

Curriculum Vitae

by

Dr. Andrea Kollmann



INFORMATION ABOUT THE PERSON

First name/Last name Andrea Kollmann
Phone 0732/2468 – 5660
email Kollmann@energieinstitut-linz.at
Office: HF 322, Campus of the JKU Linz

TRAINING

2004 - 2008 Doctor of Social and Economic Sciences, October 2008
Johannes Kepler University Linz, Austria
Dissertation: “Analyse der regionalökonomischen Auswirkungen der Sanierung von Einfamilienwohnhäusern aus der Bauperiode 1945-1980 in Oberösterreich unter Verwendung des makroökonomischen Modells MOVE”.
Supervised by Univ.Prof. Dipl.Ing. Dr. Reinhard Haas (TU Wien) and Prof. Dr. Dr.h.c.mult. Friedrich Schneider (University Linz)

1998 - 2004 Magistra in Economics, January 2004
Johannes Kepler Universität Linz, Austria
Thesis: “Quantitative Messung der Entwicklung zur Wissensgesellschaft : eine Anwendung der Faktorenanalyse zur Reduktion und Strukturierung der Informationsfülle über die Wissensgesellschaft”
Supervised by Prof. Dr. Karl Aiginger (University Linz, WIFO)

PROFESSIONAL EXPERIENCES

- since Jul 2009 Key Scientist and Senior Project Manager at the Energieinstitut an der Johannes Kepler Universität Linz (EI-JKU)
- Sept 2008 - Jun 2009 Research Associate at the Institute for Environmental Management in Companies and Regions at the Johannes Kepler University Linz
- Apr 2004 - Jul 2009 Research Associate at the Energieinstitut an der Johannes Kepler Universität Linz (EI-JKU)
- Mar 2001 - Feb 2004 Study Assistant at the Department for Economics at the Johannes Kepler University

PUBLICATIONS

BOOKS AND BOOK CHAPTERS

- Reichl, R., Azarova, V., Cohen, J.J. and **A. Kollmann** (2019) *Entwicklung und Feldtest einer Smartphone App: Energiemanagement für Haushalte*. In: Steinmüller, H., Hauer, A. and F. Schneider (eds) *Energiewirtschaftliches Jahrbuch 2019*. pp.135-148. NWV Verlag, Wien, Austria.
- Schneider F., **Kollmann A.** and J. Reichl (2017) *Ökosoziale Marktwirtschaft in repräsentativen Demokratien: Eine empirische Analyse der Zahlungsbereitschaft von EU-Bürgern für Umweltschutz*. In: Theuvsen, L., Andeßner, R., Gmür, M. and D. Greiling (eds) *Nonprofit-Organisationen und Nachhaltigkeit*. NPO-Management. Springer Gabler, Wiesbaden, Germany.
- Tötzer, T., **Kollmann, A.**, Barz, T. and V. Schaffler (2017) *Smart Energy for Smart Industry*. In: Steinmüller, H., Hauer, A. and F. Schneider (eds) *Energiewirtschaftliches Jahrbuch 2017*. pp. 37-56. NWV Verlag, Wien, Austria.
- Kollmann, A.**, Schneider, F. and J. Reichl (2015) *Introduction*. In A. Kollmann, F. Schneider & J. Reichl (Eds.), *Political Economy and Instruments of Environmental Politics*. pp. 1–7. The MIT Press.
- Kollmann, A.** and J. Reichl (2015) *How Trust in Governments influences the Acceptance of Environmental Taxes*. In A. Kollmann, F. Schneider & J. Reichl (Eds.), *Political Economy and Instruments of Environmental Politics*. pp. 53–69. The MIT Press.
- Goers, S., Baresch, M., **Kollmann, A.**, Schneider, F., Steinmüller, H. and R. Tichler (2015) *Green jobs: Status Quo und Wachstumspotentiale in Oberösterreich*. In: Steinmüller, H., Hauer, A. and F. Schneider (eds) *Energiewirtschaftliches Jahrbuch 2017*. pp.139-154. NWV Verlag, Wien, Austria.
- Kollmann, A.**, Moser, S. and H. Steinmüller (2013) *Ein intelligentes Energiesystem*. In: Steinmüller, H., Hauer, A. and F. Schneider (eds) *Energiewirtschaftliches Jahrbuch 2013*. pp. 9-16. NWV Verlag, Wien, Austria.
- Kollmann, A.** and J. Reichl (2012) *Evaluation of Energy Efficiency Strategies in the Context of the European Energy Service Directive: A Case Study for Austria*. In: Z. Morvaj [Ed.] *Energy Efficiency - A Bridge to Low Carbon Economy*, Chapter 3, InTech, March, 2012.
- Kollmann, A.** and F. Schneider (2011). *Warum ist die Umweltpolitik in repräsentativen Demokratien unzureichend? Eine Public Choice Analyse*. In: Frank, B. Glaube und Rationalität in der Krise. Symposium zu Ehren von Hans G. Nutzinger. Metropolis Verlag. Marburg, Germany.
- Kollmann, A.** (2009) *Sanierung von Einfamilienwohnhäusern der Bauperiode 1945-1980. Analyse der regionalökonomischen Auswirkungen für Oberösterreich*. Pro Libris

