

Dr. Franziska Holz

Curriculum Vitae

DIW Berlin
Dept. Energy, Transportation, Environment
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Adjunct Professor
Norwegian University of Science and
Technology (NTNU)
NTNU Energy Transition Initiative (NETI)
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Born on March 4, 1979 in Halle (Germany).
Married, two children (*2010, 2017).

<https://scholar.google.de/citations?hl=de&user=HNsPj7oAAAAJ>

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Professional Experience

- Since 2004 **DIW Berlin (German Institute for Economic Research)**, Berlin (Germany)
Department Energy, Transportation, Environment
Deputy head of department (since 2018)
Head of the research area “Resource and Environmental Markets” (since 2016)
Co-speaker of the working group “Social-Ecological Transformation (since 2023)
- Since July 2018 **Norwegian University of Science and Technology NTNU**, Trondheim (Norway)
Adjunct international professor, NTNU Energy Transition Program
- 2009 – 2019 **TU Berlin**, Berlin (Germany)
Workplace for Infrastructure Policy (WIP)
Teaching Bachelor and Master classes (energy economics, operations research)
- 2015-2016 **Hertie School of Governance**, Berlin (Germany)
Vertretungsprofessorin / Professor of Governance of Energy and Infrastructure (temporary full professorship)
- 2012 – 2015 **Hochschule für Technik und Wirtschaft Berlin (HTW Berlin)**, Berlin (Germany)
Teaching bachelor classes (microeconomics, macroeconomics)

Education

- January 2009 **TU Berlin**
PhD in Economics (Dr. rer. oec.),
Thesis “Modeling the European Natural Gas Market – Static and Dynamic Perspectives of an Oligopolistic Market”, grade: *summa cum laude*
- 1998-2003 **Paris 1 University Panthéon-Sorbonne**
Undergraduate / master degree in economics (specialization in international economics)

Doctoral students (only main supervisor)

Lukas Barner (seit 2025) "Modeling advances applied to green hydrogen markets" (DIW Graduate Center)

Dr. Mariza Montes de Oca (2018-2023) "The political economy of carbon pricing" (DIW Graduate Center)

Dr. Dawud Ansari (2016-2019) "Numerical models for emerging energy and resource issues: Examples from tight oil, global energy, and rural electrification" (DIW Graduate Center)

Dr. Roman Mendelevitch (2013-2016) "Coal Markets and Carbon Capture – Model Development and Climate Policy Applications" (DIW Graduate Center)

Prof. Dr. Philipp M. Richter (2012-2015) "Trade and Climate Policies – Carbon Leakage in Energy and Goods' Markets" (DIW Graduate Center)

Dr. Daniel Huppmann (2011-2014) "Strategic Behavior in Energy Markets – Advances in Complementarity and Multi-Stage Equilibrium Modeling" (DIW Graduate Center)

Dr. Clemens Haftendorn (2009-2012) "Economics of the Global Steam Coal Market – Modeling Trade, Competition and Climate Policies" (DIW Graduate Center)

Conference and seminar organization

Research Seminar on Environment, Resource and Climate Economics (RSERC)

Since 2012 co-organizer with TU Berlin, MCC Berlin, HU Berlin, and others

Organizer of the European PhD Seminar Natural Gas 2006-2011

Bi-annual meetings in European research institutions (Moscow, Oxford, Florence, etc.)

Reviewing

Advances in Climate Change Research, AIMS Energy, Applied Economics, Applied Energy, Asia-Europe Journal, Cell Reports Sustainability, Climate Policy, Communications Earth & Environment, Energies, Energy, Energy Economics, Energy for Sustainable Development, Energy Policy, Energy Research & Social Science, Energy Sources, Part B: Economics, Planning, and Policy, Energy Strategy Reviews, Fuel, German Economic Review, IEEE Transactions on Power Systems, International Journal of Global Energy Issues, International Journal of Hydrogen Energy, Joule, Journal of Economics and Business, Journal of Environmental Economics and Management, Nature Communications, Networks and Spatial Economics, PNAS Nexus, Politics and Governance, Resource and Energy Economics, Resources Policy, Review of Industrial Organization, The Energy Journal, Utilities Policy.

