

# Curriculum Vitae

## Personal data:

Name : Knut Einar Rosendahl  
Born : 12.03.1967, Oslo  
Nationality : Norwegian  
Private address : Sørjordet 2, 1400 Ski, Norway  
Marital Status : Married to Kirsti Inderhaug Rosendahl; two children (Mikael and Andrea)  
Occupation : Senior Researcher, Statistics Norway  
Kongens gate 6, P.o.b. 8131 Dep., N-0033 Oslo, Norway  
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## Main education:

2002: Dr.Philos in economics, University of Oslo.  
Dissertation: *Climate policies - social costs and oil market effects*  
1993: Cand. Polit. in economics, University of Oslo  
1990: Teacher training programme (half year)

## Professional experience:

2005- : Senior Researcher ("Forsker 0") in Statistics Norway  
2008-2009: Visiting scholar at Resources for the future (RFF), Washington, DC  
2008-2009: Visiting scholar at School of Advanced International Studies (SAIS), The Johns Hopkins University, Washington, DC  
2002-2005: Head of Research Unit in Statistics Norway, Research Department, Unit for Petroleum and Environmental Economics  
1993-2001: Senior Researcher ("Forsker 1") / Researcher ("Forsker 2") / Economist in Statistics Norway  
2001-2003: Adjunct Assistant Professor at University of Oslo, Department of Mathematics

## Other positions:

2001-2006: President of the Norwegian Association for Energy Economics (IAEE-Norway - [www.naee.no](http://www.naee.no))  
2010-: Board member of Samfunnsøkonomene (Norwegian Association of Economists) Deputy Chairman, and Head of the association's "Profesjonsutvalg", since 2011

## Research interests:

- Environmental economics
- Energy and resource economics
- Technological change
- Numerical modelling

## Selected publications 2008-2012

### International journals and books

- Kverndokk, S. and K.E. Rosendahl (2012): The Effects of Transport Regulation on the Oil Market. Does Market Power Matter? forthcoming in *Scandinavian Journal of Economics*.
- Strand, J. and K.E. Rosendahl (2012): Global Emissions Effects of CDM Projects with Relative Baselines, *Resource and Energy Economics* **34**, 533-548.
- Gabriel, S.A., K.E. Rosendahl, R.G. Egging, H. Avetisyan and S. Siddiqui (2012): Cartelization in Gas Markets: Studying the Potential for a “Gas OPEC”, *Energy Economics* **34**, 137-152.
- Rosendahl, K.E. and J. Strand (2011): Carbon Leakage from the Clean Development Mechanism, *The Energy Journal* **32**(4), 27-50.
- Rosendahl, K.E. and H. Storrorsten (2011): Emissions trading with updated allocation: Effects on entry/exit and distribution, *Environmental and Resource Economics* **49**, 243-261.
- Böhringer, C., C. Fischer and K.E. Rosendahl (2010): The Global Effects of Subglobal Climate Policies, *The B.E. Journal of Economic Analysis & Policy* **10** (2) (Symposium), Article 13.
- Böhringer, C. and K.E. Rosendahl (2010): Green Serves the Dirtiest. On the Interaction between Black and Green Quotas, *Journal of Regulatory Economics* **37**, 316–325.
- Aune, F.A., K. Mohn, P. Osmundsen and K.E. Rosendahl (2010): Financial market pressures, tacit collusion and oil price formation, *Energy Economics* **32**, 389-398.
- Gerlagh, R., S. Kverndokk and K.E. Rosendahl (2009): Optimal timing of environmental policy; interaction between environmental taxes and innovation externalities, *Environmental and Resource Economics* **43**, 369-390.
- Böhringer, C. and K.E. Rosendahl (2009): Strategic Partitioning of Emissions Allowances Under the EU Emission Trading Scheme, *Resource and Energy Economics*, **31**, 182-197.
- Aune, F.R., K.E. Rosendahl and E. Sagen (2009): Globalisation of natural gas markets – effects on prices and trade patterns, *The Energy Journal* **30** (Special Issue “World Natural Gas Markets and Trade: A Multi-Modeling Perspective”), 39-54.
- Rosendahl, K.E. and E. Sagen (2009): The Global Natural Gas Market. Will transport cost reductions lead to lower prices? *The Energy Journal* **30** (2), 17-40.
- Aune, F.R., R. Golombek, S.A.C. Kittelsen and K.E. Rosendahl (2008): *Liberalizing European Energy Markets. An Economic Analysis*, Edward Elgar Publishing.  
[http://www.e-elgar-economics.com/Bookentry\\_Main.lasso?id=3071](http://www.e-elgar-economics.com/Bookentry_Main.lasso?id=3071)
- Rosendahl, K.E. (2008): Incentives and quota prices in an emissions trading scheme with updating, *Journal of Environmental Economics and Management* **56**, 69-82.
- Greaker, M. and K.E. Rosendahl (2008): Environmental policy with upstream pollution abatement technology firms, *Journal of Environmental Economics and Management* **56**, 246-259.

