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Promoting Energy efficiency to Local Organisations
through dissemination Partnerships in Europe
Best Actions for Collaboration in Countries
for a High efficient Use of energy in Structural funds

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Tools for Thermal Refurbishment for CEE and EU Countries - - Poland

(project supported by SAVE)

The project aims to decrease the energy consumption in building sector through creation of computer and internet tools stimulating thermal refurbishment investments.

Target Groups	Sector	Field
<ul style="list-style-type: none"> - Local authority - Decision makers - Domestic consumers 	<ul style="list-style-type: none"> - Buildings (including municipal properties) 	<ul style="list-style-type: none"> - Equipment / appliances - Monitoring & Management

ANALYSIS

BACKGROUND

The necessity to implement a wide range of activities in the field of thermal refurbishment became evident because of many years of carelessness in energy efficiency field in Central and Eastern European Countries. It seems reasonable to help those who would like to make investments in thermal refurbishment or inform those who are not aware of possibilities of new technologies and products in the thermal refurbishment field. The best method to realise such a challenge is to prepare a tool that will be available via internet and that will help by presentation of possibilities and facilitate decision making process.

IDENTIFIED PROBLEM

- Not sufficient information on possibilities of investments in thermal refurbishment
- To stimulate economies
- To show market possibilities to end users and consumers
- To stimulate European co-operation between companies

BENEFICIARIES

Tools for thermal refurbishment work for various levels and to the benefit of a number of stakeholder groups.

Potential users of the database are:

- House owners (private houses and public buildings)
- Investors
- Architects and construction engineers
- Contractors
- Energy auditors.

SOLUTION

We created computer database on thermal refurbishment:

- Products available on the market
- Producers
- Financing institutions

Software:

- E-manager - assessment of building in terms of use of energy, comparison with other buildings possible
- EnEco - tool for calculation of ecological effect

Website of thermal refurbishment:

- Description of technologies
- Description of financing methods

Internet conference

DATA BASE OF PRODUCTS

Products data base is a tool that helps to find the suitable partner for collaboration (if one is a producer or distributor for the building market) or to find optimal (price to benefit relation) if you are a building owner or administrator interested in thermal modernisation investment, without leaving the web.

First of all we hope that easy access to the information of producers will facilitate contacts with them by interested parties. People will be able to contact different producers from different parts of Poland and also other countries and ask for the offer and price. They will be able to compare the data and choose option most suitable for them.

The product service facilitates quick access to information on possible products on thermal refurbishment market. It lists all names of available in the market products by listing them.

After choosing a category the system searches for producers of the product.

For example you may find producers of windows (all window producers) or you may specify wooden windows and search only for those who manufacture wooden windows.

Search results include following information:

1. Full name of the firm and short name
2. Address
3. Phone and fax numbers
4. Internet address (if available)

Unfortunately many companies in NAS don't have web sites, especially it considers SMEs. We also would like to convince them that internet access and company site in the web is essential tool.

5. E-mail address if available
6. All their product assortment
7. Links to their web sites.

PRODUCERS DATA BASE

It occurs very often that we do not remember the name of the firm exactly and thus are not able to contact them. The second data base helps to identify partner/producer if someone knows only name or remembers only part of the name or even several characters of the name.

FINANCING INSTITUTIONS DATA BASE

The data base contains information on banks, ESCO's, and other financing thermal modernisation loans institutions.

It is a listing of official contact points for information, advice or assistance on thermal refurbishment grants (for Poland).

ENERGY AUDITORS DATA BASE

The data base is a simple listing of energy auditors. This data base exists only in Polish language version of data base as energy audit is required by Polish law to obtain an thermal refurbishment premium for investment. So we considered this information very useful for potential investors.

COST AND BENEFITS

BENEFITS

The benefits identified to all the stakeholder groups are:

- The project is helping familiarise all groups with possibilities that thermal refurbishment market opens for them
- The project is helping potential customers to articulate their needs and expectations in the field of thermal refurbishment
- The project is also assisting industry to increase their production in indirect way by increase in interest of their products
- The project as a long term result helps to pay lower bills for energy and allows to reduce emissions of green house gas
- The project is helping to define investment opportunities that satisfy both their own needs and at the same time helps fulfilling countries climate change obligations in an international setting.

SOCIAL BENEFIT

Social benefits are obvious as more and more people become aware of requirements of environment protection.

ENERGY SAVED

It is difficult to give a simple answer on energy saved in this project as it was not an investment project. We created tools that might be helpful and facilitating planning investments in thermal refurbishment.



FRONT PAGE OF THE PROJECT



PROJECT PARTNERS

PARTNERSHIP

BUILDING COMMUNITIES - A GOOD PARTNER

We are going to co-operate with regional housing communities and local authorities to propagate the use of the software (data base for building assessment) in Poland. This tool should be used by building owners for collecting and comparison information about building from different years (energy, water consumption, costs related to energy and water use). It will result in optimal decisions regarding expenditures.

RECOMMENDATIONS

DEPLOYMENT OF THE PROJECT

Project should be used as a tool for encouraging local authorities to invest in thermal refurbishment in buildings they owe. There is also a possibility to establish a system of management of public buildings.

FUTURE ACTIVITIES

Future activities are connected with further development of the project beyond the framework of the project:

- Further co-operation with producers in the scope of updating the data base
- Co-operation with public buildings' owners regarding thermal refurbishment investments and putting information of the building into the data base of buildings before and after thermal modernisation

TO KNOW MORE

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Website : <http://kape.gov.pl>

USEFUL INFORMATION

List of Internet sites

[Project internet site / http://www.kape.gov.pl/EN/index.phtml](http://www.kape.gov.pl/EN/index.phtml)

THIS CASE HAS BEEN REALISED BY

Organisation : [The Polish National Energy Conservation Agency](#) E-mail : abuczowska@kape.gov.pl Internet : <http://www.kape.gov.pl> Published : 31/7/2002

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