

GENERAL INFORMATION		N. 1
Project – Programme IEE- intelligent Energy Europe EIE/05/217/SI2.420182	Project Title WISE-PLANS, cooperation between Communities for Energy Action Plans General guidelines on developing and adopting Sustainable Energy Action Plans (SEAPs)	Date 2007
Authors Parco lombardo Della Valle del Ticino Fundación Doñana 21 City and County of Swansea Skellefteå Kraft	Nation Italy, Spain, Sweden, U.K.	
Level intervention <input type="checkbox"/> Building <input type="checkbox"/> Building/Community <input checked="" type="checkbox"/> Community	Application scala <input type="checkbox"/> National <input checked="" type="checkbox"/> European	
Summary The report provides guidelines for Communities that want to undertake the development of Energy Plans. This methodology has been defined and tested by the Communities participating in the WISE-Plans project (Parco del Ticino, Swansea Community, Doñana Community, Skelleftea Community). The report outlines the general approach to be adopted for the development of SEAPs, it sets the procedures useful for the description of the community in terms of population and infrastructures, the production and use of energy, relevant geographical features etc., discusses the methods and opportunities for improvements, institutional barriers overcome, best options and actions, it refers to the adoption of planned actions by Communities, which involves identification of possible funds and of responsible bodies for the implementation. The report on the description of the participating Communities provides the complete logical framework that has been followed to develop the SEAP, from conceptualization to adoption, passing through analysis of the community, discussion with stakeholders and iterative refinement of objectives and actions.		
Web site www.wiseplans.eu		

GENERAL INFORMATION		N. 2
<p>Project – Programme IEE – intelligent Energy Europe EIHOR/EIE/05/125/2005</p>	<p>Project Title SECURE - Sustainable Energy Communities in Urban Areas in Europe Finding Your Way to Energy Actions - Guidelines for Communities on How to Set an Energy Action Plan</p>	<p>Date 01/01/2006-01/01/2008</p>
<p>Authors Jeanette Green, Ivana Kildsgaard, Anna Jarnehammar, Åke Iverfeldt, IVL Swedish Environmental institute Joy Hayden, Codema Dagmar Gormsen, Environmental Department, Malmö Jens Lunding, Teknik Rådgivning Hilleröd kommune</p>	<p>Nation Sweden, Denmark, Ireland and Estonia</p>	
<p>Level intervention <input type="checkbox"/> Building <input type="checkbox"/> Building/Community <input checked="" type="checkbox"/> Community</p>	<p>Application scala <input checked="" type="checkbox"/> National <input checked="" type="checkbox"/> European</p>	
<p>Summary The purpose of the rapport has been to give help and give inspiration to the municipalities on how to create an Energy Action Plan. The Rapport contains descriptions on; the Design Process, how to form an energy partnership, communication strategies and what topics that should be included in the energy plan. (It is possible to download the Sustainable energy action plans and energy partnerships that were created in the Secure project (Dublin, Hillerød, Malmö and Tallinn)).</p>		
<p>Web site www.secureproject.org</p>		

GENERAL INFORMATION		N. 3
Project – Programme 6 th Framework Programme	Project Title DEMOHOUSE- Design and Management Options for Improving the Energy Performance of Housing Barriers of sustainable and energy conscious renovation related to the pilot projects	Date 2007
Authors Károly Matolcsy, Zsuzsa Szalay (EMI), Hungary	Nation Pilot project: Bilbao, Basque country, Spain	
Level intervention <input checked="" type="checkbox"/> Building <input type="checkbox"/> Building/Community <input type="checkbox"/> Community	Application scala <input type="checkbox"/> National <input checked="" type="checkbox"/> European	
Summary <p>The EU supported project DEMOHOUSE aims at demonstrating the potential of energy saving and environmental improvement in the renovation of residential buildings. In order to achieve this goal different buildings in different European countries (Denmark, Austria, Greece, Spain and Hungary) have been renovated under sustainable criteria. The Spanish pilot project is a very old building located in a historical area of Bilbao and constructed in the early 20th century; therefore many technical difficulties arose during the renovation process due to lack of information about the original construction, loading capacity of the frame, preservation of external façades, limited space availability for new installations (ducting, fans,...), etc.</p> <p>Refurbishment works were carried out floor by floor. The structure was reinforced, as well as the facades, but the whole internal layout was renewed. Although exploratory studies were carried out prior to reinforcement; many unexpected problems have been detected in the framework, which have been solved as the works went along. This was particularly critical in the foundations of the building. Consequently a special attention was paid during the works and a supporting steel structure was constructed to reinforce the original wooden frame.</p> <p>The implementation of sustainable measures in renovation activities requires a completely different approach from new buildings, adapting the solutions to the constrictions of the building (architectonic, technical, etc.). This is especially crucial in buildings located in historical areas, where other additional criteria must be considered, such as aesthetical aspects that must be preserved (e.g. not invasive elements for the aesthetics of the façades and even of the roof). That was the case of the Spanish pilot project, where thermal insulation was based in internal solutions to avoid changes in external façades of the building.</p> <p>Concerning the social aspects, the Spanish renovation project is encouraged by the local authorities, with the intention of being an example for future similar renovations in Bilbao. The building is located in a degraded area, where the Bilbao Council is trying to develop and reactivate socio-economically. Thus the pilot building, further than being only a model for sustainable measures implementation, it is planned to be occupied by low-income young people (supported with subsidies) aiming a social regeneration of the neighbourhood through the integration of new inhabitants not belonging to discriminated social groups.</p>		
Web site www.demohouse.net		

