

CURRICULUM VITAE

Professor Lena Neij

International Institute for Industrial Environmental Economics (IIIEE), Lund University (LU)

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Name: Lena Neij (née Christiansson)

Born: Lund, Sweden, February 25, 1966

Citizenship: Swedish

Civil status: Married, Two children, born 1997 and 2000

Introduction

Lena Neij is Professor at the International Institute for Industrial Environmental Economics at Lund University, Sweden. Her research is focused on the dynamics of the energy system and the analysis of governance and policies for a more sustainable development. The core issue has been development and assessment of methods for analysing the dynamics of energy systems in view of technical change, i.e. development, introduction, and diffusion of new technology, and policy measures for effecting and accelerating technical change. The research, which has been system based and interdisciplinary, has covered energy for sustainable development in general, with a focus on renewable energy technologies, energy efficiency and sustainable urban development.

Education

Docent in Industrial Environmental Economics, Lund Institute of Technology, Sweden, 2004

Ph.D. in Environmental and Energy System Studies, Lund Institute of Technology, Sweden, 1999

M.Sc. in Engineering (Chemical), Lund Institute of Technology, Sweden, 1991

Positions held:

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| 1992-1999 | Doctoral candidate, Environmental and Energy System Studies (EASES), Lund University (LU). Parental leave in 1997-1998. |
| 1999-2003 | Assistant Professor, EESS, Lund University. Parental leave in 2000-2001. |
| 2003-2003 | Associate Professor and Director of graduate studies at EESS, LU. |
| 2003-2006 | Associate Professor at International Institute for Industrial Environmental Economics (IIIEE), (LU). |
| 2006- | Professor at IIIEE, LU. |
| 2010- 2018 | Director at IIIEE, LU. |

Assignments (selected)

- Chairperson of the Climate Council of Lund City, 2018-
- Chairperson of the scientific workshop “Transition to a low carbon society” organized by Lund University to advise the Clean Energy Ministerial meeting and the Mission Innovation meeting held in Malmö/Copenhagen on 23-24 May 2018
- Member of the Management Board of the European Environment Agency (EEA) for the European Parliament, 2018-
- Member of the reference group to the Swedish Government's work with increased and strategically oriented Swedish-Chinese collaborations in and promotion of innovation, research and higher education, 2018
- Member of the Board of the Strategic Innovation Programme Viable Cities, Sweden, 2017-
- Chairperson of the Scientific Committee of the Sustainable City Development Conference in Malmö 2016
- Member of the Governments Council for Smart Sustainable Cities, Sweden, 2016-2018
- Member of the Advisory Council of the Swedish National Board of Housing, Building and Planning, 2016-

- Chairperson of the Scientific Committee of the Sustainable City Development Conference in Malmö 2016
- Member of the Scientific Advisory Board preparing the declaration the Habitat III Conference on Housing and Sustainable Urban Development, Quito, Ecuador, October 2016
- Member of the Governments Scientific Council for Sustainable Development, 2015-2018
- Member of the Royal Society of Sciences in Lund (Kungliga Fysiografiska sällskapet i Lund), 2013 -
- Vice Chairman of the IVA South Steering Committee (The Royal Swedish Academy of Engineering Sciences), 2012-2016
- Member of the Evaluation Committee on Infrastructure for Research on the Earth and its Near Surroundings at the Swedish Research Council (Vetenskapsrådet), 2011-2012
- Holder of a UNESCO Chair in Education for Sustainable Development, 2010-
- Director of the IIIIEE and member of the IIIIEE Board, 2010-2018
- Member of The Royal Swedish Academy of Engineering Sciences, IVA, 2009-
- Coordinator of the Urban Arena at Lund University, 2006-2017
- Member of Energiutvecklingsnämnden (EUN), Decision board for research funded by the Swedish Energy Agency, 2005-
- Member of the advisory group (Programråd) of the research program “ Efficient energy use in buildings with a high cultural value” (Energieffektivisering i kulturhistoriskt värdefulla byggnader), 2007-2009
- Member and co-author of Global Energy Assessment, 2007- (<http://www.iiasa.ac.at/Research/ENE/GEA>)
- Member in the international evaluation group evaluating the energy related activities at the International Institute of Applied Systems Analysis (IIASA), Vienna, 2004
- Member of the Editorial board of International Journal of Energy Technology and Policy (IJETP), 2001-
- Swedish expert in the IEA project INDEEP (DSM Annex1), 1998- 2000; the IEA project Evaluation guidebook (DSM Annex1), 2002 – 2005; and the IEA project White certificates (DSM Annex 1), 2004-2006

Doctoral thesis

Neij L. (1999), “Dynamics of Energy Systems - Methods of analysing technology change”, Doctoral thesis, Department of Environmental and Energy Systems Studies, Lund University

Publications - papers in academic journals, peer- reviewed (selected)

Neij L., (1997), Use of experience curves to analyse the prospects for diffusion and adoption of renewable energy technology, *Energy Policy*, Vol. 23, No. 13, pp. 1099-1107.

Neij L., (1999), Cost dynamics of wind power, *Energy-The International Journal* Vol. 24, No. 5, pp. 375-389.

Neij L. (2008), Cost development of future technologies for power generation – A study based on experience curves and complementary bottom-up assessments, *Energy Policy*, 36, pp.2200-2211.

Mundaca L., Neij L., Worell E. and McNeil M., (2010), Evaluating Energy Efficiency Policies with Energy-Economic Models, *Annual Review of Environment and Resources* 35: 305-44

Neij, L., Heiskanen, E., and Strupeit, L., (2017), The deployment of new energy technologies and the need for local learning, *Energy Policy*, 101, pp. 274-283.

Zinkernagel R., Evans J., and Neij L., (2018), Allying the SDGs to cities: Business as usual or a new dawn?, *Sustainability*, 10 (9), pp 3201