

# Curriculum Vitae for Per-Erik Nilsson

## Personalialia

**Date of birth:** April 19, 1959  
**Nationality:** Swedish  
**Titel:** Associate Professor  
**Languages:** Swedish (native language)  
English (speak and write fluent English),  
German (reading comprehension, simple conversation)  
**Family:** Wife Kerstin Selberg, two children

## Degrees

**1998** Associate Professor at the Department of Building Services Engineering, Chalmers University of Technology, Gothenburg, Sweden.  
**1994** Ph.D. in Building Services Engineering at Chalmers University of Technology, Gothenburg, Sweden. Thesis: *Heating and Cooling Requirements in Commercial Buildings - a Duration Curve Model including Building Dynamics*.  
**1986** Lic. Eng. in Building Services Engineering at Chalmers University of Technology, Gothenburg, Sweden. Thesis: *Wind convectors - a Thermodynamic and Economic Study (in Swedish)*.  
**1983** M. Sc. in Mechanical Engineering, Chalmers University of Technology, Gothenburg, Sweden.

## Positions and appointments

**1995 - CIT Energy Management AB**  
Appointed Managing Director. Above MD duties also active in customer projects.

**1995 – 2001 Chalmers University of Technology**  
10% as supervisor for Ph.D. students at the Department for Building Services Engineering, Chalmers University of Technology, Gothenburg, Sweden. 90% at CIT Energy Management.

**1988 - 1994 the Foundation Chalmers Industriteknik (CIT)**  
50% employment and active in numerous projects, all in connection to the use of energy in buildings and energy efficiency.

**1988 - 1994 Chalmers University of Technology**  
50% employment as Ph.D. student, at the Department for Building Services Engineering.

**1983-1988 Chalmers University of Technology**  
100% employment as Ph.D. student, at the Department for Building Services Engineering

## **Short description of activities and competence**

Nilsson works with duties that come with the position as MD in an expanding specialist company. That includes the overall responsibility for the company, for the ongoing work as well as for future development. Above that Nilsson is also deeply involved in a number of ongoing projects.

The academic competence is obvious, as Nilsson was appointed Associate Professor at Chalmers University of Technology, Gothenburg, Sweden. Scientific areas Nilsson is especially well familiar with and towards his research work also was directed, is the use of energy in buildings. The knowledge Nilsson possesses in this area has, for instance, resulted in a commercial software (BV2) which is used for calculating the use of energy in buildings.

Nilsson has participated in a large number of projects with connection to the use of energy in the building sector, both nationally and internationally. International projects have been performed for the International Energy Agency (IEA) as well as for the European Union (EU).

In cooperation with a large international company, Nilsson has functioned as the editor when coordinating a number of international experts in producing a state-of-the-art handbook. In the book, indoor climate and energy efficiency are connected and described from a new comprehensive viewpoint.

EU has also engaged Nilsson within the network called OPET, where he functioned as expert within the area "Rational Use of Energy in Buildings".

In Sweden, Nilsson has been in the lead of a number of agency/public authority projects. An example is functioning as secretary at the development of a proposal for organisation and function for the Swedish Energy Agency's new research platform (called CERBOF). The platform has been started using the proposal as a base for its activities.

In connection to the implementation of the EPBD, Nilsson was responsible for the preparation of the report which suggested how the implementation should be carried out for commercial buildings in Sweden. Initially, Nilsson was appointed Swedish expert at the so-called Concerted Actions meetings, where all countries within the union informed each other about experiences from their implementation work.

A number of the projects Nilsson are, and has been, involved in, are enclosed by secrecy and cannot be described here. Among these types of projects are those where Nilsson has functioned as expert in juridical disputes and those where Nilsson has functioned as an external investigator in situations when discussions between companies got stuck.

Nilsson has also written a number of publications, both reviewed for scientific journals and popular ones for popular science magazines.