GENERAL INFORMATION		N. 4
Project – Programme RESHAPE	Project Title Retrofitting Social Housing and Active Preparation	Date 01/2006 - 07/2008
Authors Project Co-ordinator: Ecofys Contact: Mr. F.T.S. Zegers, Manager f.zegers@ecofys.nl	Nations Pilot Countries: The Netherlands, Belgium, Spain, Estonia, The Czech Republic and Bulgaria.	
Level intervention <input type="checkbox"/> Building <input checked="" type="checkbox"/> Building/Community <input type="checkbox"/> Community	Application scala <input checked="" type="checkbox"/> National <input checked="" type="checkbox"/> European	
Summary <p>The project Retrofitting Social Housing and Active Preparation for EPBD (RESHAPE) is co-funded by the European Union under the Intelligent Energy-Europe Programme. RESHAPE is a common action of ten partners united in a consortium and co-ordinated by Ecofys (The Netherlands). It started in January 2006, with a duration of 30 months. The project intends to contribute to the implementation of the EU Directive on the Energy Performance of Buildings (EPBD) and covers six pilot countries: The Netherlands, Belgium, Spain, Estonia, Czech Republic and Bulgaria. Through dissemination activities the project target area will be enlarged with Greece and Romania.</p> <p>RESHAPE aims to overcome barriers for refurbishment in social housing and increase awareness of renovation possibilities and practices amongst tenants and social housing actors. The project will develop a tool for retrofitting strategies, taking into consideration building practice, policy framework as well as legal and financial complications. RESHAPE aims to build up an inventory of barriers to renovation, and best practice solutions. A transnational exchange of ideas and solutions is necessary to help achieve this. RESHAPE will also develop retrofitting scenarios, and policy papers which address framework barriers. The results will be disseminated on a national and European level.</p> <p>A direct outcome of the RESHAPE project will be an overview of the energetic quality of (partner) building stocks in 6 countries: The Netherlands, Belgium, Spain, Estonia, Czech Republic and Bulgaria. There will be a transnational overview on integration of energy performance certification (EPC) in operational and communication processes of housing actors based on plans made in the six pilot countries. EPC building stock assessments/data bases will be tested as management tools for developing retrofitting strategies. Toolsets (guidelines, training materials for capacity building, best practice examples) will be developed for 3 geographic areas: West-Europe, South-Europe and East-Europe. Social housing actors throughout the EU will be made aware of the project results and the opportunities they offer for contributing to the renovation of social housing, causing a change in their awareness and attitude towards refurbishment solutions.</p> <p>The target actors will include Social Housing Stakeholders (housing associations, housing co-operatives, federations of social housing actors); National agencies, regional agencies, and municipalities. Building construction and financial sectors will also be targeted to affect their goals and operational processes.</p>		
Web site www.reshape-social-housing.eu/		

GENERAL INFORMATION		N. 5
Project – Programme Intelligent Energy Europe Programme of the European Commission	Project Title "Tools and methods for linking EPBD and continuous commissioning" BuildingEQ	Date January 2007 - December 2009
Authors Fraunhofer Institute for Solar Energy Systems – project coordinator; CIT Energy Management AB; Energieagentur Regio Freiburg GmbH; Ennovatis GmbH; Politecnico di Milano, Dipartimento di Energia; Insinööritoimisto Olof Granlund Oy		Nation 7 participating partners from 4 countries: Germany, Italy, Sweden and Finland.
Level intervention <input type="checkbox"/> Building <input type="checkbox"/> Building/Community <input type="checkbox"/> Community		Application scala <input type="checkbox"/> National <input type="checkbox"/> European
<p>Summary</p> <p>The most important outcome of BuildingEQ is a clearly documented method for the cost effective continuous evaluation of building performance, which is designed to be used in connection with the EPBD /the Energy Performance of Building Directive/ and applicable for non-residential buildings. The developed „Guidelines for the Evaluation of Building Performance“ as a project result is an usefull tool comprised low cost monitoring, databases for stock and metering data, building models for calculation of optimal performance values and evaluation methods. The tool is implemented in at least 12 demonstration buildings. During the monitor phase of about 18 months it will be validated and improved.</p> <p>Furthermore the method will be implemented in the demonstration buildings of the different countries with the aim to reach an overall energy saving of 20% by enhancing the building operation. Another major outcome will be the increased awareness of real estate owners like municipalities, the industry for Energy Management and Facility Management Systems, planners and energy consultants for the need and cost of continuous evaluation of building performance.</p>		
<p>Web site http://www.buildingeq-online.net</p>		

