



CURRICULUM VITAE

PERSONAL DATA

Date/Place of Birth: 7. September 1971, Rothenburg ob der Tauber
Nationality: German
Marital status: married w Claudia Löschel, children: Tilman (1999), Benno (2001), Ida (2004), Martha (2009)
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CURRENT POSITIONS

from 9/2021 Professor of Environmental/Resource Economics and Sustainability, **Ruhr-Universität Bochum**
10/21 – 9/22 Senior Fellow at the **Alfried Krupp Institute of Advanced Studies (IAS)**, Greifswald
7/14-8/21 Professor of Economics (W3), esp. Energy & Resource Economics and Director of the Centre of Applied Economic Research Münster (CAWM), **University of Münster**
since 2011 Chairman of the German Government's **Expert Commission to Monitor the Energy Transition**
since 2017 Head of the Virtual Institut **Smart Energy North Rhine-Westphalia**

RESEARCH INTERESTS AND ACADEMIC IMPACT

Energy economics and policy, climate change economics, international environmental agreements, behavioural economics, computable general equilibrium modelling

Google Scholar: 7255 citations, h-Index = 41 (26.6.2021)

Scopus: 2380 Zitationen, h-Index = 27, 99 Papiere (26.6.2021)

80 articles in (Social) Sciences Citation Index Journals, e.g., Canadian Journal of Economics, Ecological Economics, Economica, Economics Letters, Energy Economics, Environmental and Resource Economics, Environmental Research Letters, European Economic Review, Journal of Environmental Economics and Management, Journal of Economic Dynamics and Control, Journal of Public Economics, Land Economics, Nature Climate Change, Nature Energy, Nature Geoscience oder Proceedings of the National Academy of Sciences (PNAS)

Editorial board memberships: Climate Policy, Energy and Climate Change, Energy Journal, Perspektiven der Wirtschaftspolitik, Resource and Energy Economics

Editor of Special Issues: Applied Energy, China Economic Review, Economica, Economics of Energy & Environmental Policy, Energy and Buildings, Energy Economics, Energy Policy, Resources, Conservation & Recycling, Resource and Energy Economics

PROFESSIONAL EXPERIENCE

since 2018 Advisor to **Fraunhofer Society**, Munich, Germany
since 2017 Co-Director, **Australia-Germany Energy Transition Research Hub**
since 2017 Visiting Chair Professor, **University of International Business and Economics (UIBE)**, Beijing (Foreign Scholar, 111 Innovation Centre for Global Value Chains, SAFEA)
since 2015 Advisor to **Aurora Energy Research** Limited, Oxford, UK
2015-2019 Academic Head of dual degree **Master Programme "Energy Economics"**, RWTH Aachen/Univ. Münster
2015-2017 Excellency Professor (High-End Foreign Expert of the State Administration of Foreign Experts Affairs **SAFEA**, State Council, PR China), P.R. China (Guest Professor since 2013)
11/10-6/14 Professor of Economics (W3), esp. Environmental & Resource Economics, **University of Heidelberg**
8/07-6/2014 Head of the Research Department "Environmental and Resource Economics, Environmental Management" at **Centre for European Economic Research (ZEW)** (~ 22 full time researcher)
10/05–7/07 Scientific Officer, **European Commission**, DG Joint Research Centre, Institute for Prospective Technological Studies (IPTS), Seville, Spain
12/99–08/05 Senior Researcher (since 2005 with tenure) at **ZEW**

EDUCATION

6/2009	Habilitation (Dr. rer. pol. habil.), Oldenburg University , university teaching credential for economics (Habilitation Title: Sustainability Impact Assessment with CGE Models)
2003	Dissertation (Dr. rer. pol.), Department of Economics, University of Mannheim , Germany (Dissertation Title: Economic Impacts of Climate Change Policy, summa cum laude)
9/03–12/03	Studies in the “Program on Negotiation” at Harvard University , Massachusetts Institute of Technology (MIT) and Fletcher School of Diplomacy, Tufts University , Cambridge (Mass.), USA
11/92–10/98	Diploma in Economics (Diplom-Volkswirt), University of Erlangen-Nuremberg , Germany
9/94–5/95	M.A., Economics, Wayne State University , Detroit, USA
8/93–9/93	Studies in Economics, University of California, Los Angeles (UCLA), USA

