

# OLAV LANGENKAMP architect eth-maa



villa langenkamp

**langenkamp.dk**  
passive | 0 energy | + energy architecture

**olav langenkamp, architect eth-maa**  
[ol@langenkamp.dk](mailto:ol@langenkamp.dk) | +45 40739620

---

## **langenkamp.dk architects:**

The firm of architects langenkamp.dk arkitekter has specialised in passive, zero and plus energy architecture. The firm was founded in July 2008 by Olav Langenkamp who is the architect behind Villa Langenkamp, the first certified passive house in Denmark. Olav Langenkamp has for a number of years worked with the construction of passive and low-energy houses as well as industrialised buildings. The firm is currently working on several single-family passive houses, passive house blocks of flats, the first passive house office building in Denmark, the first plus energy office building in Denmark as well as the projecting of 32 terraced houses of passive house standard.

Olav Langenkamp has been certified as a passive house architect by the Passivhausinstitut in Darmstadt, Germany.

Born on 18 July 1971, Olav Langenkamp graduated as an architect from ETH (Eidgenössische Technische Hochschule) in Lausanne, Switzerland, in 1998.

From 2006 to July 2008, he headed the passive house department at the firm of architects Aarhus arkitekterne during which period he was involved in the design of, among other things, 66 student housing units in Herning, built to the passive house standard, and Kuben's passive house for Isover. He also participated in a passive house competition concerning three kindergartens in Albertslund.

Olav Langenkamp is the co-founder of uns4 aps, a creative contracting firm specialising in passive house, zero energy and plus energy construction.

## **List of projects undertaken by langenkamp.dk arkitekter since July 2008:**

Villa Langenkamp, Denmark's first certified passive house (built in 2008)  
Villa Rasmussen, single-family passive house, Ebeltoft (built in 2009)  
Villa Kæsler, single-family passive house, Aarhus (built in 2009)  
Villa Thimsen, single-family passive house, Egå (to be built in 2009)  
Villa Nygaard, single-family passive house, Hjortshøj (to be built in 2009)  
Villa Casier, single-family passive house, Odense (to be built in 2009)  
Villa Sand 1, single-family passive house, Odense (to be built in 2009)  
Villa Sand 2, single-family passive house, Odense (to be built in 2009)  
Villa Andersen, single-family passive house, Randers (to be built in 2009)  
Villa Therkelsen, retrofitting of a town house from 1870 to passive house standard  
32 terraced houses of passive house standard (to be built in 2009)  
Three standard passive houses for Dubai, UAE.  
The first certified passive house in Japan (in the projecting phase)  
Development of a standard passive house of 150 sq m  
Development of a standard plus energy house of 150 sq m  
Passive house office / 1,650 sq m plus energy office building in Aarhus (projecting started)  
Plus energy office, Aarhus (sketching phase started)

## **Research and development projects in langenkamp.dk arkitekter:**

R&D project: 'from passive house to plus energy house'. Villa Langenkamp is about to be the first passive house-based plus energy house in Denmark. The firm is developing the energy-producing facade which will contribute to generating surplus energy on an annual basis.

## **Lectures and teaching activities:**

Olav Langenkamp gives lectures at conferences and organises workshops in Denmark and other EU countries on passive houses, energy-efficient building and sustainable industrialised building. Olav Langenkamp has given lectures at, among other places, Passivhus Norden, Trondheim, Internationale Passivhaustagung, Nuremberg, Passivhaustagung, Frankfurt, Danish Technological Institute, Aarhus & Taastrup, Danish Association of Construction Clients, Copenhagen, Aarhus School of Architecture, Aarhus School of Engineering, Via University College, Horsens, Danish Society of Engineers, Copenhagen, Energy Service Denmark, North Jutland and Central Jutland, Confederation of Danish Industry, Copenhagen and Tankegang Frederikshavn. In addition to his lecture activities, Olav Langenkamp is also involved in teaching, e.g. as a supervisor for two thesis students (passive houses in hot climates, passive houses) at Via University College, Horsens, and further education courses on passive houses at the Aarhus School of Architecture.

## **1992-2008 – projects / competitions – Olav Langenkamp:**

New courtyards in Risskov with Lotte Dahl Andersen, Denmark (completed)  
Outdoor furniture with Lotte Dahl Andersen (completed)  
Extension to Villa Dahl, Randers, Denmark (project)  
Skive Art Museum, Skive, Denmark (competition)  
Cube, landscape project, Skive, Denmark (completed)  
Library, Italy (competition)  
Lofts, Paris (project)  
House in Ebeltoft, Denmark (project)  
Art Gallery, Paris (project)  
Philharmonic Orchestra Concert Hall, Helsinki, Finland (competition)  
Ministry of Culture, Dublin, Ireland (competition)  
Piazza Gramsci, Milan, Italy (competition)  
Housing, Turin, Italy (competition)  
Cyborg City, New York, USA (competition)  
Mies van der Rohe Foundation, Barcelona (competition)  
A lighthouse for the Alps, Switzerland (competition)  
Embassy, Washington D.C., USA (competition)  
City Hall in St. Sulpicue, Switzerland (competition)  
Housing, Lausanne, Switzerland (competition)  
Electrical car station, Bern, Switzerland (competition)  
Home for homeless, Paris (competition)  
Design of two Volkswagen buses for Campertre, Vicenza, Italy (completed)

## **Membership of professional organisations:**

Architect MAA (member of the Architects' Association of Denmark)

## **Language skills:**

Danish, German, English, French and Italian. Olav Langenkamp was born in the Italian part of Switzerland and spent his childhood years in Lombardy, Italy. Upper secondary school leaving exam in 1990 from the European School in Varese, Italy. Prior to his graduation from ETH in Lausanne, Olav Langenkamp spent six months in New York on a research stay. Olav Langenkamp is a German citizen.