



General information

Building owner	Iveagh Trust
Address	Mount Anthony, Rathmines, Dublin 6
Total heated floor area	1242m ² after refurbishment(including addition of upper floor)
Year of construction	-
Year of refurbishment	2005

Initial situation

- Conditions were poor in terms of thermal comfort
- windows were single glazed
- walls were not insulated, with risk of condensation
- Little to no roof insulation

Innovative financing model

Funding was granted through the Capital Loan and subsidy scheme which is funded by the Department of Government & Local Government. While this loan is normally for the construction of new housing, the Iveagh Trust secured funding for Mount Anthony, as new units were provided through the addition of an upper floor and also some units increased their floor area and therefore were also considered as new units.

Contact

Codema
Unit 50, Guinness Enterprise Centre
Taylor's lane, Dublin 8
Phone: +353-1-4100-659
mailto: edel.giltenane@codema.ie

Sustainable Energy Ireland
Glasnevin, Dublin 9

Phone: +353-1-8369080
mailto: info@sei.ie



Good practice: financing example "Mount Anthony"

Energy related activities

- Building shape**
- double glazed windows
 - dryline external walls with 72.5mm Thermawall (lamada value of 0.025W/mK)
 - addition of extra floor allows for better insulated roof (200mm fibreglass at ceiling plus 500mm on slope)
- Other activities**
- CFC & HCFC free materials

Solar system N/A

Energy related indicators	Initial situation	After refurbishment	Reduction
Energy performance	310.28 kWh/m ² a	167.91 kWh/m ² a	44%
Energy consumption	197,090 kWh/a	122,221 kWh/a	38%
CO2 - emission	61.395Kg/m ² /yr	33.22 Kg/m ² /yr	46%
Heating system	gas boiler, efficiency unknown (<70%)	gas boiler Potterton Suprima (79% efficiency)	
DHW - system	gas & electricity	gas & electricity	
Monitoring system	No monitoring in place	No monitoring in place	

Financial indicators

Energy costs	€17.28/m ² /a (theoretical 2008)	€9.99/m ² /a (theoretical)	42%
Investment costs of the total refurbishment	No information provided		
Investment costs of the energy related refurbishment	No information provided		
Costs per saved kWh	No information provided		

Report of the investment costs

Voluntary housing bodies may apply for financial assistance to provide new self-contained rented accommodation for low income households in need of housing. The financing of the accommodation is to meet the capital cost of providing the dwellings by way of a loan and a subsidy in respect of each qualified household. Rent is related to household income.

The County Council advances a loan to the voluntary body for the construction of the houses. Funding is 100% of the cost.

A rental subsidy recoupable from the Department of Environment and Local Government is paid by the County Council and is a fixed amount per eligible dwelling adjusted each year in line with movements in the Consumer Price Index. This subsidy is paid towards the costs of management and maintenance of the dwellings.

Statement No statement provided

The production of this good practice example is supported by

Intelligent Energy  **Europe**

The sole responsibility for the content of this publication lies with the authors. It does not represent the opinion of the European Communities. The European Commission is not responsible for any use that may be made of the information contained therein.