RESEARCH VISITS AND AFFILIATIONS

7/21-9/22	Senior Fellow, University of Greifswald and Alfried-Krupp Wissenschaftskolleg (IAS)
since 6/2021	Invited Researcher, J-PAL King Climate Action Initiative, MIT
since 2019	Research Associate, Institute of Economics, University of Barcelona
since 2016	CESifo Research Network Fellow, CESifo , Munich
since 2014	Research Associate, ZEW , Mannheim
since 2013	Guest Professor, University of International Business and Economics (UIBE) , Beijing
since 2010	Research Associate, CCEP, Australian National University (ANU) , Canberra, Australia
6/19-8/19	Visiting Fellow, Australian National University (ANU) , Canberra, Australia
4/17-7/17	Oxford Martin Visiting Fellow, Oxford University
4/13	Senior Visiting Scholar, Tsinghua University , Beijing, China
9/15, 10/11	Visiting Researcher, Crawford School of Economics & Government,
10–11/2010	Australian National University (ANU) , Canberra, Australia
09/2010	Economist Visitors Programme, European Commission (DG Enterprise & Industry)
9/06–8/07	Visiting Professor in Economics, University Pablo de Olavide , Seville, Spain
5/05–7/05	Visiting Scholar, Department of Economics, Stanford University , Stanford, CA, USA
5/2004	Visiting Scholar, Joint Program on the Science and Policy of Global Change,
8–12/2003	Massachusetts Institute of Technology (MIT) , Cambridge (Mass.), USA

AWARDS AND HONOURS

since 2018	Lead author, Sixth assessment report, Working group III (Chapter 6 Energy Systems), Intergovernmental Panel on Climate Change (IPCC)
since 2018	Member of the German-Japanese Energy Transition Council (GJETC) supported e.g. by Japan Ministry of Economy, Trade and Industry (METI), German Federal Foreign Office, Federal Ministry for Economic Affairs and Energy, Federal Environment Ministry
since 2017	Member of the Scientific Commission of the State of Lower Saxony
since 2016	Elected Member of the National Academy of Science and Engineering (acatech)
2021	Senior Fellowship, Alfried-Krupp Wissenschaftskolleg , Greifswald
2020	Member of the Working Group “Energy transition 2030: Europe’s path to carbon neutrality”, German National Academy of Sciences Leopoldina , acatech and the Union of the German Academies
2013 - 2020 (continually)	Among the 50 most influential economists in Germany in the Frankfurter Allgemeine Zeitung (F.A.Z.) Ranking of Economists
2019	ACT-ANU Energy Expert-in-Residence , Australian Capital Territory (ACT) and Australian National University (ANU), Canberra
2017	Oxford Martin Visiting Fellowship, University of Oxford
2017	Handelsblatt ranking of German speaking economists Top-100 Economists (current research), Top-100 Economists under 40 (2011, 2010, 2008, 2007)
2010, 2011	Scholarship of the German Academic Exchange Service (DAAD) for research visit at ANU
2010-2014	Lead author, Fifth assessment report, Working group III (Chapter 6 Assessing Transformation Pathways), Intergovernmental Panel on Climate Change (IPCC)
2005	Scholarship of Fritz Thyssen Foundation for research visit at Stanford University
2004	Award of the Karin Islinger Foundation for doctoral thesis, University of Mannheim
2000	German Student Research Prize (First Prize) of the Körber Foundation for diploma thesis on privatizing old age security
1998–2001	Scholarship of the German Science Foundation for doctoral studies at the University of Heidelberg and the University of Mannheim
1998	Award for best diploma examination, Wiso-Fakultätsbund Nuremberg
1995–1998	Scholarship of the Friedrich Naumann Foundation

