

# Curriculum Vitae

by

Mag.<sup>a</sup> Dr.<sup>in</sup> Andrea Kollmann

## INFORMATION ABOUT THE PERSON

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## 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 Jan 2023 Principal Research Coordinator at the Energieinstitut an der Johannes Kepler Universität Linz
- since Jul 2009 Key Scientist and Senior Project Manager at the Energieinstitut an der Johannes Kepler Universität Linz
- 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
- Mar 2001 - Feb 2004 Study Assistant at the Department for Economics at the Johannes Kepler University

## PUBLICATIONS

### RESEARCH PAPERS:

- Vesely, S., Klöckner, C.A., Carrus, G., Tiberio, L., Caffaro, F., Biresselioglu, M. E., **Kollmann, A.**, and A.C. Sinea (2022) Norms, prices, and commitment: A comprehensive overview of field experiments in the energy domain and treatment effect moderators. *Frontiers in Psychology*, 13, 967318.
- Mainar-Toledo, M.D., Castan, M.A, Millan, G., Rodin, V., **Kollmann, A.**, Peccianti, F., Annunziata E., Rizzi, F., Frey, M., Iannone, F., M., Zaldua, M. and H. Kuitinen (2022) Accelerating sustainable and economic development in Europe via industrial energy cooperation and shared services. Accepted at *Renewable Sustainable Energy Reviews*.
- Cohen, J.J., Reichl, J., Klöckner, C., **Kollmann, A.** and V. Azarova (2021) The drivers of individual climate actions in Europe. *Global Environmental Change*, 71, 102390.
- Cohen, J.J., Azarova, V., **Kollmann, A.** and J. Reichl (2021) Preferences for community renewable energy investments in Europe, *Energy Economics*, 100, 105386.
- Cohen, J.J., Reichl, J., Klöckner, C., **Kollmann, A.**, Salt, D., Polhill, G., Lofstrom, E., Pellegrini, G. and V. Azarova. (2021) Tackling the challenge of interdisciplinary energy research: A research toolkit. *Energy Research & Social Science*, 74.
- 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.

## 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.

### CONFERENCE TALKS:

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

DACH+ Energy Informatics 2019 Conference, 26-27<sup>th</sup> 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, 7<sup>th</sup> Energy Management and Policies Workshop, 2<sup>nd</sup>-3<sup>rd</sup> May 2019, Izmir, Turkey. *The ECHOES International Survey*.

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

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

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

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

Venice Summer Institute, 23<sup>th</sup>-25<sup>th</sup> 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, 20<sup>th</sup>-21<sup>st</sup> September 2012, Helsinki, Finland. *Effects of Electricity Consumption Information on Households' Consumption Pattern – Results from a Field Test in Austria*.

- European Public Choice Conference 28<sup>th</sup> April -1<sup>st</sup> 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, 29<sup>th</sup> September – 3<sup>rd</sup> 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, 11-13<sup>th</sup> February 2009, Vienna, Austria. *Regionalökonomische Effekte der Sanierung von Einfamilienhäuser – Analyse mit dem makroökonomischen Simulationsmodell MOVE.*
- 15<sup>th</sup> Annual Conference of the European Environment and Sustainable Development Advisory Councils EEAC, 10<sup>th</sup>-13<sup>th</sup> 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.*