Deutsche Forschungsgemeinschaft (DFG), European Research Council (ERC), Helmholtz-Gemeinschaft, Alexander von Humboldt Stiftung, Swiss National Science Foundation (SNSF), Canada First Research Excellence Fund (CFREF)

Selected research projects at DIW Berlin

MINDSET_Clean_H2 – Modeling Infrastructure Development & Strategies for Expansion of Trade (MINDSET) for Clean H2 (2024-2027):

Joint project with TU Munich and Centrale Supélec

Funded by the German Ministry of Education and Research (BMBF) and the French Agence Nationale de la Recherche (ANR) in the German-French funding program “Development of the hydrogen pathway for the future energy mix”

Open Heat BE – Open Modeling for the Heat Transition in Berlin (2023):

Funded by the Climate Change Center Berlin-Brandenburg, lead: TU Berlin

Open Hydrogen Modeling – Open-source modeling of the future role of renewable hydrogen in Germany and Europe (2021-2024):

Funded by the Einstein Foundation, lead: TU Berlin

Lead of case study: Global hydrogen market modeling

Open ENTRANCE – Open Energy Transition Analyses for a Low-Carbon Economy (2019-2023):

Horizon 2020 project, lead: SINTEF Energi

Lead of case studies “Gas storage in a low-carbon energy system” and “Reconciling models and regulation”

FoReSee - Fossil Resource markets and climate policy: Stranded assets, Expectations and the political Economy of climate change (2018-2021):

Joint project with ifo Institut Munich and Humboldt University’s Chair for Resource Economics,

Funded by the German Ministry of Education and Research (BMBF) in the research program “Economics of Climate Change”

SET-Nav – Navigating the Roadmap for Clean, Secure and Efficient Energy Innovation (2016-2019):

Horizon 2020 project, lead: TU Vienna

Lead of work packages “Scenarios for the global fossil fuel markets” and “Method workshops”, participation in several other work packages, e.g. on CCS in the future EU energy system.

Coal Transitions: Research and Dialogue on the Future of Coal (2016-2018):

Funded by the KR Foundation, lead: IDDRI and Climate Strategies, <https://coaltransitions.org/>

Modeling of the global impact of regional coal phase-out policies.

RESOURCES: International Energy Resource Markets under Climate Constraints – Strategic Behavior and Carbon Leakage in Coal, Oil, and Natural Gas Markets (2012-2015):

Joint project with the Potsdam University’s Chair of Economic Policy,

Funded by the German Ministry of Education and Research (BMBF) in the research program “Economics of Climate Change”

European Natural Gas Infrastructure: The Role of Gazprom in European Natural Gas Supplies (2014):

Study commissioned by the The Greens / European Free Alliance in the European Parliament

EMF 28 – Stanford Energy Modeling Forum, Working Group 28 on the Effects of Technology Choices on EU Climate Policy (2011-2013): Co-leader of subgroup “Infrastructure models”

Global Coal Markets (2008-2010):

Research project with the Stanford University’s Program on Energy and Sustainable Development (PESD)

CESSA – Coordinating Energy Security in Supply Activities (2007-2008):

