



SHARE

Social Housing Action to Reduce Energy Consumption

Sofia Energy Centre - Energy Advice Services Plan

Deliverable 4.5

Introduction

In Bulgaria energy advices are delivered mainly to clients from the industry sector and for big public buildings. Advices to households are given mainly through leaflets and brochures. At building refurbishment the clients rely on the advices of sellers of insulation materials, windows and heating installations. These advices usually are oriented towards selling more products than to give the best solution to the energy problems. The implementation of an awareness campaign supported by development and delivery of energy advice services to social housing residents is a quite new challenge for Bulgaria. This energy advice services for social housing residents is a support to the awareness campaign. The aim of the energy advice services is to lead to a reduction of the energy consumption in social housings.

Scope of Advice

Advice will cover the following;

- 1) Heating systems and controls
- 2) Condensation
- 3) Draught proofing
- 4) Energy efficient appliances
- 5) Low or no cost ways to save energy and water
- 6) How to handle outstanding energy debts
- 7) Insulation measures
- 8) Renewable technologies
- 9) Financial schemes for refurbishment

Delivery of advice

Taking into account that this activity is quite new for Bulgaria, Sofia Energy Centre will deliver advice through home visits and at seminars, presentations and training sessions to our target group. Some of the home visits will be connected to the visits under the ISEES project, which is oriented towards user behaviour in social housings. In the frame of the ISEES project were involved the owners and tenants of social housings in 3 multi-family buildings. We expect to increase their interest to the problems of energy saving in buildings and that they will share their experience with other people.

Home visits

Home visits are foreseen for people already involved in another IEE project ISEES. The aim of these visits is to increase the interest of the residents in the possibilities for energy saving in their home and through them to contact other people.

Home visits will include assessment of the energy qualities of the building including thermal insulation and heating system. Check of heating system control. Advices will be given also for:

- Efficient use of appliances
- Energy qualities of appliances
- Improvement of draught proofing
- Possible implementation of solar collectors for hot water
- Possible financial schemes for refurbishment of the building
- How to save water.

Seminars, presentations and training sessions to residents


These events presents a good opportunity to reach residents of social housings and to discuss different issues of energy saving. Advice will be given one to one or to several people that live in the same building and face the same problems. Advices will be given before the start of, and after the end of; resident's meetings, seminars, presentations

and training sessions. Ample time (20 minutes or so) will be given before and after these events to allow the advice to be given on a one to one confidential basis or to a group of people.

Deliverers of advice

Advice will be delivered by experts from Sofia Energy Centre, from municipalities and independent experts. All these experts are trained in energy efficiency in buildings issues.

Evelina Stoykova SEC June 2006

		<h2>Advice Form</h2>	
Name of advisor			
Date			
Name			
Address			
Owner occupied/ municipality rented/ private rented			
Clients enquiry			
Advice checklist			
Heating control (district heating)		Doors and windows	
Use and understanding of thermostatic valve		Are they draught proofed?	
Understanding of bills		Thick curtains?	
Radiators		Curtains closed at dusk?	
Clear of furniture?		Lights	
Curtains not over hanging?		CFLs in home?	
Radiators panels?		Condensation	
Radiators shelves?		Extractor fan in kitchen?	
Advice about appliances		Extractor fan in bathroom?	
Turning off appliances?		Proper ventilation?	
Advice about chargers?		Insulation	
Energy labelling?		Current thermal insulation (mm)	
Laundry & washing advice		Advice for insulation (mm)	
Use of suitable temperature		Possibilities for financing of refurbishment	
Tap running/dripping?		Grant	
Shower v bath?		Soft loan	