



CIB NEWS ARTICLE

International Council for Research and Innovation
in Building and Construction

Providing a global network for international exchange and cooperation in research and innovation in building and construction, in support of an improved building process and of improved performance of the built environment.

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Programmes



The Ecobuildings cluster supports the development and the dissemination of new approaches to sustainable and energy-efficient buildings, their design, construction and operation both in new and refurbished form. It also analyzes demonstration projects in order to support legislative and regulatory measures for energy efficiency and the intensified use of renewable energy solutions within the building sector.

The Ecobuilding cluster consists of three projects being performed by three international and interdisciplinary project consortia. This document contains the three newsletters provided by the cluster projects.



INTECO BUILD identifies best practice models and provides an overview of energy efficiency rules and regulations in several European countries. It also studies measures for public acceptance in order finally to develop a code of 'good practice' for implementing energy efficiency schemes.

SMART-ECO provides a long-term vision for sustainable buildings and evaluates innovations and technologies with a view to establishing implementation strategies and analyzing user requirements.



ECO-BUILD analyzes the effectiveness of policy measures to improve energy efficiency in the building sector. It provides policy recommendations for the formulation of new legislation, incentive schemes and awareness enhancing. www.ecobuild-project.org

The Ecobuildings is supported by the European Commission in the 6th Framework Programme.



INTECO-BUILD stands for INTElligent and ECOlogical BUILDings

The project aims the promotion of utilisation renewable energy together with the efficient management of energy and advanced building design concept, to be well integrated in intelligent ecological buildings.

The project will promote and disseminate the results of technology research and demonstration projects, at least 10 demonstration projects in EU countries, including any already lessons learned concerning the policy and legislative context in which they were implemented.

The purpose of this project is to enable the promotion and dissemination of the international, national and/or other actions in the area of Eco-buildings in order to lead to well integrated and efficient solutions for reducing the dependency of the EU on conventional fuels (by reducing to a minimum the amount of conventional fuel needed for heating, cooling and lightning of the buildings). Also the project aims to asses the potential of using eco-buildings technologies in the EU and ACC countries using the most innovative state of the art technologies in Europe and to promote large scale implementation of eco-buildings technologies

INTECO-BUILD contacts for more information:

- website: www.intecobuild.eu
- 2nd issue of the project Newsletter (see [here](#))
- project contact:
 - Erdal Kabatepe, Merkat Inc., Istanbul, Turkey
 - Tel: +90 212 3244848
 - Email: erka@arkagroup.com

Topics addressed in the 2nd issue of the INTECO-BUILD newsletter include:

- Highlights of the third workshop in October 2008 in Bucharest
- Greenpeace: New global energy strategy tackles climate change
- Guide to EU funding opportunities for research and innovation
- Saving Energy: Houses and Offices



Smart-ECO creates a community for eco-buildings by bringing together experienced organizations that span the full range of stakeholder views. These include universities, R&D organizations, companies that supply and use innovative technologies, consultants, users and governmental driver

bodies. Smart-ECO uses this community to focus on the global issues of sustainable building so that added value can be created for the evaluation of current and future RTD activities. Activities and policies are mapped to ensure even coverage and gaps identified for focussing future efforts. Aspects of sustainable development, life performance, ambient intelligence, and relevant stakeholder concerns are brought to the discussion of innovative technologies and their introduction into the built sector. To achieve the goal, Smart-ECO utilizes a core group that develops proposals able to address the key concerns for consideration by wider stakeholder groups who can refine the strategies for implementation to create smart eco-buildings in the EU. The stakeholder group will be involved throughout the project, and will serve as a reference group vital for the success of Smart-ECO. The project focuses on routes and means that enable the uptake of efficient innovative technologies that in turn enable the building and construction sector to meet the requirements originating from the sustainability concept. The current situation and the vision of a more sustainable built environment sets the frame for the appreciation of the long term effectiveness of Eco-buildings and innovative technologies, especially renewable energy systems. Together, the vision and relevant EC policies serve as a reference framework for the analysis of life performance aspects of innovative technologies applied to realise more energy efficient and more sustainable buildings. The potential results will be evaluated from a range of viewpoints enabling widespread usage and to create a common approach for benchmarking.