EU 6th Framework Program, lead: Mines Paris Tech,

Work Package Natural Gas

Publications

Publications in peer-reviewed journals

- Lukas Barner, Franziska Holz, Christian von Hirschhausen, and Claudia Kemfert (2025): Is Russian gas still needed in the European Union? Model-based analysis of long-term scenarios. *Energy Strategy Reviews*, 58, 101646. <https://doi.org/10.1016/j.esr.2025.101646>
- Sindre Wilberg, Vibeke Kjellevoll, Franziska Holz, and Anne Neumann (2025): Impact of ESG performance on the cost of capital in the energy, utilities, and basic materials sectors. *Utilities Policy*, 97, 102016. <https://doi.org/10.1016/j.iup.2025.102016>
- David Jamissen, Johanne Vatne, Franziska Holz, Anne Neumann (2024): The price elasticity of natural gas demand of small consumers in Germany during the energy crisis 2022. *Energy Efficiency*, Vol. 17 (8), pp. 98. <https://doi.org/10.1007/s12053-024-10284-z>
- Franziska M. Hoffart and Franziska Holz (2024): Energy asset stranding in resource-rich developing countries and the just transition - A framework to push research frontiers. *Frontiers in Environmental Economics*, Vol. 3, pp. 1-18. <https://doi.org/10.3389/frevc.2024.1273315>
- Kornél Télessy, Lukas Barner, and Franziska Holz (2024): Repurposing natural gas pipelines for hydrogen: Limits and options from a case study in Germany. *International Journal of Hydrogen Energy*, Vol. 80, pp. 821-831, <https://doi.org/10.1016/j.ijhydene.2024.07.110>
- Franziska M. Hoffart, Paola D’Orazio, Franziska Holz, Claudia Kemfert (2024): Exploring the Interdependence of Climate, Finance, Energy, and Geopolitics: A Conceptual Framework for Systemic Risks amidst Multiple Crises. *Applied Energy*. 122885. <https://doi.org/10.1016/j.apenergy.2024.122885>
- Christian Hauenstein, Franziska Holz, Lennart Rathje, and Thomas Mitterecker (2023): New Coal Mines in the Australian Galilee Basin Are Not Economically Viable and Are Prone to Become Stranded Assets. *One Earth*, Vol. 6 (8), pp. 990-1004. <https://doi.org/10.1016/j.oneear.2023.07.005>
- Franziska Holz, Tim Scherwath, Pedro Crespo del Granado, Christian Skar, Luis Olmos, Quentin Ploussard, Andrés Ramos, and Andrea Herbst (2021): A 2050 Perspective on the Role for Carbon Capture and Storage in the European Power System and Industry Sector. *Energy Economics*, Vol. 104, 105631. <https://doi.org/10.1016/j.eneco.2021.105631>
- Ruud Egging-Bratseth, Franziska Holz, and Victoria Czempinski (2021): Freedom Gas to Europe: Scenarios Analyzed Using the Global Gas Model. *Research in International Business and Finance*, Vol. 58, 101460. <https://doi.org/10.1016/j.ribaf.2021.101460>
- Christian Hauenstein and Franziska Holz (2021): The U.S. Coal Sector between Shale Gas and Renewables: Last Resort Coal Exports? *Energy Policy*, Vol. 149, 112097. <https://doi.org/10.1016/j.enpol.2020.112097>
- Dawud Ansari and Franziska Holz (2020): Between Stranded Assets and Green Transformation: Fossil-Fuel-Producing Developing Countries Towards 2055. *World Development*, Vol. 130, 104947. <https://doi.org/10.1016/j.worlddev.2020.104947>
- Dawud Ansari, Franziska Holz, and Hashem al-Kuhlani (2020): Energy Outlooks Compared: Global and Regional Insights. *Economics of Energy and Environmental Policy*, Vol. 9 (1), pp. 21-42. <https://doi.org/10.5547/2160-5890.9.1.dans>
- Pedro Crespo Del Granado, Gustav Resch, Franziska Holz et al. (2020): Energy Transition Pathways to a Low-carbon Europe in 2050: the Degree of Cooperation and the Level of Decentralization. *Economics of Energy & Environmental Policy*, Vol. 9 (1), pp. 121-135. <https://doi.org/10.5547/2160-5890.9.1.pcre>
- Roman Mendelevitch, Christian Hauenstein, and Franziska Holz (2019): The Death Spiral of Coal in the U.S. Will Changes in U.S. Policy Turn the Tide? *Climate Policy*, Vol. 19 (10), pp. 1310-1324. <https://doi.org/10.1080/14693062.2019.1641462>
- Dawud Ansari and Franziska Holz (2019): Anticipating Global Energy, Climate and Policy in 2055: Constructing Qualitative and Quantitative Narratives. *Energy Research & Social Science*, Vol. 58, 101250. <https://doi.org/10.1016/j.erss.2019.101250>

