

Professional C.V. of Silvester van Koten

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	Nationality	Dutch



Short Biography

He is an economist specializing in Energy Economics and Economics Experiments with a special interest in the economics of electricity markets, renewables and regulation. He received Ph.D. at CERGE-EI in 2009. He is also hold a MA in Psychology from Utrecht University. Presently, is an Associate Professor (docent) at the Department of Institutional Economics at the University of Economics in Prague and a visiting Professor at CERGE-EI and the New Economic School in Moscow.

Research

His present research appraises the effect of the structure of spot market prices on the forward premium in electricity markets and the effectiveness of self-regulating organizations using both theory and economics experiments. In previous research, he analyzed the effects of more transparent financial markets on competition and prices in the EU electricity markets, also using economics experiments.

His previous research has been published in journals such as Energy Economics, Energy Policy, European Economic Review, and the European Journal of Law & Economics. He also presented his research at numerous international conferences (such as EEA-ESEM, EARIE, ESA, EEM, and Economics of Energy Markets).

Teaching

- PhD courses: Energy Economics, Electricity Markets, and Experimental Economics.
- MA classes: Microeconomics, Game Theory, Environmental Economics, Energy Economics, International Trade, and Regulation.
- BA classes: Microeconomics, Game Theory, Environmental Economics, Energy Economics, and International Economics.

Present Positions

- 2015-present Visiting Professor at the New Economic School, Moscow.
Research and lectures on Electricity Markets and Regulation.
- 2014-present Associate Professor (Docent) at the University of Economics, Prague.
Research on Energy Economics and Experimental Economics, teaching in the Master program, and supervision over the Economics Analysis study program.

Past Positions

- 2013-2014 Assistant Professor at the University of Economics, Prague.
Research on Energy Economics and Experimental Economics and teaching in the Master program.
- 2010-2012 Jean-Monnet Fellow at the European University Institute, Florence.
Research on EU Energy Policies, Regulation, Energy and Environmental Markets, and Economics Experiments.

- 2009-2016 Post-Doc Fellow at CERGE-EI, Charles University, Prague.
Supervising Ph.D. students with dissertations on Experimental Economic and teaching in the Ph.D. program.
- 2006-2009 Junior Researcher, CERGE-EI, Charles University, Prague.
Research on Energy Economics, Auction Theory and Industrial Organization.

Publications

- 2016 Van Koten, S. and Ortmann, A., Self-Regulatory Organizations under the Shadow of Governmental Oversight: An Experimental Investigation, in Sebastian J. Goerg , John R. Hamman (ed.) *Experiments in Organizational Economics (Research in Experimental Economics, Volume 19)* Emerald Group Publishing Limited, pp.85 – 104.
- 2013 Van Koten, S. and Ortmann, A., Structural versus Behavioral Remedies in the Deregulation of Electricity Markets: An Experimental Investigation Guided by Theory and Policy Concerns. *European Economic Review* 64, 256-265. (IF 2013: 1.364)
- 2013 Van Koten, S., Ortmann, A., and Babický, V., Fairness in Risky Environments: Theory and Evidence. *GAMES* 4, 208-242.
- 2013 Van Koten, S., Legal unbundling and auctions in vertically integrated (utility) markets. *The European Journal of Law and Economics* 36 (3), 543-573. (IF 2013: 0.330)
- 2012 Van Koten, S., Merchant interconnector projects by generators in the EU: effects on profitability and allocation of capacity. *Energy Policy* 41, 748–758. (IF 2012: 2.743)
- 2008 Van Koten, S. and Ortmann, A., The unbundling regime for electricity utilities in the EU: A case of legislative and regulatory capture? *Energy Economics* 30(6), 3128-3140. (IF 2008: 2.248)
- 1996 Raaijmakers, M., Van Koten, S. and Molenaar, P.C.M., On the validity of simulating stagewise development by means of PDP networks: application of catastrophe analysis and an experimental test of rule-like network performance. *Cognitive Science* 20(1), 101-136. Available at <http://www.cogsci.rpi.edu/CSJarchive/1996v20/i01/p0101p0136/MAIN.PDF>. (IF 1996: 1.867)

Recent Working Papers and work in Progress

- 2018 German Wind Auctions Modeled as a Participation Game. Proceedings of the 2018 15th International Conference on the European Energy Market (EEM). Project in progress.
- 2018 Does a currency change-over increase inflation (perception)? Experimental evidence. In progress.
- 2018 Self-regulation and meta-regulation – regulating the members or the SRO? A theoretical and experimental study. In Print as a CERGE-EI Working Paper. Project in progress.
- 2018 Forward Premia in Electricity Markets: Experimental Evidence. In progress.
- 2018 Forward Premia in Electricity Markets: A Correction. In progress
- 2013 Van Koten, S. Do Emission Trading Schemes Facilitate Efficient Abatement Investments? An Experimental Study. CERGE-EI Working Paper 504. In progress

Grants and Awards

- 2017-2020 Research grant of €100.000 for research project “Auctions for renewable capacity: an

experimental study” from the Grant Agency of the Czech Republic.

