

CURRICULUM VITAE, ROLF GOLOMBEK, AUGUST 2017

Name: Rolf Golombek

Born: 19 July 1959

Nationality: Norwegian

Degrees: Dr. Polit 1990

E-mail: rolf.golombek@frisch.uio.no

Cell: +47 950 45 696

Employer: Ragnar Frisch Centre for Economic Research since 1990. Deputy Research Director, 2003-2012. Director at Oslo Centre for Research on Environmentally friendly Energy (CREE) 2013-2014, 2016-.

Present position: Senior Researcher, Ragnar Frisch Centre for Economic Research (since 2003)
Director, CREE (Oslo Centre for Research on Environmentally friendly Energy)

Visiting positions: University of British Columbia (1989),
University of California, Berkeley (1994 and 2008-09)

Experience with emphasis on work related to energy, environment-friendly energy and climate change:

Have been working on energy and environmental research since 1984, and as a project leader within these fields every year since 1990. Have also worked on empirical industrial organization. Have been project leader for projects funded by the Norwegian Research Council under the programs PETROPOL, PETROSAM, Miljø 2015, RENERGI and ENERGIX.

Awards

The 1994 prize for Outstanding Paper published in *The Energy Journal*.

Outstanding dissemination of research. The Norwegian Research Council, 2004.

Present research activities and fields of interests:

Environmental, energy and resource economics, innovation and technology development, entrepreneurship.

Selected academic and professional papers 2000-2017:

Golombek, R. and A. Raknerud: "Environmental regulations and manufacturing employment: A study on Norwegian data" i A. Ulph (red.): *Environmental Policy, International Agreements, and International Trade*, Oxford University Press, 2001.

Golombek, R. og E. Moen: "Do Voluntary Agreements Lead to Cost Efficiency?" *Journal of Economics*. Vol. 76, no. 2, 2002.

Aune, F., Golombek, R., Kittelsen, S. A. C. og K.E. Rosendahl: "Liberalising the Energy Markets of Western Europe – A Computable Equilibrium Model Approach". *Applied Economics*, 36, 2137-2149, 2004.

Aune, F., Golombek, R. and Kittelsen, S. A. C.: "Does Increased Extraction of Natural Gas Reduce Carbon Emissions?" *Environmental and Resource Economics*, 29 (4): 379-400, 2004.

Golombek, R. og M. Hoel: "Unilateral Emission Reductions and Cross-Country Technology Spillovers", *Advances in Economic Analysis & Policy*. Vol. 4: No. 2, Article 3, 2004. <http://www.bepress.com/bejeap/advances/vol4/iss2/art3>

- Golombek, R. and M. Hoel: "Climate Policy under Technology Spillovers". *Environmental and Resource Economics*, Vol. 31, no. 2. 2005.
- Golombek, R and M. Hoel: "Global warming and other transboundary environmental problems" in Olav Bjerkholt and Xizhe Ping (red.): *Frontier Environmental Issues*, Fudanpress, 2005
- Golombek, R. and M. Hoel: "Second Best Climate Agreements and Technology Policy". *Advances in Economic Analysis & Policy*. Vol. 6: No. 1, Article 1, 2006.
<http://www.bepress.com/bejeap/advances/vol6/iss1/art1>.
- Golombek, R. and M. Hoel: "Climate agreements and technology spillovers – a modeling approach", *Aquatic Ecosystem Health & Management* 9, 319-325, 2006
- Golombek, R. and M. Hoel (2008): "Endogenous technology and tradable emission quotas". *Resource and Energy Economics*, 30 (2), 197-208.
- Aune, F., Golombek, R., Kittelsen, S. A. C. and K. E. Rosendahl: *Liberalizing European Energy Markets - An Economic Analysis*. Edward Elgar Publishing, 2008.
- Golombek, R., Greaker, M. and M. Hoel (2010): "Carbon Taxes and Innovation without Commitment". *The B.E. Journal of Economic Analysis & Policy*: Vol. 10: Iss. 1, Article 32. Golombek, R., Greaker, M. and M. Hoel (2010): "Carbon Taxes and Innovation without Commitment". *The B.E. Journal of Economic Analysis & Policy*: Vol. 10: Iss. 1, Article 32.
- Golombek, R., and M. Hoel (2011): "International cooperation on climate-friendly technologies", *Environmental and Resource Economics*, Vol 49. (4), 473-490.
- Golombek, R., M. Greaker, S.A.C. Kittelsen, O. Røgeberg and F.R. Aune (2011): Carbon capture and storage in the European power market. *The Energy Journal*, Vol. 32 (3), 209-237.
- Golombek, R., S.A.C. Kittelsen and I. Haddeland (2012): Climate change: impacts on electricity markets in Western Europe, *Climatic Change*, 113, 357-370.
- Golombek, R., S.A.C. Kittelsen and K.E. Rosendahl (2013): Price and welfare effects of emission quota allocation, *Energy Economics* 36, 568–580.
- Golombek, R., K. A. Brekke and S.A.C. Kittelsen (2013): "Is electricity more important than natural gas? Partial liberalizations of the Western European energy markets". *Economic Modelling*, 35, 99-111.
- Aune, F.R., R. Golombek, S. Jaehnert, H. Hallre Le Tissier, S. Völler and Ove Wolfgang (2015): «Mot et grønnere Europa: Virkninger av EUs klimapolitikk for 2030.» (Towards a greener Europe: Impacts of EUs climate policy) *Samfunnsøkonomen*, nr. 3, p. 34-46.
- Golombek, R., M. Greaker and S. Kverndokk (2015): "Virkemidler som kan fremme utvikling og bruk av miljøteknologi". Elektronisk vedlegg 3 til NOU 2015:15 Sett pris på miljøet. (Measures to spur development and diffusion of environmentally friendly technology. Electronic supplement 3 to the Report of green tax commission: Enjoy the Environment.
- Aune, F.R., R. Golombek, A. Moe, K.E. Rosendahl and H. Hallre Le Tissier (2015): Liberalizing Russian gas markets – an economic analysis. *Energy Journal*, Vol. 36, Adelman special issue, 63-97.

- Aune, F. R., R. Golombek, A. Moe, K. E. Rosendahl and H. H. Le Tissier (2016): Eksport av russisk gass til Europa (Exports of Russian natural gas to Europe). *Samfunnsøkonomen*, nr. 2, p. 10-19.
- Golombek, R. and S. Kverndokk (2016): Paris-avtalen: Konsekvenser for EU og Norge. (The Paris-agreement: Implications for the EU and Norway). *Samfunnsøkonomen*, 2, 27-36.
- Brekke, K.A., R. Golombek, M. Kaut, S.A.C. Kittelsen and S.W. Wallace (2017): Stochastic energy market equilibrium modeling with multiple agents. *Energy*, 134, 984-990.
- Aune, F. R., R. Golombek, A. Moe, K. E. Rosendahl and H. H. Le Tissier (2017): The future of Russian gas Export. *Economics of Energy & Environmental Policy*, forthcoming.
- Golombek, R. and A. Raknerud (2018): Exit dynamics of start-up firms: Structural estimation using indirect inference. *Journal of econometrics*, forthcoming.