- Franziska Holz, Hanna Brauers, Philipp M. Richter, and Thorsten Roobeek (2017): Shaking Dutch Grounds Won't Shatter the European Gas Market. *Energy Economics*, Vol. 64, pp. 520-529. <https://doi.org/10.1016/j.eneco.2016.03.028>
- Franziska Holz, Philipp M. Richter, and Ruud Egging (2016): The Role of Natural Gas in a Low-Carbon Europe: Infrastructure and Supply Security. *The Energy Journal*, Vol. 37, Special Issue 3, pp. 33-59. <https://doi.org/10.5547/01956574.37.SI3.fhol>
- Ruud Egging and Franziska Holz (2016): Risks in Global Natural Gas Markets: Investment, Hedging and Trade. *Energy Policy*, Vol. 94, pp. 468-479. <https://doi.org/10.1016/j.enpol.2016.02.016>
- Lissy Langer, Daniel Huppmann, and Franziska Holz (2016): Lifting the US Crude Oil Export Ban: A Numerical Partial Equilibrium Analysis. *Energy Policy*, Vol. 97, pp. 258-266. <https://doi.org/10.1016/j.enpol.2016.07.040>
- Philipp M. Richter and Franziska Holz (2015): All Quiet on the Eastern Front? Disruption Scenarios of Russian Natural Gas Supply to Europe. *Energy Policy*, Vol. 80, pp. 177-189. <https://doi.org/10.1016/j.enpol.2015.01.024>
- Franziska Holz, Philipp M. Richter, and Ruud Egging (2015): A Global Perspective on the Future of Natural Gas: Resources, Trade, and Climate Constraints. *Review of Environmental Economics and Policy*, Vol. 9 (1), pp. 85-106. <https://doi.org/10.1093/reep/reu016>
- Christian von Hirschhausen and Franziska Holz (2013): The Infrastructure Implications of the Energy Transformation in Europe until 2050: Lessons from the EMF28 Modeling Exercise. *Climate Change Economics*, Vol. 4, Supp 01, 1340006. <https://doi.org/10.1142/S201000781340006X>
- Daniel Huppmann and Franziska Holz (2012): Crude Oil Market Power—A Shift in Recent Years? *The Energy Journal*, Vol. 33 (4), pp. 1-22. <https://doi.org/10.5547/01956574.33.4.1>
- Clemens Haftendorn, Franziska Holz, and Christian von Hirschhausen (2012): “The End of Cheap Coal? A Techno-economic Analysis Until 2030 using the COALMOD-World Model.” *Fuel*, Vol. 102, pp. 305-325. <https://doi.org/10.1016/j.fuel.2012.04.044>
- Clemens Haftendorn, Claudia Kemfert, and Franziska Holz (2012): What about Coal? Interactions between Climate Policies and the Global Steam Coal Market until 2030. *Energy Policy*, Vol. 48, pp. 274–283. <https://doi.org/10.1016/j.enpol.2012.05.032>
- Daniel Huppmann, Ruud Egging, Franziska Holz, Sophia Ruester, and Christian von Hirschhausen (2011): The World Gas Market in 2030 - Development Scenarios using the World Gas Model. *International Journal of Global Energy Issues*, Vol. 35 (1), pp. 64-84. <https://doi.org/10.1504/IJGEI.2011.039985>
- Ruud Egging, Franziska Holz, and Steven A. Gabriel (2010): The World Gas Model: A Multi-Period Mixed Complementarity Model for the Global Natural Gas Market. *Energy*, Vol. 35 (10), pp. 4016-4029. <https://doi.org/10.1016/j.energy.2010.03.053>
- Clemens Haftendorn and Franziska Holz (2010): Modeling and Analysis of the International Steam Coal Trade. *The Energy Journal*, Vol. 31 (4), pp. 201-225. <https://doi.org/10.5547/ISSN0195-6574-EJ-Vol31-No4-10>
- Franziska Holz, Christian von Hirschhausen, and Claudia Kemfert (2009): Perspectives of the European Natural Gas Market until 2025. *The Energy Journal*, Vol. 30, Special Issue „World Natural Gas Markets and Trade: A Multi-Modeling Perspective“, pp. 137-150. <https://doi.org/10.5547/ISSN0195-6574-EJ-Vol30-NoSI-9>
- Ruud Egging, Franziska Holz, Christian von Hirschhausen, and Steven A. Gabriel (2009): Representing Gaspec with the World Gas Model. *The Energy Journal*, Vol. 30, Special Issue „World Natural Gas Markets and Trade: A Multi-Modeling Perspective“, pp. 97-117. <https://doi.org/10.5547/ISSN0195-6574-EJ-Vol30-NoSI-7>
- Ruud Egging, Steven A. Gabriel, Franziska Holz, and Jifang Zhuang (2008): A Complementarity Model for the European Natural Gas Market. *Energy Policy*, Vol. 36 (7), pp. 2385-2414. <https://doi.org/10.1016/j.enpol.2008.01.044>
- Franziska Holz, Christian von Hirschhausen, and Claudia Kemfert (2008): A Strategic Model of European Gas Supply (GASMOD). *Energy Economics*, Vol. 30 (3), pp. 766-788. <https://doi.org/10.1016/j.eneco.2007.01.018>