- 2015-2018 Research grant of **€125.000** for research project “Forward premia in electricity markets: an experimental study” from the Grant Agency of the Czech Republic.
- 2014-2015 Research grant of **€18.500** for research project “Financial electricity markets” from the Internal Grant Agency of the University of Economics in Prague, Czech Republic.
- 2011-2014 Research grant of **€60.000** for research project “Regulation in energy and other markets: Theoretical and Experimental Investigations” from the Grant Agency of the Czech Republic.
- 2010 Competent Leader award from Toastmasters International.
- 2009 Competent Communicator award from Toastmasters International.
- 2009 The 2nd prize (and **€2000**) in the Loyola de Palacio dissertation competition.
- 2007-2009 Research grants of **€12.000** for research project “The effects of incomplete unbundling on welfare in the Czech and European electricity markets” from the Czech Grant Agency of Charles University (GAUK).

Teaching and Non-Academic Positions

- 2017-october Head of Department of Institutional, Environmental and Experimental Economics at the University of Economics in Prague.
- 2015-present Visiting Professor teaching Electricity Markets and Regulation for the MA program at NES, Moscow. Lecturer on Experimental Economics for the PhD program at CERGE-EI, Prague
- 2014- 2018 Lecturer on Energy Economics for the PhD program at CERGE-EI, Prague. Lecturer on topics such as Microeconomics, Game Theory, Energy Economics and International Trade at the University of Economics in Prague.
- 2012-2014 Visiting Professor at the Presidential Academy of National Economy and Public Administration (<http://magistratura.ane.ru/>) in Moscow for topics such as Microeconomics and Game Theory.
- 2013-2015 Lecturer on Energy Economics and Regulation for the MA program at CERGE-EI, Prague.
- 2012-2013 FSR Energy Training Adviser and Course Director on REMIT, Florence School of Regulation, Florence.
- 2012 Visiting Professor teaching Energy Economics at the University of Economics (VŠE), Prague.
- 2009 Visiting Professor teaching Energy Economics and Regulation for the MA program at ISET, Tbilisi.
- 2001-2008 Invited lecturer in Economics (Microeconomics, Statistics, and International Economics) at the Faculty of Social Sciences of the Charles University, the University of New York in Prague and the University of Economics, Prague.
- 1997-1998 System Developer, Ernst & Young Managing Consultants, Utrecht, the Netherlands.

Education

- 2009 Ph.D. in Economics at CERGE-EI, Charles University, Prague (Czech Republic).
Specialization: Energy Economics, Industrial Organization, and Auction Theory. The dissertation received the 2nd prize (and €2000) in the EUI-Loyola de Palacio dissertation competition. All dissertation chapters have been published in refereed journals.
- 2004 M.A. in Economics, CERGE-EI, Charles University, Prague. Specialization: Industrial Organization, Financial Markets and Public Economics.
- 2002 PhDr. and M.A. in Economics, Faculty of Social Sciences, Charles University, Prague.
- 1994 Drs. (equivalent to M.A) in Theoretical Psychology, Utrecht University (The Netherlands).
- 1989 Propaedeutic diploma in Mathematics, Utrecht University.

My presentations and workshops at Conferences

- 2018
- SEAM 2018 in Bratislava
 - EEM 2018 in Lodz
 - ENERDAY 2018 in Dresden
- 2017
- WINYR 2017 in Boston
 - Armenian Economic Association in Yerevan
- 2016
- ENERDAY 2016 in Dresden
- 2015
- Presenting at the energy seminar at TU Cottbus
 - ZEW ENERGY 2015 Conference at ZEW in Mannheim.
 - ENERDAY 2015 in Dresden
- 2014
- ESA 2014 in Prague
 - Workshop on Behavioral Economics and Industrial Organization in Budapest
 - Bratislava Economic Meeting 2014
 - ENERDAY 2014 in Dresden
- 2013
- ESA 2013 in Zurich
 - ZEW ENERGY 2013 Conference in Mannheim.
 - ENERDAY 2013 in Dresden
 - Workshop on Presentation Skills for Toastmasters in the Czech Republic
 - 13th Czech Energy Congress in Prague
 - the 8th Economics of Energy Markets conference in Toulouse
- 2012
- 7th Alambra Experimental Workshop in Granada.
 - Presentation on Negotiation for Business Toastmasters in Prague
 - ZEW ENERGY 2012 Conference in Mannheim.
 - International Conference on the European Energy Market (EEM 2012) in Florence
 - ENERDAY 2012 in Dresden
 - Young Energy Economists and Engineers Seminar (YEEES 2012) in Berlin
 - Robert Schuman Centre for Advanced Studies seminar (RSCAS 2012) in Florence
 - Webinar on “basic principles of transmission”

