This event was mentioned twice on television and three articles were published about it.



WWF Climate Truck and interested citizens of Rivne at the informational tour "Climate is changing, time to act!"



Ecoclub/FY 2009		
Budget line	Amount in EUR	
Office		
Office and technical equipment	2893	
Rent, cleaning, maintenance	2468	
Telecommunication and administrative costs	2003	
Literature	6	
Travel costs	520	
Personnel		
Coordinator 1	5784	
Coordinator 2	4923	
Bookkeeper	1691	
Social remuneration	5503	
Fee for experts, designer, proof-reader	1247	
Other expenses		
Publication of 3 brochures	3495	
Seminar for representatives of schools	122	
Meeting in Lviv	120	
Residence and meals in Lviv	1603	
Travel costs (Slovenia)	1217	
Public relations	273	
Garbage is a resource!	1000	
TOTAL	34868	





Benefactor	Donation in EUR	Project/Cause
Heinrich Boell Foundation	20000	General office and staff support
Cottonwood	1000	Garbage is a resource!
East East: Partnership Bey- ond Borders Program	5865	Building capacities of Ukrainian experts and activists in evaluation and implementation of energy saving measures in resi- dential buildings – from energy policy formulation to addressing fuel poverty among marginalized peo- ple
Focus Association for Sustainable Development	7988	"Sustainable development for a sustainable future"
Voice of Nature	156	Informational Tour "Cli- mate is changing. Time to act!"