Book chapters

- Franziska Holz, Jonas Egerer, Clemens Gerbaulet, Pao-Yu Oei, Roman Mendelevitch, Anne Neumann, Christian von Hirschhausen: Energy Infrastructures for the Low-Carbon Transformation in Europe, in: “*Energiewende*

"Made in Germany" : Low Carbon Electricity Sector Reform in the European Context", pp. 283-317, Cham: Springer, 2018.

Franziska Holz, Clemens Haftendorn, Roman Mendelevitch, and Christian von Hirschhausen: The COALMOD-World Model: Coal Markets Through 2030, in: M. C. Thurber and R. K. Morse (Eds.) "The Global Coal Market: Supplying the Major Fuel for Emerging Economies", pp. 411-472, Cambridge University Press, 2015.

Clemens Haftendorn, Franziska Holz, Claudia Kemfert, and Christian von Hirschhausen: Global Steam Coal Markets until 2030 – Perspectives on Production, Trade, and Consumption under Increasing Carbon Constraints. In: R. Fouquet (Ed.) "Handbook on Energy and Climate Change", pp. 103-122, Edward Elgar Publ., 2013.

Christian von Hirschhausen, Franziska Holz, Anne Neumann and Sophia Rüster: Supply Security and Natural Gas. In: F. Lévêque et al. (Eds.) "Security of Energy Supply in Europe: Natural Gas, Nuclear, and Hydrogen", pp. 3-20, Edward Elgar Publ., 2010.

Edited volume

"Security of Energy Supply in Europe: Natural Gas, Nuclear, and Hydrogen", Eds.: F. Lévêque, J.-M. Glachant, J. Barquín, C. von Hirschhausen, F. Holz, and W. J. Nuttall. Edward Elgar Publ., August 2010.

Selected other publications

Franziska Holz, Claudia Kemfert, Christian von Hirschhausen, Charlotte Baron, Björn Steigerwald (2025): Neuer Dämpfer für US-Energie- und Klimapolitik unter Trump: EU muss mit ambitionierten Schritten vorangehen. *DIW Wochenbericht* 4 (2025). DIW Berlin, Berlin.

Mariza Montes de Oca Leon, Achim Hagen, Franziska Holz (2024): The Political Economy of Fossil Fuel Subsidy Removal: Evidence from Bolivia and Mexico. International Monetary Fund Working Paper, WP/24/230.

Christian von Hirschhausen, Lukas Barner, Franziska Holz, Claudia Kemfert, Niels Kunz, Fabian Präger, Björn Steigerwald (2024): Gasversorgung in Deutschland stabil: Ausbau von LNG-Infrastruktur nicht notwendig. *DIW Aktuell* 92. DIW Berlin, Berlin.

