

## Plug-in to the POWER HOUSE nearly-Zero Energy Challenge!

- Warm/Mediterranean climates
- Cold/Continental climates
- Divided/Cooperative ownership
- Financing EE & RES
- Policy Support
- ICT applications
- Building Stock & Urban dimension
- Professionals Coordination
- Raising Awareness & Users' Behaviour

## NorthPass - Promotion of the Very Low Energy House Concept to the North European Building Market



**Project timeline:** May 2009 - May 2012

**Programme:** Intelligent Energy Europe

**Website:** [www.northpass.ivl.se](http://www.northpass.ivl.se)

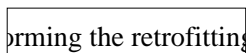
**Description:** NorthPass project aimed at promoting the very low-energy house concept in the North European building market, focusing on new residential buildings. In order to do so, project partners defined very-low energy house criteria and concept adapted to the North European countries and identified solutions to remove market barriers and the gap between demonstration and broad market penetration in order to support the implementation of the EU's strategy on very low-energy buildings.

**Housing Federation(s)/Organisation(s) involved:** none

### Resources and Case studies produced in the framework of the NorthPass project:

- Barriers to implementation of Very Low-Energy House Concepts and how to overcome them
- Principles of Very Low-Energy House and their applicability throughout the EU
- Very Low-Energy House Concepts in North European Countries
- National Roadmaps for promotion of Very Low-Energy House Concepts
- Final Report

## E2ReBuild - Transforming the retrofitting construction sector



**Project timeline:** June 2009 - May 2012

**Programme:** FP7 - EeB.NMP

**Website:** [www.e2rebuild.eu](http://www.e2rebuild.eu)

**Description:** E2ReBuild project aimed at providing best practice examples of retrofitting strategies for

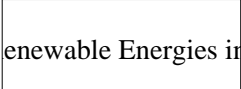
residential buildings in cold climates by covering different building typologies representative for northern European countries. These solutions focused on industrial manufacturing methods for e.g., facade elements and standardised retrofit measures that allow a high replication potential.

**Housing Federation(s)/Organisation(s) involved:** Gallions Housing Association (UK) - Aramis AlleeWonen (The Netherlands) - GWG München (Germany) - Wohnungsbaugesellschaft der Stadt Augsburg GmbH (Germany) - Opac38 (France)

**Resources and Case studies produced in the framework of the E2ReBuild project:**

- Guidelines to Off-site Production / On-site Assembly and Logistics
- Guidelines to End-users/Tenants
- Guidelines to Operators

## **ENERBUILD - Energy Efficiency and Renewable Energies in the Building Sector in the Alpine Space**

 **Project timeline:** July 2009 - June 2012  
**Programme:** Alpine Space

**Website:** [www.enerbuild.eu](http://www.enerbuild.eu)

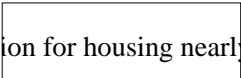
**Description:** ENERBUILD project focused on strengthening SMEs in the building sector because of their great importance as employers in Alpine valleys. The project also analysed new developments concerning building techniques for energy saving and explored the features and the opportunity offered by energy-efficient construction reaching passive house standards.

**Housing Federation(s)/Organisation(s) involved:** none

**Resources and Case studies produced in the framework of the ENERBUILD project:**

- Killer arguments and opportunities for SMEs in the Building Sector
- User habits and impact on Energy Reduction

## **COHERENO - Collaboration for housing nearly-Zero Energy Renovation**

 **Project timeline:** April 2013 - May 2016  
**Programme:** Intelligent Energy Europe

**Website:** [www.cohereno.eu](http://www.cohereno.eu)

**Description:** COHERENO project aims to improve the quality of the construction measures by providing specific support to all stakeholders, thus increasing customer confidence. With these two key aspects, nearly-Zero Energy houses can gain credibility and acceptance, and win a higher market share. The project will develop proposals and concepts for promising cross-sector and company business models for high efficiency refurbishment of single-family houses to nearly-Zero Energy housing. The models are to pave the

way for refurbishment from a single source. From financing, consulting and planning, right through to implementation - all parties in the construction process are to be involved.

**Housing Federation(s)/Organisation(s) involved:** none

**Resources and Case studies produced in the framework of the COHERENO project:**

- No key outputs available at this stage



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Source: [http://www.powerhouseeurope.eu/plug\\_in\\_to\\_power\\_house/coldcontinental\\_climates/](http://www.powerhouseeurope.eu/plug_in_to_power_house/coldcontinental_climates/)