

## EXTENDED CURRICULUM VITAE E.R. VAN DEN HAM

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| <i>Surname</i>                 |           | Van den Ham  |
| <i>Christian names</i>         |           | Eric Rob   |
| <i>Place and date of birth</i> |           | Amersfoort, 27 December 1960   |
| <i>Nationality</i>             |           | Dutch  |
| <i>Education</i>               | 1973-1979 | Gymnasium  |
|                                | 1979-1986 | Delft University of Technology, Civil Engineering, Architecture and Building physics                             |
|                                | 1988      | PATO-course: Environmental aspect in domestic and non domestic buildings   |
|                                | 1990      | PATO-course: Demands on performance of components for buildings  |
| <i>Languages</i>               |           | Dutch, English, French, German.  |
| <i>Career</i>                  | 1985      | Student-assistant Building physics, University of Technology Delft, NL   |
|                                | 1986-1991 | Consultant building physics, DHV consulting engineers BV/- DHV Bouw BV, Amersfoort, NL                           |
|                                | 1991-1992 | Consultant building physics, Climatic Design Consult Nijmegen/Amersfoort, NL                                     |
|                                | 1993-now  | Managing director/Senior consultant building physics, Climatic Design Consult Nijmegen/Amsterdam, NL             |
|                                | 1996-now  | parttime lecturer building physics, Faculty of Civil Engineering, Delft University of Technology.                |
| <i>Professional experience</i> |           |  |
| <i>Consulting</i>              |           | Consulting on building physics for new buildings and renovations of several office buildings.                    |
|                                |           | Energy conservation on existing domestic- and non domestic buildings.  |
|                                |           | Moisture in constructions of domestic buildings.   |
|                                |           | Quality of indoor environment in buildings.  |
|                                |           | Theoretical and experimental research on the Energon-principle, (energy-storage in concrete floor construction). |

## *Research*

Research on cost-effectiveness of measures taken to decrease natural background radiation in the indoor environment of residential buildings (NOVEM/Ministry of Housing and the Environment).

KNB-BRIK project on durability of brick construction

Development of a determination method for energy performance of non domestic buildings, NEN 2916 (NOVEM/Ministry of Economic Affairs).

Design of monitoring system of the energy consumption of non domestic buildings in the Netherlands (Ministry of economic affairs).

Variety of research on Thermal Solar energy (NOVEM).

NEEDIS study on energy consumption of commercial offices (ECN) as starting point for a monitoring system.

Simplified energy calculation method for large glass-roofed spaces (buro Blesgraaf/NOVEM)

Simplified prediction method for EPC = 1,4 (Energy-performance coefficient of dwellings in Dutch building regulations), (CDC/municipality of Nijmegen)

## *Teaching*

Course on Energy performance of residential and non residential buildings for inspectors, architects and constructors.

Lectures on building physics, Civil Engineering Department of Delft University of Technology

### *Publications (in Dutch)*

- 1988 with ir. T.J. Haartsen  
Schakelbaar glas: een uitdaging voor architecten.  
Architectuur/Bouwen 4 (1988) nr. 10
- 1989 with ir. T.J. Haartsen  
Thermisch comfort in de zomer: berekeningsuitgangspunten ook bij  
normstelling vaak allesbepalend.  
Verwarming en ventilatie 46 nr. 10
- 1990 Gebouw- en Energiebeheer bij Psychiatrisch Ziekenhuis Vogelenzang: ver-  
wachte en gerealiseerde besparing.  
TG (1990) nr. 2.
- 1990 Energiebeheer bij Psychiatrisch Ziekenhuis Vogelzang.  
Klimaatbeheersing 19 (1990) nr. 5.
- 1990 with ir. J.G.A. van Hulst  
Twee methoden voor bepaling hechtsterkte mortellaag.  
Land + Water (6) 1990.
- 1990 with ir. T.J. Haartsen  
RGD-20 aan de A58: Kwaliteit die telt voor de gebruiker.  
Facility Management Magazine (1990) nr. 12.
- 1990 with ir. T.J. Haartsen  
Toekomst ziet er zonnig uit voor schakelbaarglas.  
Bouw 45 nr. 23.
- 1991 with ir. T.J. Haartsen  
Energienormering van gebouwen.  
Bouwfysica vol. 2 nr. 3.
- 1992 with drs. J.G. Ackers  
Radon in het binnenmilieu,  
Bouwfysica vol. 3 nr. 1

### *Special lectures*

- 1990 Cost effectiveness of measures to decrease natural background radiation in the  
environment of residential buildings. RENA-symposium Amersfoort.
- 1990 Building- and energy management at Psychiatric Hospital Vogelenzang.  
TVVL-dag Bennebroek.
- 1995 Energy performance and solar collectors. Platform Zonneboilers  
Nutsbedrijven, Apeldoorn.