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Present positions: Director, Ragnar Frisch Centre for Economic Research
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Date of birth: January 6th, 1956
Nationality: Norwegian
Education: Ph.D. in Economics (Dr.Polit.) from University of Oslo, 1998.
Degree in Economics (Cand.Polit.) from University of Bergen,
1985.
Supporting intermediate (1½ year) course in Social Anthropology
and foundation (1 year) courses in Comparative Politics
and in Information Science.
Previous Employment: Research Assistant, University of Bergen, 1984-1985
Research Economist, SAF – Centre for Applied Research
(changed name to SNF – Foundation for Research in
Economics and Business Administration from
1.1.1991), 1985 -1998
Assistant Professor, TDH – Telemark College, 1988-1990
Associate Professor, TDH – Telemark College, 1990-1991
Research Fellow, Frisch Centre, 1999-2004
Senior Research Fellow, Frisch Centre, 2004-2016
Deputy Director, Frisch Centre, 2012-2016
Awards: Third Adam Smith award in mental health economics and policy
research, 2007
Main research fields: Production theory, Efficiency measurement, Health Economics,
Energy markets, Climate change and General
Equilibrium modelling

Other experience:

Member of Ministry of Finance's Commission on Medium and Long-term Economic
Perspectives 1986-1988
Referee European Economic Review, Recherces Economiques de Louvain , Journal of
Productivity Analysis, Management Science, European Journal of Operations
Research, Utilities Policy, Energy Journal, Health Economics, Scandinavian Journal
of Economics, Journal of Mental Health Policy and Economics, Resource and
Energy Economics, Omega, Health Care Management Science
Visitor at Center for Operations Research and Econometrics (CORE), 1992, University of
Cambridge, 1997, Universitat Autònoma de Barcelona, 2006, University of Southern
Denmark, Odense, 2012
Acting research coordinator of Health Economics Research programme at the University of
Oslo (HERO), 1998-1999, Member of executive board HERO, 1998-2005
IT Manager, Ragnar Frisch Centre for Economic Research, 1993-2011.
Data protection ombudsman, Ragnar Frisch Centre for Economic Research, 2009-2012
PhD supervision, Ingrid Huitfeldt, University of Oslo, 2012-2016.
PhD committees, University of York, University of Southern Denmark.

Guest editor, *Nordic Economic Policy Review* 2012 no 2.
Editorial board, *Nordic Journal of Health Economics*, 2010-

Recent books and articles in English:

- Anthun KS, Kittelsen SAC, Magnussen J. (2017). Productivity growth, case mix and optimal size of hospitals. A16-year study of the Norwegian hospital sector. *Health Policy*. DOI: 10.1016/j.healthpol.2017.01.006.
- Aune, F.R.; Golombek, R.; Kittelsen, S.A.C. and Rosendahl, K.E. (2008): *Liberalizing European Energy Markets - an Economic Analysis*. Cheltenham, UK and Northampton, MA, USA: Edward Elgar.
- Brekke, K.A., R. Golombek, M. Kaut, S.A.C. Kittelsen, S.W. Wallace (2017): Stochastic energy market equilibrium modeling with multiple agents, *Energy*, 134, pp 984-990.
- Edvardsen, D.F.; Førsvund, F. and Kittelsen, S.A.C. (2008): "Far out or Alone in the Crowd: A Taxonomy of Peers in DEA." *Journal of Productivity Analysis*, 2008, (29), pp. 201-10.
- Edvardsen DF, Førsvund FR, Kittelsen SAC. (2017). Productivity development of Norwegian institutions of higher education 2004–2013. *Journal of the Operational Research Society* 1-17. DOI: 10.1057/s41274-017-0183-x.
- Førsvund, Finn R., Dag Fjeld Edvardsen and Sverre A. C. Kittelsen (2015): "Productivity of Tax Offices in Norway", *Journal of Productivity Analysis*, 43 (3): 269-279. DOI: 10.1007/s11123-015-0435-1.
- Førsvund, Finn R., Sverre A. C. Kittelsen, Vladimir E. Krivonozhko (2009): "Farrell Revisited: Visualising properties of DEA Production Frontiers", *Journal of the Operational Research Society*, 60, 1535-1545, doi: 10.1057/jors.2008.185
- 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(0): 99-111.
- Golombek, Rolf, Mads Greaker, Sverre A.C. Kittelsen, Ole Røgeberg and Finn Roar Aune, (2011): Carbon Capture and Storage Technologies in the European Power Market, *Energy Journal*, Vol. 32, No. 3, 209-237
- Golombek, R., S.A.C. Kittelsen and I. Haddeland, (2012): Climate change: impacts on electricity markets in Western Europe, *Climatic change*, Volume 113, Issue 2 (2012), Page 357-370, DOI: 10.1007/s10584-011-0348-6
- Golombek, Rolf, Sverre A.C. Kittelsen and Knut Einar Rosendahl, (2013): Price and welfare effects of emission quota allocation, *Energy Economics* 36, 568-580, <http://dx.doi.org/10.1016/j.eneco.2012.11.006>
- Halsteinli, V., Kittelsen, S.A.C. and Magnussen, J. (2010): "Productivity growth in outpatient child and adolescent mental health services: The impact of case-mix adjustment." *Social Science and & Medicine* 70: 439-446.
- Heijink, Richard, Peter Engelfriet, Clas Rehnberg, Sverre A.C. Kittelsen, Unto Häkkinen (2015): "A window on regional variation in healthcare: insights from EuroHOPE", *Health Economics*, 24: 164-177.
- Iversen, Tor and Kittelsen, Sverre A. C. (2012): "Challenges in health care financing and provision", *Nordic Economic Policy Review*, 2/2012, 7-22.
- Johannessen KA, Kittelsen SAC, Hagen TP. (2017). Assessing physician productivity following norwegian hospital reform: A panel and data envelopment analysis. *Social Science & Medicine* 175: 117-126. DOI: 10.1016/j.socscimed.2017.01.008.
- Kittelsen, Sverre A.C., Kjartan S. Anthun, Fanny Goude, Ingrid M.S. Huitfeldt, Unto Häkkinen, Marie Kruse, Emma Medin, Clas Rehnberg, Hanna Rättö (2015): "Costs and quality at the hospital level in the Nordic countries", *Health Economics*, 24 (Suppl. 2): 140-163.
- Kittelsen, S.A.C, Person, B.A., Anthun, K.S, Goude, F., Hope, Ø., Häkkinen, U., Kalseth, B.,