Franziska Holz, Lukas Barner, Karlo Hainsch, Claudia Kemfert, Konstantin Löffler, Björn Steigerwald, Christian von Hirschhausen (2023): LNG Import Capacity Expansion in Germany: Short-term Relief Likely to Turn into Medium-term Stranded Assets. *IAEE Energy Forum*, Issue 2, pp. 13-18

Franziska Holz, Christian von Hirschhausen, Robin Sogalla, Lukas Barner, Björn Steigerwald, Claudia Kemfert (2023): Deutschlands Gasversorgung ein Jahr nach russischem Angriff auf Ukraine gesichert, kein weiterer Ausbau von LNG-Terminals nötig. *DIW Aktuell* 86. DIW Berlin, Berlin.

Philipp Herpich, Isabell Braunger, Franziska Holz, Julia Rechlitz, Claudia Kemfert (2024): Wärmewende: Bundesregierung sollte Kommunen bei der Stilllegung der Erdgasnetze unterstützen. *DIW Wochenbericht* 13+14 (2024). Also available in English: Heat transition: Municipalities need federal support in decommissioning natural gas networks. *DIW Weekly Report* 13 (2024). DIW Berlin, Berlin.

Philipp Herpich, Franziska Holz, Konstantin Löffler (2023): Wärmewende in Berlin: Versorgungssicherheit nach dem Erdgas mit erneuerbaren Energien gewährleisten. *DIW Wochenbericht* 49 (2023). DIW Berlin, Berlin.

Franziska Holz, Robin Sogalla, Christian von Hirschhausen, Claudia Kemfert (2022): Energieversorgung in Deutschland auch ohne Erdgas aus Russland gesichert. *DIW Aktuell* 83. DIW Berlin, Berlin.

Christian Hauenstein, Karlo Hainsch, Philipp Herpich, Christian von Hirschhausen, Franziska Holz, Claudia Kemfert, Mario Kendzioriski, Pao-Yu Oei, Catharina Rieve (2022): Stromversorgung auch ohne russische Energielieferungen und trotz Atomausstiegs sicher – Kohleausstieg 2030 bleibt machbar. *DIW Aktuell* 84. DIW Berlin, Berlin.

Franziska Holz, Claudia Kemfert, Hella Engerer, Robin Sogalla (2022): Europa kann die Abhängigkeit von Russlands Gaslieferungen durch Diversifikation und Energiesparen senken. *DIW Aktuell* 81. DIW Berlin, Berlin.

Franziska Holz, Claudia Kemfert, Robin Sogalla (2022): Knappes Gas – Optionen zur Verringerung der Deckungslücke in Deutschland. *Zeitschrift für Wirtschaftspolitik*, Vol. 71 (2), pp. 126-137.

Klaus Eisenack, Achim Hagen, Franziska Holz, Karen Pittel, Angelika Vogt, Marie-Theres von Schickfus (2022): Klimapolitik und Stranded Assets in der fossilen Wirtschaft. *Ökologisches Wirtschaften*, Vol. 37 (2), pp. 30-35.

