

CURRICULUM VITA

PERSONAL

Name: Ole Jørgen Hanssen
Date of birth: 06-March-1955
Nationality: Norwegian
Languages: Norwegian, English
Civil status: Married, 3 children.
Position: Senior Research Scientist/Professor
Company: Østfoldforskning
(Oestfold Research Foundation)
Professional affiliation:
Norwegian Society for Professional Authors, International
Council of Systems Engineering (INCOSE)

EDUCATION

1975 Telemark Regional College
1980 University of Oslo, studies in chemistry, biology, statistics, B.Sc.
1982 University of Oslo, M.Sc. in Ecology
1985 NKS Management School
1993-5 Doctorate program on thesis for Life Cycle Assessment and
Sustainable Product Management
1996 Course in Environmental Economics at University of Oslo
1997 Dr. tech. Norwegian University of Technology and Science (NTNU)

EMPLOYMENTS AND EXPERIENCE

1979-82 Misc. assignments for local and national Environmental Agencies
1982-87 Ministry for the Environment
1982- Self-employed (writer, consultant, lecturer etc.)
1987-88 Østfold Regional College
1988- Stiftelsen Østfoldforskning (Østfold Research Foundation), Institute
for Pollution Prevention, senior scientist. Vice president for Institute
for Pollution Prevention 1988-92. Section Manager for Life Cycle
Assessment Group 1992-95.
1995-1998 Appointed President of Stiftelsen Østfoldforskning as of
September 1st 1995.
1998- From May 1st Senior Research Scientist, Stiftelsen Østfoldforskning
1998-2004 Visiting Professor, NTNU/LCA Laboratory and Industrial Ecology
Program
2003-2005 Research manager, Stiftelsen Østfoldforskning
2005-09 Appointed President of Østfoldforskning from December 15th 2005 to
September 30th 2009
2006 Chairman of the Board of Emballasjeforsk 2006-
2007-09 Chairman of the Board of FOKUS – Organisation for the regional
R&D Institutes in Norway.
2009- Member of the committee for strategic research on Energy, Climate
and Environmental Technology in Denmark
2009- Senior Research Scientist Østfoldforskning as of 1 October 2009
2009- Member of the Board of Avfallsforsk

- 2010- Vice leader of the Board of Østfold Energy Forum – a network for the energy sector in Østfold
- 2010- Visiting professor Renewable Energy, Institute for Ecology and Management of Natural Resources, UMB

PROFESSIONAL EXPERIENCES

- Development of strategic environmental plans for Østfold County and seven Østfold municipalities
- Cleaner production projects in the pulp and paper industry,, metal finishing industry, printing industry, fibre boat production, hospitals, paint industry etc.
- Development of plan for promotion of environmental technology for the Norwegian State Pollution Control Authority.
- Development of a comprehensive overview of all governmental programs for promotion of environmental technology in Norway on behalf of the Norwegian Research council.
- Misc. reports on environmental issues as a basis for policies for among others Statoil (oil industry), Jotun (paint industry), Peterson Group - (paper and pulp, packaging industry) (1988-92)
- Misc. Life Cycle Assessment assignments for the same industries (1992/93)
- Development of a Nordic Manual for Life Cycle Assessment on behalf of the Nordic Council for Ministers (1993-94)
- Project manager for the Nordic Project for Environmentally Sound Products Development (1993-95)
- Project manager for a project to evaluate environmental policies and regulations in a life cycle perspective.
- Secretary for the LCA Working Party of the World Industry council for the Environment (1991-94)
- Project Manager for the Nordic Environmental Performance Indicator Project (1996-99)
- Project Manager for the Nordic Project on Environmental Product Declaration
- Project Manager for Implementation of Integrated Product Development in the Peterson Group (1996-98)
- Project Manager for the establishment of a Norwegian LCA database
- Project Manager for the development of Indicators for Packaging Use in the Norwegian Industry (1998-)
- Project Manager for the evaluation of Plastic Waste Management Strategies for Plastretur AS (1998-99)
- Project Manager for the Nordic Project on Environmental Performance Indicators, Phase II (1999-)
- Project Manager for the Nordic Project on Implementation of Type III Environmental Product Declarations in the Industry (1999-)
- Manger for the Leca International Environmental Project, with implementation of product oriented environmental strategies in the LWA sector in Europe (1998-2002).
- Project manager for the Marinepack project on Optimal and Safe packaging for Seafood in Norway (2001-2004)

- Project manager for the Factor 10 project on Drinking products and packaging in Norway (2001-2003)
- Project manager for the Optimal barrier properties of food packaging in a value chain perspective (2003-2005)
- Project manager for the Marinepack 2007 project on Optimal and Safe packaging for Seafood in Norway (2005-2007)
- Project manager for Marinepack 2010 on Optimal and Safe Packaging for Seafood in Norway financed by Food Program, Smartrans and BIA-program (2008-2011)
- Project manager for Innochem 2010 on Innovative strategies for new regulations in the chemical industry, financed by the BIA program (2006-2011)
- Project manager for VRI Østfold 2007-09 on Research on Regional Innovation and Development in the business sector in Østfold
- Project manager for KLIMAT – Climate accounting for food systems financed by the Food Program (2009-2011)
- Project manager for Energy Trading and Environment 2020, financed by Reneregi program (2009-2011).
- Project manager for Food Waste Prevention in Value Chains, financed by the Food Program (2010-2013).
- Project manager for ForMat – industrial project for preventing food waste in value chains financed by industrial organisations and Norwegian authorities (2010-2013).
-