Smart-ECO contacts for more information:

- website: www.smart-eco.eu
- 2nd project report (see [here](#))
- project contact:
 - Centre for Built Environment, University of Gävle
 - Wolfram Trinius, wolfram.trinius@hig.se
 - Christer Sjöström christer.sjostrom@hig.se

The 2nd Smart-ECO Report addressed its consensus based Vision and invites everyone interested to share his or her opinion.

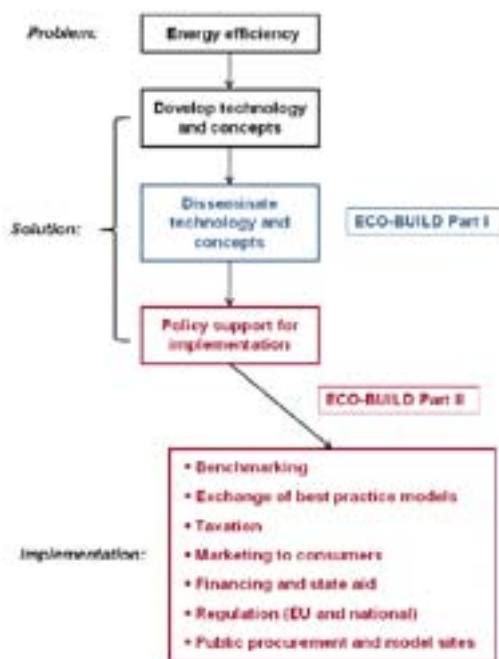


The **ECO-BUILD** project provides policy makers and stakeholders with

- an overview of the internationally most progressive concepts and technologies for eco-buildings,
- best practice solutions for implementing these concepts and
- an assessment of the potential of and problems faced by different sets of policy measures adopted at the European and national levels.

The aim of the project is to work towards a new approach for designing, constructing and operating new and/or refurbished buildings based on the best combination of the double approach: reducing substantially, and, if possible, avoiding the demand for heating, cooling and lighting and supplying the necessary heating, cooling and lighting in the most efficient way and, wherever feasible, based on renewable energy sources and poly-generation. The project goes beyond the requirements of existing legislation and will thus contribute to a further development of regulatory issues in this sector.

The first part of the project focuses on the role of innovative technologies in highly energy-efficient new and refurbished buildings. On its website, the ECO-BUILD project provides an online overview of most currently available concepts and technologies with short descriptions and a wide range of web-links for more in-depth information. The concepts and technologies are organized into eight categories; insulation, ventilation, heating, cooling, control/monitoring systems, building envelope/glazing, lighting and decentralized electricity production.



ECO-BUILD contacts for more information

- website: www.ecobuild-project.org
- 1st project newsletter (see [here](#))
- project contact:
 - Michael Schmidt, ICCR Vienna
 - tel: +43 1 524 1393 126
 - email: m.schmidt@iccr-international.org

The ECO-BUILD 1st Newsletter amongst others addresses:

- Best practice models
- Monitoring of new buildings
- Key to success in refurbishment
- Overview of innovative concept and technologies.

Eco-buildings Meetings and Event

The Ecobuildings cluster organizes a series of expert workshops with stakeholders in the field of energy-efficient and sustainable buildings. Registration for the workshops is free of charge, but due to limited seating capacity early registration is advisable. The next workshop will be:

2nd Ecobuildings Cluster Workshop, 5 – 6 March 2009, Brussels: Visions and Policies for Improving Energy Efficiency in the Building Sector

The second workshop of the Ecobuildings cluster will focus on the effectiveness of concrete policy measures, including the successes and failures of different types of policies in various EU Member States. Broadly speaking, this will include three groups of possible interventions; rules and regulations subsidies and incentives and information and awareness-raising.

Within the framework of the recasting of the European Energy Performance of Buildings Directive it will be important to analyze the experiences with different types of policy measures and their complementarities when implemented packages. The workshop will be attended by approximately 100 policy-makers, researchers and industry representatives. For further information and registration please visit www.ecobuilding-cluster.org.

Ecobuilding Info

Further detailed info on the Ecobuildings cluster can be found at: www.ecobuildings.info