- Kilsmark, J., Medin, E., Rehnberg, C., Rättö, H. (2015): “Decomposing the productivity differences between hospitals in the Nordic countries”, *Journal of Productivity Analysis*, 43(3),281-293. DOI:10.1007%2Fs11123-015-0437-z
- Linna, M., U. Häkkinen, M. Peltola, J. Magnussen, K.S. Anthun, S. Kittelsen, A. Roed, K. Olsen, E. Medin and C. Rehnberg (2010): Measuring cost efficiency in the Nordic Hospitals -a cross-sectional comparison of public hospitals in 2002, *Health Care Management Science* , 13 (4): 346-357.
- Medin E, Anthun KS, Häkkinen U, Kittelsen SAC, Linna M, Magnussen J, Olsen K, Rehnberg C. (2011): Cost efficiency of university hospitals in the Nordic countries: a cross-country analysis, *European Journal of Health Economics*, 12(6), 509-515. DOI: 10.1007/s10198-010-0263-1
- Medin E, Häkkinen U, Linna M, Anthun KS, Kittelsen SAC, Rehnberg C. (2013): International hospital productivity comparison: experiences from the Nordic countries, *Health Policy*, 112 (1), 80-87.

Current submissions and revisions:

- Hoel, Michael, Sverre A.C. Kittelsen, Snorre Kverndokk: “Pareto Improving Climate Policies: Distributing the benefits across generations and regions”, (Also as CESifo Working Paper no. 5487).
- Kittelsen, SAC, KS Anthun, U Häkkinen, M Kruse, C Rehnberg: «Scale and quality in Nordic hospitals”.

Selected papers in Norwegian:

- Anthun, K.S., S.A.C. Kittelsen, J. Magnussen (2016): Produktivitet i spesialisthelsetjenesten. WP 7/2016, HERO, UiO.
- Brekke, K.A., R. Golombek, M. Kaut, S.A.C. Kittelsen and S. Wallace (2013): Modellering av usikkerhet i CGE modeller med stokastisk scenariometode (“Modeling of uncertainty in CGE models using the stochastic scenario method“), *Samfunnsøkonomen*, Nr.2, 16-26.
- Edvardsen, Dag Fjeld, Finn R. Førsum og Sverre A.C. Kittelsen (2010), Effektivitets- og produktivitetsanalyser på StatRes-data. Rapport 2/2010, Frischsenteret.
- Edvardsen DF, Førsum FR, Kittelsen SAC. (2014). Produktivitetsanalyse av universitets- og høgskolesektoren 2004 - 2013, Rapport 3/2014, Frischsenteret.
- Førsum, Finn R. og Sverre A.C. Kittelsen (2010), Produktivitet i skatteetaten 2006-2009 med regioner som enhet. Rapport 5/2010, Frischsenteret.
- Golombek, Rolf, Sverre A.C. Kittelsen og Knut Einar Rosendahl, 2012: Tildeling av klimakvoter i Europa, *Samfunnsøkonomen* , nr 2, 30, 30-37
- Golombek, Rolf., Sverre .A.C. Kittelsen, Ole Løfsnæs og Arndt von Schemde, 2011: Hvordan påvirkes kraftsektoren av klimaendringer?, *Samfunnsøkonomen* , nr 3, 55-62
- Kalseth, Birgitte, Kjartan Sarheim Anthun, Øyvind Hope, Sverre A C Kittelsen og Benny Adam Persson (2011): Spesialisthelsetjenesten i Norden. Sykehusstruktur, styringsstruktur og lokal arbeidsorganisering som mulig forklaring på kostnadsforskjeller mellom landene, Rapport A19615, SINTEF, Trondheim.
- Kittelsen SAC, Anthun KS, Huitfeldt IMS. (2017). Kvalitet og produktivitet i norske sykehus. *Michael 14* (Supplement 19): 75-8
- Kittelsen, Sverre A.C., Kjartan Sarheim Anthun, Birgitte Kalseth, Jorid Kalseth, Vidar Halsteinli og Jon Magnussen (2009): En komparativ analyse av spesialisthelsetjenesten i Finland, Sverige, Danmark og Norge: Aktivitet, ressursbruk og produktivitet 2005-2007, Rapport A12200, SINTEF, Trondheim.

Selected project management:

Security of supply in a green power market - The challenges and opportunities of intermittent power, 2015-2018, EnergiX, Norwegian Research Council.

The effects of DRG-based financing on hospital performance: productivity, quality and patient selection (Frisch partner manager), 2012-2017, HELSEOMSORG, Norwegian Research Council.

Resultater av samhandlingsreformen: Bedre helse, bedre helsetjenester, bedre samfunnsøkonomi?, 2012-2015, SAMEVAL, Norwegian Research Council.

EuroHOPE - European Health Care Outcomes, Performance and Efficiency (Frisch partner manager), 2010-2013, EU 7th Framework Program

Effektevaluering av NAV-reformen: Effektivitet, 2007-2013, EVANAV, Norwegian Research Council.