Verlagsgesellschaft mbH, Linz, Austria. Dissertation.

- Reichl, J., **Kollmann, A.**, Schneider, F. and R. Tichler (2007) *Umsorgte Versorgungssicherheit. Eine empirische Analyse für den Strommarkt in (Ober-)österreich*. Trauner Verlag, Linz, Austria.
- Kollmann, A.**, Puchta, D., Reichl, J., Schneider, F. and R. Tichler (2006) *Berlin Economic Simulation Tool – BEST. A Regional Macroeconometric Model*. Trauner Verlag, Linz.
- Kollmann, A.**, Schneider, F., Tichler, R. and M. Zweimüller (2005) *Föderalismus in Österreich unter besonderer Berücksichtigung der Stadt-Umland-Problematik am Beispiel der Stadt Linz*, Trauner Verlag, Linz, Austria.

SELECTED RESEARCH PAPERS:

- Cohen, J.J., Reichl, J., Klöckner, C., **Kollmann, A.**, Salt, D., Polhill, G., Lofstrom, E., Pellegrini, G. and V. Azarova. (2021) *Tools to improve efficiency in interdisciplinary energy research projects*. Accepted for publication at Energy Research & Social Science.
- Linhart, M., Rodin, V. Moser, S. and **A. Kollmann** (2021) *Citizen Participation to Finance PV Power Plants Focused on Self-Consumption on Company Roofs—Findings from an Austrian Case Study*. Energies, 14, 738.
- Azarova, V., Cohen, J.J., **Kollmann, A.** and J. Reichl (2020) *The potential for community financed electric vehicle charging infrastructure*. Transportation Research Part D: Transport and Environment 88, 102541.
- Azarova, V., Cohen, J.J., **Kollmann, A.** and J. Reichl (2020) *Reducing household electricity consumption during evening peak demand times: Evidence from a field experiment*. Energy Policy 144, 111657.
- Azarova, V., Engel, D., Ferner, C., **Kollmann, A.** and J. Reichl (2019) *Transition to peak-load-based tariffs can be disruptive for different groups of consumers*. Nature Energy 4 (10), 829-830.
- Cohen, J.J., Azarova, V., **Kollmann, A.** and J. Reichl (2019) *Q-complementarity in household adoption of photovoltaics and electricity-intensive goods: The case of electric vehicles*. Energy Economics 83, 567-577.
- Bastida, L., Cohen, J.J., **Kollmann, A.**, Moya, A. and J. Reichl (2019) *Exploring the role of ICT on household behavioural energy efficiency to mitigate global warming*. Renewable and Sustainable Energy Reviews 103, 455-462.
- Azarova, V., Engel, D., Ferner, C., **Kollmann, A.** and J. Reichl (2018) *Exploring the impact of network tariffs on household electricity expenditures using load profiles and socio-economic characteristics*. Nature Energy 3 (4), 317-325.
- Hartner, M., Mayr, D., **Kollmann, A.** and R. Haas (2017) *Optimal sizing of residential PV-systems from a household and social cost perspective: A case study in Austria*. Solar Energy, 141, 49-58.
- Schwarz, M. and **A. Kollmann** (2014) *Wirtschaftliche Betrachtung von Netzausbau und Smart Grid-Lösungen in der Niederspannungsebene*. Elektrotechnik und Informationstechnik, 131(3), 99-104, Springer Verlag, Wien.
- Kollmann, A.**, Reichl, J., Schneider, F. (2012). *Who Is Willing to Pay for the Environment in the EU - an Empirical Analysis*. EuroEconomica, 31(5), 15-27.
- Kollmann, A.** and F. Schneider (2011) *Why Does Environmental Policy in Representative Democracies Tend to Be Inadequate? A Preliminary Public Choice Analysis*. Sustainability 2(12), 3710-3734.
- Moser S., Leutgöb K., Reichl J. and **A. Kollmann** (2011). *Making the results of bottom-up*

