

## CURRICULUM VITAE

*Name:* Poul Erik Morthorst  
*Nationality:* Danish  
*Date of birth:* 1951-11-20  
*Profession:* Economist  
*Position:* Professor.  
*Years with firm:* Permanent staff member 30.

*Specialisation:* Economic and technical assessment of renewable energy technologies. Evaluation of policy instruments for regulating energy and environment. General energy planning and forecasting energy demand for domestic purposes, especially electricity. Development of long term scenarios for energy and environmental systems.

*Education* University of Århus. M.Econ.

### *Experiences (summarised):*

*1978-85* Energy Systems Group, Risø National Laboratory. Model-development and energy planning. Deputy leader of the Energy Systems Group from 1981.

*1985-89* Head of Energy Systems Group. Deputy leader of Systems Analysis Department.

*1989-2008* Senior scientist. Senior research specialist from 1998. Professor from 2008.

Appointed member of the IEA international committee to set-up guidelines for the economic evaluation of renewable energy technologies.

Appointed member of the Danish Renewable Energy Council..

Chairman of the Energy Systems committee, set up below the Danish Renewable Energy Council.

Appointed member of the EU panel to evaluate project-proposals on renewable energy technologies for the Joule Research Programme.

Appointed member of OECD panel to evaluate the use of regulatory instruments.

Chairman of advisory board for the NES-venturing fond for new emerging sustainable technologies set-up by BankInvest.

Appointed member of the committee on tendering procedures for developing offshore wind farms set up by the Danish government.

Appointed member and chairman of expert panel OSTC – SPSD II on sustainable energy technologies set up by the Belgian government.

Appointed member of the committee on the socioeconomic costs of hydrogen systems set up by the Danish government.

Appointed member of the committee on the strategic development of photovoltaics in Denmark.

Appointed member of the board of the Danish transmission system operator, Energinet.dk.

Appointed member of the board of the Danish Renewable Energy Network (VE-Net)

Appointed member of the Danish Research Council for Sustainable Energy and Environment

Appointed member of the Danish Research Council for Transport and Infrastructure

Appointed member of the Danish Commission on Climate Change set up by the Danish Government to analyse national and international proposals of how to significantly reduce emissions of greenhouse gases.

*Selected references (recent conference contributions, publications in refereed journals and international books)*

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2. *Mann, Jakob; Sørensen, J.N.; Morthorst, Poul Erik*, Wind energy  
In: *Environmental Research Letters*, vol: 3, p. 015001 (1 p.), 2008.
3. *Morthorst, P.E.*, Economics of offshore wind power (Invited Presentation). IEA workshop on offshore wind power - experiences, potentials and key issues for development, Berlin (DE), 3 Dec 2007.
4. *Morthorst, P.E.*, Renewable energy and the future energy system (Invited Presentation). *El futuro energético: Nuevos modelos*, Seville (ES), 19-22 Mar 2007
5. *Morthorst, P.E.*, Wind power - status and challenges (Invited Presentation). FP7 ocean and wind technologies. EU conference and brokerage event, Dublin (IE), 28 Feb 2007
6. *Morthorst, P.E.; Jensen, S.G.*, Coordinated renewable energy support schemes. *Energy Environ.* (2006) **17**, 869-884
7. *Jensen, S.G.; Morthorst, P.E.*, Coordinated renewable energy support schemes. In: *Proceedings (online)*. 2006 European Wind Energy Conference and Exhibition, Athens (GR), 27 Feb - 2 Mar 2006. (Brussels, European Wind Energy Association) 10 p
8. *Morthorst, P.E.*, Wind power: Status and perspectives. In: *Future electricity technologies and systems*. Jamasb, T.; Nuttall, W.J.; Pollitt, M.G. (eds.), (Cambridge University Press, Cambridge, 2005) (Department of Applied Economics Occasional Papers, no. 67) Chapter 3
9. *Morthorst, P.E.; Clausen, N.-E.*, Important considerations for developing a support scheme. In: *Methodologies for assessing the cost of (wind) electricity and the methodologies to estimate the impact of research on the cost*. 47. IEA topical expert meeting, Paris (FR), 20-30 Nov 2005. Thor, S.-E. (ed.), (Vattenfall, Stockholm, 2005) 53-56
10. *Ackermann, T.; Morthorst, P.E.*, Economic aspects of wind power in power systems. In: *Wind power in power systems*. Ackermann, T. (ed.), (Wiley, Chichester, 2005) Chapter 18
11. *Morthorst, P.E.*, The economics of wind power. Status and future perspectives. In: *Proceedings CD-ROM*. 2004 European Wind Energy Conference and Exhibition, London (GB), 22-25 Nov 2004. (European Wind Energy Association, Brussels, 2005)
12. *Wehnert, T.; Helbig, B.; Jörss, W.; Knoll, M.; Reuss, T.; Oniszk-Poplawska, A.; Jaworski, L.; Rogulska, M.; Wisniewski, G.; Ninni, A.; Bernardini, O.; Bonacina, M.; Parati, M.; Velte, D.; Araguas, J.P.L.; Zugasti, I.; Jørgensen, B.H.; Borup, M.; Morthorst, P.E.; Nielsen, O.*, EurEnDel. Technology and social visions for Europe's energy future. A Europe-wide Delphi study. Final report. (2004) 98 p
13. *Morthorst, P.E.; Jørgensen, B.H.; Helby, P.; Twidell, J.; Hohmeyer, O.; Mora, D.; Auer, H.; Resch, G.; Huber, C.; Schönbauer, C.*, Support schemes for renewable energy. A comparative analysis of payment mechanisms in the EU. (European Wind Energy Association, London, 2005) 82
14. *Huber, C.; Faber, T.; Haas, R.; Resch, G.; Green, J.; Ölç, S.; White, S.; Cleijne, H.; Ruijgrok, W.; Morthorst, P.E.; Skytte, K.; Gual, M.; Rio, P. del; Hernández, F.; Tacsir, A.; Ragwitz, M.; Schleich, J.; Orasch, W.; Bokemann, M.; Lins, C.*, Green-X. Deriving optimal promotion strategies for increasing the share of RES-E in a dynamic European electricity market. Final report of the project Green-X - a research project within the fifth framework programme of the European Commission, supported by DG Research. (Vienna University of Technology, Institute of Power Systems and Energy Economics, Vienna, 2004) 154
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16. *Frandsen, S.; Morthorst, P.E.; Bonefeld, J.; Noppenau, H.*, Offshore wind power: Easing a renewable technology out of adolescence. 19. World energy congress 2004, Sydney (AU), 5-9 Sep 2004.
17. *Skytte, K.; Jensen, S.G.; Morthorst, P.E.; Olsen, O.J.*, Støtte til vedvarende energi? (In Danish: Support to renewable energy?), (Jurist- og Økonomforbundets Forlag, København, 2004) 182 p.
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27. Morthorst, P.E., A green certificate market combined with a liberalised power market. *Energy Policy* (2003) **31** , 1393-1402
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