

CV LISE-LOTTE PADE HANSEN

Born: 1976  
Citizen of Denmark

**Present function:** Researcher, Risø National Laboratory for Sustainable Energy

**Education:** Ph.D. in Economics, University of Copenhagen, Faculty of Life Science, 2007  
M.Sc. in Economics, University of Copenhagen, Faculty of Life Science, 2003  
B.Sc. in Economics, University of Copenhagen, Institute of Economics, 2000

**Language skills:** Danish: Fluent (mother tongue)  
English: Fluent  
Norwegian: Fluent  
German: Read and talk  
French: Read and talk

**Key qualifications:** Energy systems, energy demand, regulation, climate environment

**Profile:** Energy and environmental economist focusing on energy regulation and climate change. The last nine years Lise-Lotte has dealt with topics such as the carbon content of traded goods and services (life cycle assessment), energy efficiency in the Danish district heating sector, energy demand forecasts, comparing energy market models, differences in carbon emissions between countries (input-output based structural decomposition analysis), integrating large shares of wind power in the Danish energy system, optimal climate policy and optimal use of green taxes in the heat and power sector.

**Work Experience:** 2010 – Risø National Laboratory for Sustainable Energy; Researcher  
2008 – 2009 Pöyry AS, Consultant  
2007 – 2008 Danish Economic Councils - the Secretariat (DØRS), Economist  
2006 – 2007 Risoe National Laboratory, Research assistant  
2003 – 2006 AKF, Institute for Governmental Research, University of Copenhagen, Faculty of Life Science, Doctoral student

**Selected projects:**

- CEESA - Coherent Energy and Environmental System Analysis
- FC4Home – Socio-economic and energy systems analysis of micro combined heat and power production
- EMMA – Energy and eMission model for ADAM
- Electricity demand forecasts
- Energy saving scenarios using EMMA and ADAM

## **Publications:**

Greaker, M. and L. Pade (2009): Optimal carbon dioxide abatement and technological change: should emission taxes start high in order to spur R&D? *Climatic Change*, Volume 96, Number 3, October 2009

Munksgaard, J., J. Minx, L. Christoffersen and L. Pade (2009): Models for National CO<sub>2</sub> Accounting, *Handbook in Input-Output Economics in Industrial Ecology*, Sangwon Suh (Ed.), Springer Dordrecht Heidelberg London New York

Pade, L. and M. Greaker (2008): Klimapolitik og teknologisk udvikling, *Samfundsøkonomen*, september 2008 nr 4

Skovsgaard, L., M. Mogensen and L. Pade (2007): Effektiv brug af grønne afgifter i kraft- og varmesektoren, *IMV rapport*, København 2007

Busk, R., A. Larsen, J. Munksgaard, L. Skovsgaard, U. Nielsen, L. Pade, L. Jeppesen and C. Olsen (2007): Vindkraftens pris, *IMV rapport*, København 2007

Pade, Lise-Lotte (2007): Climate policy of a small open economy under induced technological change and technological diffusion. 30th IAEE International Conference, Wellington, New Zealand, February 18 - 21, 2007

Pade, Lise-Lotte (2006): Topics in Climate policy, energy efficiency and technological change. Ph.D. afhandling, Københavns Universitet

Lenzen, Manfred; Lise-Lotte Pade og Jesper Munksgaard (2005): CO<sub>2</sub> multipliers in multi-region input-output models. *Economic Systems Research*. 16(4), s. 391-41.

Munksgaard, Jesper; Lise-Lotte Pade og P. Fristrup (2005): Efficiency gains in Danish district heating. Is there anything to learn from benchmarking? *Energy Policy*. Vol 33/15, s. 1986-1997.

Munksgaard, Jesper, Lise-Lotte Pade, Jan Minx og Manfred Lenzen (2005): Influence of Trade on National CO<sub>2</sub> Emissions. *International Journal of Global Energy*, Issues 23(4):324-336

Munksgaard, Jesper; Manfred Lenzen, Thomas C. Jensen et al. (2005): Transport Energy in Consumer Goods. *Energy & Environment*. Multi-Science Publishing Co.Ltd., Vol. 16, No.1.

Munksgaard, Jesper; Lise-Lotte Pade, J. Minx et al. (2005): Influence of Trade on National CO<sub>2</sub> Emissions. *Nationaløkonomisk Forenings Årsmøde*. Kolding

Munksgaard, Jesper; Lise-Lotte Pade og Manfred Lenzen (2005): International handel og CO<sub>2</sub>-udledning. akf forlaget

Hansen, Lise-Lotte Pade (2004): Ville forbrugerne vælge fjernvarme, hvis de havde frit valg?. *AKF Nyt*. 2004:3, 25-27.

Hansen, Lise-Lotte Pade (2004): Restructuring international trade regarding CO<sub>2</sub> reductions: Is there anything to learn from best practice?. 27th Annual IAEE International Conference: Energy & Security in the Changing World. Tehran, Iran: May. (Submittet og re-submittet til Energy Economics)

Jacobsen, H.K.; P. Fristrup, Jesper Munksgaard et al. (2004): Samspillet mellem de liberaliserede energimarkeder. Risø-R-1458(DA).

Hansen, Lise-Lotte Pade og Anders Larsen (2003): Liberalisering af affaldsforbrænding - varmebindingen på godt og ondt. El og energi. 12.

Lenzen, M.; Lise-Lotte Pade Hansen og Jesper Munksgaard (2002): CO<sub>2</sub> multipliers in multi-region input-output models. 14th International Conference on Input-Output Techniques. Canada, Montreal: 10.-15. oktober.