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Onderwerp: Eurbanlab Newsflash: launch of the online library




Launch of the online Eurbanlab library

We are pleased to announce that the online Eurbanlab library of over 250 examples of successful urban innovations from across Europe has been launched! These projects provide inspiration and insights in a range of subjects from smart financing arrangements, technical integrated design, and project planning and implementation. Filters, search options and a map make the library easy to navigate. The projects in the library demonstrate how a desired innovation can be realised successfully.

The library combines geographical visualizations with filters and search functions to explore an array of urban innovations in Europe.


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After logging in on www.eurbanlab.eu/login, it is possible to see an overview of the collected urban innovations, to search and select examples that meet your interest and read the detailed case study of this urban innovation. If you want to see our full Eurbanlab online library, please send a mail to info@urbanlab.eu for **login details**.

For an initial taster of the library, some urban innovations can be seen [here](#).



Nimmerdor - Energy neutral homes for the elderly

The project comprises 30 apartments for the elderly. The complex was built to be energy neutral, achieved with heavy insulation and solar energy. An innovative feature of the project is that it deviated from the regular wooden skeleton, and reached PassiveHouse standards with special brick skeleton.


Primary project use	Mixed Uses
Project Type	New Build
Spatial Scale	Neighbourhood or District
Site Characteristics	Greenfield
Sectors of Innovation	Built Environment, Energy
Type of Innovation	Technical
Origin of the Idea	Private Sector Company
Time to Market	Operational Now
Project Status	Completed/Operational


The retirement complex "Nimmerdor" in the municipality of Veere (province of Zeeland), was the first such building in the Netherlands to receive the PassiveHouse quality label. The complex is situated in the first climate neutral street of the Netherlands. Passive construction takes natural energy sources into account and aims to reduce energy consumption in buildings. The complex that was built in Veere deviates from the regular wooden skeleton that is used in most passive houses. The "Passive Ceramic" concept, developed by Recticel Insulation and Wienerberger, looks at the Dutch tradition of building with brick walls, ceramic walls and cavity insulation in polyurethane, without making the walls thick as castle walls. Wienerberger and Recticel Insulation already gained experience with the concept in Belgium, before applying it in Veere. The sun facing orientation of the complex enables optimal use of daylight and passive solar energy for heating. Due to extreme insulation, heat from the sun is retained. Demand controlled ventilation furthermore ensures a healthy living environment and reduces energy consumption. Heat is recovered from the air that is exhausted. Nimmerdor is an assisted living complex with 23 apartments for rent, and 7 owner-occupied apartments. The complex also includes a townhouse with a theater/gymnasium, a youth club, a hairdresser and a care information centre. The apartments are monitored on a daily basis. Some of the dwellings reach Energy Positive standards, delivering more energy to the net than they consume. In "Nimmerdor" the RC values are around 9m² KW, where an RC value of 6m² KW is already progressive in the Netherlands (the higher the RC value, the better the thermal resistance of the insulation used). The project was completed in 2012 and received the PassiveBuilding award in 2013.

Strong Points


One of the reasons why this project can be seen as innovative in the field of passive building, is the adjustment of

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