Retrofitting Social Housing and Active Preparation for EPBD

This project looked at energy performance certification and asked what it could offer social housing. Using results from pilot projects in six countries RESHAPE aimed to help housing managers with certification, to define strategies for retrofitting and to help them get these issues across to tenants, apartment owners and housing cooperatives. The European Directive on the energy performance of buildings and its focus on energy consumption in dwellings are expected to have a big impact on social housing management and the way managers communicate.

Results

- Studies undertaken on energy quality and retrofitting scenarios in building stocks in six countries.
- Results have confirmed the fact that low income households are highly affected by energy bills as they constitute a large portion of income.
- A toolset for three geographic areas, which included tenants on the communication process, developed to help housing co-operatives and homeowners understand and make use of the energy certificates of their buildings.

Lesson learned

- There have been success stories in renovating social housing stock: but improvements in the organisation of the renovation process and increased understanding of all issues within the social housing organisations would help to increase the number of successes.
- Creative financial tools, whether roof top extensions or solutions from ESCOs can assist social housing organisations in overcoming a key barrier, that is the access to appropriate financing.
- If energy performance certificates are to play a role in the renovation process, there is a need for software tools that support analysis and improvement scenarios as well as the full integration of certification within the renovation planning process.

Partners and coordinator

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Budget

Overall budget: 892.970,00 € (EU contribution: 50,00 %)

Key documents

  PDF 1.97 MB

In brief

Sector: Buildings

Duration: 01/01/2006 to 30/06/2008

Contract number: EISAV/EIE/05/045/2005

Website: http://www.reshape-social-housing.eu

Tags:

- Energy Performance Certificates (EPCs)
- building
- renovation
- social housing

Related projects

- [EPLABEL] A programme to deliver energy certificates for display in public buildings...
- [AVASH] Advanced Ventilation Approaches for Social Housing
- [ENPEREXIST] Applying the EPBD to improve the ENergy PErformance Requirements to...
- [ASIEPI] Assessment and improvement of the EPBD Impact (for new buildings and...
- [BESTFAÇADE] Best Practice for Double Skin Facades
- [BUILDINGADVENT] Building Advanced Ventilation Technological examples to demonstrate...
- [CEPH] Certified European Passive House Designer
- [CHECKITOUT] Check and improve the energy performance of schools and disseminate best...
Collecting data from energy certification to monitor performance...

Comfort monitoring for CEN Standard EN15251 linked to EPBD

Communicate Your Buildings Energy Rating

Concerted Action supporting transposition and implementation of Directive...

CONSTRUCTION21 - A EUROPEAN GREEN BUILDING EXCHANGE

Cost Efficient Options and Financing Mechanisms for nearly Zero Energy...

Cost Optimum and Standard Solutions for Maintenance and Management of the...

Development and marketing of integrated concepts for energy efficient and...

Development of an interactive vocational Web training tool for the take-...

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Energy Efficiency Paths in Educational Buildings

Energy efficient Cooling in regions of North and Central Europe

Energy Exploitation and Performance Contracting for Low Income and Social...

Energy Intelligent Education for Retrofitting of Social Houses

Energy Performance Assessment for Existing Non Residential Buildings.

Energy Performance Integration in Corporate Public Real Estate Management

Energy Performance Integration in Social Housing, a strategic approach for...

Energy Saving through promotion of Life Cycle analysis in Building

Energy Savings from Intelligent Metering and Behavioural Change

Energy Strategic Asset Management in Social Housing Operators in Europe

Energy-toolset for improving the energy performance of existing buildings

Environmental Design in University Curricula and Architectural Training in...


European fuel Poverty and Energy Efficiency

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European Network for the Energy Performance Certification of Buildings

European Sustainable Energy Award for Prisons

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Financial and Support Instruments for Fuel Poverty in Social Housing

FRESH – Social Housing comprehEnsive Refurbishment through energy...

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Harmonizing air-conditioning inspection and audit procedures in the...

IMPLEMENT - The EPBD in Action

Improving energy Performance Assessments and Certification schemes by Tests

Improving the Social Dialogue for Energy Efficient Social Housing

Initiative for Low Energy Training in Europe

Innovative Financing of Social Housing Refurbishment in Enlarged Europe

Leading the CEN standards on energy performance of buildings to practice....

Leveraging the GreenBuilding Programme (GBP) to promote energy-efficiency...

Life-Cycle-Cost in the Planning Process. Constructing Energy Efficient...

Magnify success: Extension of the European Energy Trophy competition to 18...
[PASSIVE-ON] Marketable Passive Homes for Winter and Summer Comfort
[IDES-EDU] Master and Post Graduate education and training in multidisciplinary teams...
[NIRSEPES] New Integrated Renovation Strategy to improve Energy PErformance of Social...
[NZB2021] NZB2021 ‘Doors Open Days’ – sharing experiences from low energy buildings...
[FACTOR 4] Programme of actions Factor 4 in existing social housing in Europe
[COOL ROOFS] Promotion of cool roofs in the EU
[PEP] Promotion of European Passive Houses
[NEZER] Promotion of smart and integrated NZEB renovation measures in the European...
[NORTHPASS] Promotion of the Passive House Concept to the North European Building...
[IMMOVALUE] Property valuation, Linking energy efficiency of buildings and property...
[RE-CO] Re-Commissioning – Raising Energy Performance in Existing Non-Residential...
[REPUBLIC ZEB] Refurbishment of the Public building stock towards nZEB
[REQUEST2ACTION] Removing barriers to low carbon retrofit by improving access to data and...
[REQUEST] Renovation through Quality supply chains and Energy Performance...
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[KEEPCOOL] Service Buildings Keep Cool: Promotion of "sustainable cooling"
[SMART-E BUILDINGS] Smart-e buildings - yes we canEnable the building sector to contribute to...
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[REE TROFIT] Training on Renewable Energy solutions and energy Efficiency in...
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