GENERAL INFORMATION		N. 6
Project – Programme IEE- intelligent Energy Europe EISAS/EIE/06/141/2006	Project Title INNOVATIVE THINKING Actions and Strategies for Sustainable Growth through Community Networking and Innovative Thinking	Date 01/12/2006 - 31/05/2009
Authors Dals-Eds Kommun, Sweden	Nation Italy, Spain, Sweden, U.K., Bulgaria, Latvia, Netherlands	
Level intervention <input type="checkbox"/> Building <input type="checkbox"/> Building/Community <input checked="" type="checkbox"/> Community	Application scala <input type="checkbox"/> National <input checked="" type="checkbox"/> European	
Summary <p>This project focused on the process and on making a joint commitment in the community, in order to establish long-term sustainable development of the community towards an energy efficient and renewable energy (including transport) dedicated community striving towards reduced dependence on fossil fuels. Building a sustainable future needs involvement of both politicians and decision-makers, as well as community market actors, utilities, key energy users in the community, consultants etc. Thus involving all these people necessarily needs a focus on the <i>process</i> and a process like this takes time. The aim of the project was to establish and implement an action plan in each community as a joint agreed document with key community stakeholders, such as utilities, buildings owners, transport companies, the municipal/district council and NGOs, as well as politically accepted in the community. This included concrete actions, such as investment plans, as well as plans and actions for information and training. The strategy documents and action plans that were agreed upon, were based on the actual RES/RUE status and possibilities per participating community. the Booklet 'Lessons learned' - 64 pages with experience, good examples and ideas – contains best practices and guidelines on the community involvement.</p>		
Web site http://innovativethinking.eu/		

GENERAL INFORMATION		N. 7
Project – Programme Intelligent Energy Europe Programme of the European Commission	Project Title „Integrated Energy Retrofitting in Buildings” (INTEREB)	Date 2003
Authors Associazione Rete di Punti Energia (Punti Energia) - Italy (co-ordinator) Rhônealpeénergie-Environnement (RAEE) – France (partner) Energy Agency of Plovdiv (EAP) – Bulgaria (partner) Krajowa Agencja Poszanowania Energii S.A (KAPE S.A.) – Poland (partner)		Nation Italy Bulgaria France Poland
Level intervention <input type="checkbox"/> Building <input type="checkbox"/> Building/Community <input type="checkbox"/> Community		Application scala <input type="checkbox"/> National <input type="checkbox"/> European
Summary <p>The “Integrated Energy Retrofitting in Buildings” (INTEREB) project aims to define, through planning tools and guidelines, procedures for promoting energy retrofitting measures within standard building renovation processes so as to bring energy efficiency standards of old buildings to approach, in a cost-effective manner, those of new buildings. The outcomes of INTEREB are primarily geared to Local Authorities and the use of the developed methodology will allow to assess quite easily the energy saving potential of a certain building stock and help take action for a local planning strategy that will integrate energy requirements-recommendations into housing refurbishment processes and foresee a correct allocation of financial resources, within a supportive legal and institutional framework.</p> <p>The elaborated “Integrated Energy Retrofitting in Buildings” Guidebook by the project partners includes:</p> <ul style="list-style-type: none"> Analysis of the national framework context of the residential sector in Bulgaria, Poland, Italy and France; Development and adaption the INTEREB methodology to the national context of Bulgaria, Poland, Italy and France; Selection the sample case-studies upon which the methodology for the evaluation of the potential energy savings in building renovation will be applied; Testing the INTEREB methodology for energy savings potential and investment assessment of implementation of energy efficiency interventions; Proposing the strategies for energy renovation of residential buildings <p>Guidelines with software in different languages that harmonized the standards and norms in the field of energy performance of buildings through international co-operation and pre-accession activities could be an usefull tool for</p>		

refitting procedures of historical buildings.

Web site

http://eap-save.eu/msp/indexeng.php?id_page=35