### Working papers in review

- Böhringer, C., B. Bye, T. Fæhn and K.E. Rosendahl (2012): Alternative designs for tariffs on embodied carbon. A global cost-effectiveness analysis, Discussion Papers No. 682, Statistics Norway. Revise-and-resubmit in *Energy Economics*.
- Böhringer, C., C. Fischer and K.E. Rosendahl (2011): Cost-Effective Unilateral Climate Policy Design: Size Matters, RFF DP 11-34, Resources for the future (RFF). Revise-and-resubmit in *Journal of Environmental Economics and Management*
- Golombek, R., S.A.C. Kittelsen and K.E. Rosendahl (2011): Price and welfare effects of emission quota allocation, Discussion Papers No. 661, Statistics Norway. Revise-and-resubmit in *Energy Economics*.
- Böhringer, C., B. Dijkstra and K.E. Rosendahl (2011): Sectoral and regional expansion of emissions trading, Discussion Papers No. 654, Statistics Norway. Revise-and-resubmit in *Resource and Energy Economics*.

### Articles in Norwegian journals

- Böhringer, C., B. Bye, T. Fæhn and K.E. Rosendahl (2012): Karbontoll som virkemiddel mot karbonlekkasje – en sammenlikning av ulike tollscenarier, *Økonomiske Analyser* 2/2012, 12-17.
- Golombek, R., S.A.C. Kittelsen and K.E. Rosendahl (2012): Tildeling av klimakvoter i Europa, *Samfunnsøkonomen* Nr. 2 2012, 30-37.
- Bye, B. and K.E. Rosendahl (2012): Karbonlekkasje: Årsaker og virkemidler, *Samfunnsøkonomen* Nr. 1 2012, 40-49.
- Rosendahl, K.E. and H. Storrøsten (2011): Gratis klimakvoter og investeringer i ren teknologi, *Økonomiske analyser* 2/2011, 3-7.
- Hagem, C. and K.E. Rosendahl (2011): Elsertifikater og fornybar kraft: Mål eller middel? *Samfunnsøkonomen* Nr. 3 2011, 26-29.
- Baldursson, F., O. Bergland, J. Bjørndalen, C. Hagem, A.M. Heggedal, H. Moen and K.E. Rosendahl (2011): Har vi tid til å vente på en sjøkabel i Hardanger? *Samfunnsøkonomen* Nr. 3 2011, 4-14.

### Other professional activities

#### Selected presentations at international conferences and seminars (2010-2012)

- June 2012: SURED conference, Ascona: “Strategic technology policy for emission intensive, traded industries”
- January 2012: Annual Research Meeting in Economics, UMB (Ås): “Price and welfare effects of emission quota allocation”
- October 2011: North American IAEE-conference, Washington DC: “Price and welfare effects of emission quota allocation”
- August 2011: EEA-conference, Oslo: “Output-based allocation and investment in clean technologies”
- July 2011: EAERE-conference, Rome: “Output-based allocation and investment in clean technologies”
- August 2010: European IAEE-conference, Vilnius: “Transport regulations and the effects on the oil market”
- July 2010: World Congress in Environmental and Resource Economics, Montreal: “Transport regulations and the effects on the oil market”

#### Major projects (last 3 years)

- Petroleum industry research in economics and economics management, 2008-2012, PETROSAM program (NFR). Project supervisor for the research in Statistics Norway.
- Emission trading in Europe and Norway: The importance of allocation rules, 2007-11, RENERGI program (NFR). Project supervisor.
- Design of climate policies, and the effects on emissions, energy and technology, 2008-9, Fulbright grant for research visit to RFF and Johns Hopkins University, Washington, DC.

#### Other activities

- Second supervisor for Ph.D students Klaus Mohn (University of Stavanger; 2008) and Halvor Briseid Storrøsten (University of Oslo; 2011)
- Supervisor for six master students since 2003
- Chief Secretary for Public Commission: Sjøkabelutredningen, Utvalg III (2011): Konsekvenser av at man trenger lenger tid på en ny overføringsforbindelse til Bergensområdet (BKK-området).
- Regularly referee for international journals such as *Journal of Environmental Economics and Management*, *Scandinavian Journal of Economics*, *Resource and Energy Economics*, *The Energy Journal*, *Environmental and Resource Economics*, *Energy Economics*, *Climate Policy* etc.
- Chief Editor for Økonomisk Utsyn (Economic Outlook) 2008, Statistics Norway