energy savings calculations comparable. Thermal Science, 16, 687–702.

Reichl, J. and **A. Kollmann** (2010) *The baseline in bottom-up energy efficiency and saving calculations – A concept for its formalisation and a discussion of relevant options*. Applied Energy, 88, 422-431.

Reichl, J. and **A. Kollmann** (2009) *Strategic Homogenisation of Energy Efficiency Measures: An Approach to Improve the Efficiency and Reduce the Costs of the Quantification of Energy Savings*. Energy Efficiency, 3, 189–201.

Reichl J., **Kollmann, A.**, Tichler, R. and F. Schneider, F. (2008) *The importance of incorporating reliability of supply criteria in a regulatory system of electricity distribution: An empirical analysis for Austria*, Energy Policy 36(10), 3862-3871.

CONFERENCE TALKS:

Danube Port Days, 17th November 2020, virtual event. *Energy Cooperation in Industrial Parks*.

DACH+ Energy Informatics 2019 Conference, 26-27th September 2019, Salzburg, Austria. Keynote speaker, *A Socio-Economic Perspective on Energy Informatics - Understanding the Roles of Consumers in the Energy Transition*.

Izmir University of Economics, 7th Energy Management and Policies Workshop, 2nd-3rd May 2019, Izmir, Turkey. *The ECHOES International Survey*.

Energy Utility Week 3rd-5th October 2017, Amsterdam, Netherlands, Presenter and Moderator of the Session: *Data to Reinvent the Customer Journey*.

9. Internationale Energiewirtschaftstagung an der TU Wien, 11th-13th February 2015, Vienna, Austria. *Lastverschiebungspotentiale in Haushalten, der Industrie und der kommunalen Infrastruktur*.

European Public Choice Conference, 3rd-6th April 2014, Cambridge, England. *How Trust in Governments Influences the Acceptance of Environmental Taxes*.

Smart Grids Week Graz 2014, 19th-23th May, 2014, Graz, Austria. *Smart Metering – Wer können die Nutzer im smarten Energiesystem sein; und hemmen Privacy Bedenken den technischen Fortschritt?*

Venice Summer Institute, 23th-25th July 2013, Venice, Italy. Co-Organizer (with Johannes Reichl and Friedrich Schneider) and Co-Presenter (with Johannes Reichl). *How trust in governments influences the acceptance of environmental taxes*.

Behave Conference, 20th-21st September 2012, Helsinki, Finland. *Effects of Electricity Consumption Information on Households' Consumption Pattern – Results from a Field Test in Austria*.

European Public Choice Conference 28th April -1st May 2011, Rennes, France. *Why does environmental policy in representative democracies tend to be inadequate? A preliminary Public choice analysis*.

5th Dubrovnik Conference on Sustainable Development of Energy, Water and Environment Systems, 29th September – 3rd October 2009, Dubrovnik, Croatia. *Strategic Homogenisation of Energy Efficiency Measures: An Approach to Improve the Efficiency and Reduce the Costs of the Quantification of Energy Savings*.

6. Internationale Energiewirtschaftstagung an der TU Wien, 11-13th February 2009, Vienna, Austria. *Regionalökonomische Effekte der Sanierung von Einfamilienhäuser – Analyse mit dem makroökonomischen Simulationsmodell MOVE*.

15th Annual Conference of the European Environment and Sustainable Development Advisory Councils EEAC, 10th-13th October 2007, Evora, Portugal. *Some notes on the Directive 2006/32/EC of the European Parliament and of the Council on energy end-use efficiency and energy services*.