OTHER ACADEMIC ACTIVITIES

seit 2021	Mitglied im Scientific Advisory & Project Boards (SAPB), 50Hertz Transmission
since 2021	Member of Advisory Board, EPICO - Energy and Climate Policy and Innovation Council e.V.
since 2020	Member of Scientific Advisory Board, Institut for Energy (EWI), University Cologne
since 2019	Member of the Advisory Board, Agora Energiewende
since 2019	Member of the Scientific Advisory Board, Deutsches Institut für Wirtschaftsforschung (DIW)
since 2019	Member of the International Advisory Board, Wuppertal Institut
since 2013	Member of the Board of Trustees of the Academy Project "Energy systems of the future", German Academies of Sciences (Leopoldina, Union, acatech)
since 2013	Member of the Working Group for Ecological Affairs of the German Bishops' Conference
2020	Member of the advisory board, "Feasibility study on a German-Australian hydrogen supply chain based on renewable energies (HySupply)", acatech - German Academy of Science and Engineering and the Federation of German Industries (BDI)
2014-2017	Member of the External Advisory Board of the DFG Exzellency Cluster "Integrated Climate System Analysis and Prediction" (ClISAP) at the Universität Hamburg
2014-2016	Lead Author, Global Environment Outlook (GEO-6) of the UN Environment Programme (UNEP) (Regional Assessment: Climate and Energy in Europe)
2012	Member of the German delegation at the International Maritime Organisation MEPC 64 meeting in London, UK
2007	Member of the Delegation of the European Commission at the UNFCCC Climate Conference in Bali, Indonesia, Presentation at climate change conferences at Poznan (2008), Barcelona (2009), Copenhagen (2009), Durban (2011), Warsaw (2013), Lima (2014)
since 2006	Member of the Standing Research Committee on Environmental and Resource Economics , German Economic Association
2002-2009	Participation in studies on "Multi-Gas Mitigation and Climate Change" (EMF 21) (2002-2004), "Climate Change Scenarios: U.S. Domestic and International Policy Architectures" (EMF 22) (2004-2009) Energy Modeling Forum (EMF), Stanford University

RESPONSIBILITIES AT THE UNIVERSITY OF MÜNSTER

2021	Board Member, Center of Interdisciplinary Sustainability Research (ZIN)
2019-2021	Principal Investigator, " Excellence Start-up Center.NRW ", University of Münster, commissioned by Ministry of Economics, Innovation, Digitisation and Energy of the State of North Rhine-Westphalia
2018-2021	Member of the Senate of the University of Münster
2016-2021	Speaker of the Section Economics , School of Business and Economics, University of Münster
2016-2021	Member of the Advisory Board MEET Batterieforschungszentrum (Münster Electrochemical Energy Technology) at the University of Münster
2016-2021	Director of the Zentralinstitut für Raumplanung (Central Institute for Spatial Planning)
2019/2020	Chairman of the selection committee "Professor of Economics (W3 level) with a focus on microeconomics / industrial organization"
2019/2020	Chairman of the selection committee "Professor of Economics (W3 level) with a focus on economic cooperation research"
2016-2019	Chairman of the examination board of the Master's Program in Energy Economics (double degree from the University of Münster and RWTH Aachen at the Haus der Technik in Essen)

EXPERT REVIEWS, EVALUATION COMMITTEES AND JURY PARTICIPATION

2020	Member of the Evaluation Committee of the German Science Council (Wissenschaftsrat) for the evaluation of the Institute for Advances Sustainability Studies (IASS), Potsdam
2019	Scientific Expert, State Parliament of North Rhine-Westphalia's committee on Europe and International Affairs, "European Climate Policy: Giving CO ₂ a prize"
2014 - 2019	Scientific Expert, German Parliament's committee on Economics and Energy, annual briefing on "Status of the Energy Transformation"
2018	Scientific Expert, German Governments's committee on "Growth, Structural Change and Employment" (Coal Exit Commission), briefing on "Impacts of a coal phase out"
2017	Scientific Expert, German Parliament's committee on Finance, briefing on "Energy and Electricity Tax Reform"
2013	Member of the Evaluation Committee of the DFG Priority Program „Climate Engineering“ for the German Science Foundation (DFG)
2011	Member of the Evaluation Committee of the German Science Council (Wissenschaftsrat) for the evaluation of the Wuppertal Institute

- 2008 Scientific Expert, **European Parliament's** committee on Industry, research and energy, briefing on "RES Trading as an Option" for the EU directive on renewable energy
- 2008 Member of the Evaluation Committee of the **Wegener Center for Climate and Global Change**, Graz University
- 2005-2007 Expert reviewer for 4th Assessment Report (AR4), Working Group II (Impacts, Adaptation and Vulnerability) and Working Group III (Mitigation), **IPCC**

Münster, June 2021