TEACHING EXPERIENCE

- 1980-82** Research Assistant, participating in Biology Education at the University of Oslo
- 1982 - 1988-89** Sundry teaching positions in local schools
Courses in Business Administration and EDP at Oestfold Regional College
- 1991** Responsible for NIF (Norwegian Association of Civil Engineers) Course in Cleaner Production for Polish Civil Engineers (240 hours in total)
- 1997-2003** Courses in LCA, Systems Engineering, Factor 10 Ecodesign and Industrial Ecology at the NTNU
- 1998-2005** Visiting professor at Norwegian University of Science and Technology, LCA laboratory/Industrial Ecology Program
- 2010-** Visiting professor at University of Life Sciences and Environment, Renewable Energy Master program at Ås.

OTHER COMMISSIONS

Position as Chairman/Secretary/Accountant for Østfold Ornithological Association, Akerøy Ornithological Station. Deputy representative to the board for Østfold Labour Party (1991). Representative in the Board for Environmental Issues in Østfold County Administration and the same for the Board for the Municipality of Borge.

Chairman for the board of Borge Graduate School in Fredrikstad 1995-96.

Chairman for Orientering Group in Fredrikstad Skiklubb from 2002 – (annual budget 1,4 mill. NOK)

PUBLICATIONS

Author of more than 150 articles and reports in national and international professional and popular publications

Recent and relevant scientific papers in journals with referee

- Hanssen, O.J. 1995. Preventive environmental strategies for product systems. *J. Cleaner Prod.* 3, 181-187
- Hanssen, O.J., Rydberg, T. & Rønning, A. 1996. Integrating Life Cycle Assessments in Product Development and Management. Chapter 14 In: Curran, M.A. 1996: *Environmental Life Cycle Assessment*. 44 pp. McGraw Hill Publ. N.Y.
- Hanssen, O.J. 1997. Sustainable Industrial Product Systems. Dr. techn. thesis, Norwegian University of Science and Technology, Trondheim. *Østfold Research Foundation, Working Paper AR.20.97*
- Hanssen, O.J. 1998. Environmental Impacts of Product Systems in a Life Cycle Perspective. A General Survey based on 18 Life Cycle Assessment Studies. *J. Cleaner Prod.* 6, 299-311
- Hanssen, O.J. 1999. Status for Life Cycle Assessment activities in the Nordic region. *Int. J. of LCA* 4(6) 315-320.
- Hanssen, O.J. 1999. Sustainable Product Systems. Experiences based on case projects in Sustainable Product Development. *J. Cleaner Prod.* 7, 27-41
- Hanssen, O.J. 2002. Radical Eco-Innovations in a functional industrial network approach. *Proc. Nord-Design 2002*,
- Hanssen, O.J., Olsen, A., Møller, H. & Rubach, S. 2003. National Indicators for Material Efficiency and Waste Minimisation for the Norwegian Packaging Sector 1995-2001 *Resources, Conservation & Recycling* 38, 123-137.
- Nyland, C.A., Modahl, I.S., Raadal, H.L. & Hanssen, O.J. 2003. Application of LCA as a decision-making tool for waste management systems: Material flow modelling. *Int. J. of LCA* 8(6), 331-336.
- von Bahr, B., O. J. Hanssen, M. Vold, G. Pott, E. Stoltenberg-Hansson & B. Steen 2003. Experiences of environmental performance evaluation in the cement industry. Data quality of environmental performance indicators as a limiting factor for Benchmarking and Rating. *J. Cleaner Prod.* 11, 713-725
- Hanssen, O.J., Rukke, E.O., Saugen, B., Kolstad, J., Hafrom, P., von Krogh, L., Raadal, H.L.; Rønning, A. & Wigum, K.S. 2007. The environmental effectiveness of the beverage sector in Norway in a Factor 10 perspective. *Int. J of LCA* 12(4), 257-265.
- Raadal, H.L., Askham, C.A. & Hanssen, O.J. 2009. Calculation of Residual Electricity Mixes when Accounting for the EECS (European Electricity Certificate System) — the Need for a Harmonised System. *Energies* 2009, 477- 489.
- Svanes, E., Vold, M., Møller, H., Pettersen, M.K., Larsen, H. & Hanssen, O.J. 2010. Sustainable Packaging Design. *J. Packaging Science & Technology* 23(3), 161-175.
- Møller, H., Rubach, S. & Hanssen, O.J. 2010. Sustainable Packaging – The Norwegian Shopping Basket 2001-2007. *J. Packaging Science & Technology* (Published online 1.2 2010)