- 2011
- Young Energy Economists and Engineers Seminar (YEEES 2011) in Madrid
 - The 20th CERGE-EI Anniversary Alumni Conference in Prague
 - Young Energy Economists and Engineers Seminar (YEEES 2011) in Dresden
 - Workshop on Behavioral and Experimental Economics in Florence
 - Robert Schuman Centre for Advanced Studies seminar (RSCAS 2011) in Florence
 - University Seminar in Siena
 - CERGE-EI Seminar Series 2012 in Prague
 - Prague Economic Meeting (PEM 2011) in Prague
 - SCoRE seminar February 2011 of the Loyola de Palacio Chair in Florence
 - Workshop on Change Management for Toastmasters in Prague
- 2010
- Presentation at the Max Planck Institute in Jena
 - Presentation at the Humboldt University
 - SCoRE workshop on Presentation Skills for the Loyola de Palacio Chair in Florence
 - SCoRE December 2010 seminar of the Loyola de Palacio Chair in Florence
 - SCoRE November 2010 seminar of the Loyola de Palacio Chair in Florence
 - Young Energy Economists and Engineers Seminar (YEEES 2010) in Dublin
 - Quantitative Analysis of Energy Markets (QAoEM 2010) in Verona
 - Economic Science Association (ESA 2010) Conference in Copenhagen
 - Workshop on Presentation Skills for Toastmasters in Prague
 - Presentation at Royal Economic Society (RES 2010) Easter school by Richard Green in Birmingham
 - Royal Economic Society (RES 2010) Conference in Guildford
 - Loyola de Palacio Workshop and Best PhD Prize Ceremony in Florence
 - Workshop on Presentation Skills for Toastmasters in Prague
- 2009
- Conference of the European Association for Research in Industrial Economics (EARIE 2009) in Ljubljana
 - European Economic Association meeting (EEA-ESEM 2009) in Barcelona
 - Royal Economic Society Fourth PhD Presentation Meeting in London
- 2008
- European Economic Association meeting (EEA-ESEM 2008) in Milan
 - 3rd International symposium on economic theory, policy and applications in Athens
 - Energy Challenges in Northern Europe in Turku
- 2007
- European Economic Association meeting (EEA-ESEM 2007) in Budapest
- 2006
- New Competitive Tools and Smart Regulators' Policy 2006 in Paris

Professional Trainings (as participant)

- 2014
- ENERTRAIN in Advanced Electricity Sector Modeling (5-day training) at TU Berlin.**
- 2013
- Energy Policy Conference by EnBW, CEEPR-MIT and TU Berlin.**
- Paths towards a New Energy Market Design
- 2012
- Workshops and trainings at the Florence School of Regulation:**
- Regulation of gas Markets, Consumer Protection (IERN), TPA and Unbundling Exemptions, European incentive regulation for TSOs
- 2011
- Workshops and trainings at the Florence School of Regulation:**
- Economic Regulation of TSOs and DSOs, One-on-one webinar training, Regulation of energy utilities, The FSR & BNetzA Forum on Regulatory and Legal Energy Issues

- 2010 **Workshops and trainings at the Florence School of Regulation:**
 - Investment, Financing and Regulatory Framework for Crossborder Infrastructures: Law & Policy Perspectives, FSR & BNetzA Forum on Legal Issues of Energy Regulation, Empirical Implications of Theoretical Models Summer Institute (EITM 2010) in Mannheim
- 2008-2010 Public speaking training at the Prague division of Toastmasters International. Awarded the titles of Competent Communicator and Competent Leader.
- 2009 Institutional Workshop of the Coase Institute in Bratislava
- 2008 Econometric Society Winter Meetings in Cambridge
- 2007 Workshop on Teaching Economics with Experiments by James Cox, Susan Laury, and Todd Swarthout in Bratislava

Professional Service:

- Referee Energy Journal, Energy Policy
- Referee Grant Agency of the Charles University in Prague

Knowledge of languages:

- Fluent Czech, Dutch, and English.
- Intermediate Danish and German.
- Basic Russian.

Interactive economic software simulations:

- Electricity market competition (long-term) An interactive simulation that can accompany lectures on (long-term) investment in power generation in an energy-only market using screening and load-duration analysis. Students make choices to invest in different kinds of generation (nuclear, coal, gas, wind, oil) and receive direct feedback. Students can play in monopoly (regulated) or oligopoly (unregulated) mode.
- Electricity market competition (short-term) An interactive simulation that can accompany lectures on short-term production choices in power generation when renewables have mandatory dispatch (as in Germany). Students make choices to produce with different kinds of generation (nuclear, coal, gas, wind, oil) and receive direct feedback. Students can play in monopoly (regulated) or oligopoly (unregulated) mode.

Programming:

Python, Django framework, Mathematica, STATA, z-Ttree.