- Karen Pittel, Franziska Holz et al. (2021): *Chances and Obstacles to Strengthening the Paris Agreement: The Case of Resource-Rich Countries*. Background Paper for the Forum Climate Economics No. 9, Bundesministerium für Bildung und Forschung.
- Georg Zachmann, Franziska Holz, Alexander Roth, Ben McWilliams, Robin Sogalla, Frank Meissner, Claudia Kemfert (2021): *Decarbonisation of Energy: Determining a Robust Mix of Energy Carriers for a Carbon-Neutral EU*. Report for the European Parliament, ITRE Committee. Also available as DIW Politikberatung kompakt 175.
- Franziska Holz, Claudia Kemfert (2021): *Die kurz- und langfristige Bedarfsentwicklung im deutschen und europäischen Erdgasmarkt: Stellungnahme zur Fertigstellung und Inbetriebnahme des Nord Stream 2 Pipeline-Projekts*. Gutachten im Auftrag des Naturschutzbund Deutschland e.V. (NABU). DIW Politikberatung kompakt 162. DIW Berlin, Berlin.
- Franziska Holz, Claudia Kemfert (2020): Neue Gaspipelines und Flüssiggas-Terminals sind in Europa überflüssig. *DIW Aktuell* 50. DIW Berlin, Berlin.
- Elmar Kriegler, Ramona Gulde, Arwen Colell, ..., Franziska Holz, ..., et al. (2020): *Phasing Out Fossil Fuels: How to Achieve a Just Transition?* Background Paper for the Forum Climate Economics No. 7, Bundesministerium für Bildung und Forschung. Also as „Ausstieg aus fossilen Energieträgern: Wie gelingt eine faire Systemtransformation?“.
- Ruud Egging, Franziska Holz (2019): *Global Gas Model: Model and Data Documentation v3.0 (2019)*. *DIW Data Documentation* 100. DIW Berlin, Berlin.
- Dawud Ansari, Franziska Holz, Hashem al-Kuhlani (2019): *Energy, Climate, and Policy towards 2055: An Interdisciplinary Energy Outlook (DIW-REM Outlook)*. DIW Politikberatung kompakt 139. DIW Berlin, Berlin.
- Franziska Holz, Ivo Valentin Kafemann, Oliver Sartor, Tim Scherwath, Thomas Spencer (2018): *What does “peak coal” mean for international coal exporters? A global modelling analysis on the future of the international steam coal market*. IDDRI and Climate Strategies (www.coaltransitions.org)
- Anne Neumann, Leonard Göke, Franziska Holz, Claudia Kemfert, Christian von Hirschhausen (2018): Erdgasversorgung: Weitere Ostsee-Pipeline ist überflüssig. *DIW Wochenbericht* 27 (2018). Also available in English: Natural Gas Supply: No Need for Another Baltic Sea Pipeline. *DIW Weekly Report* 27 (2018), DIW Berlin, Berlin.
- Franziska Holz, Clemens Haftendorn, Roman Mendelevitch, Christian von Hirschhausen (2016): A Model of the International Steam Coal Market (COALMOD-World). *DIW Data Documentation* 85. DIW Berlin, Berlin.
- Daniel Huppmann and Franziska Holz (2015): What about the OPEC cartel? *DIW Roundup* 58. DIW Berlin, Berlin.
- Christian von Hirschhausen, Franziska Holz, Clemens Gerbaulet, Casimir Lorenz (2014): Europäische Energiewirtschaft: hoher Investitionsbedarf für Nachhaltigkeit und Versorgungssicherheit. *DIW Wochenbericht* 27 (2014). Also available in English: European Energy Sector: Large Investments Required for Sustainability and Supply Security. *DIW Economic Bulletin* 7 (2014), DIW Berlin, Berlin.
- Franziska Holz, Hella Engerer, Claudia Kemfert, Philipp M. Richter, and Christian von Hirschhausen (2014): European Natural Gas Infrastructure: The Role of Gazprom in European Natural Gas Supplies. *DIW Politikberatung kompakt* 83. DIW Berlin, Berlin.
- Jan Abrell, Clemens Gerbaulet, Franziska Holz, Casimir Lorenz, and Hannes Weigt (2013): Combining Energy Networks: The Impact of Europe’s Natural Gas Network on Electricity Markets until 2050. *DIW Discussion Paper* 1317.
- Christian von Hirschhausen, Clemens Haftendorn, Johannes Herold, Franziska Holz, Anne Neumann, and Sophia Rüster (2010): Europe’s Coal Supply Security: Obstacles to Carbon Capture, Transport and Storage. *CEPS Policy Brief* 223. CEPS, Brussels.
- Clemens Haftendorn, Karen Freund, Christian von Hirschhausen, and Franziska Holz (2008): Indien: Entwicklung auf Kosten des Klimas. *DIW Wochenbericht* 51/52 (2008). DIW Berlin, Berlin.
- Clemens Haftendorn, Christian von Hirschhausen, and Franziska Holz (2008): Auf dem Weg zu einer "COAL-PEC"? *DIW Wochenbericht* 40 (2008). Also available in English: Moving towards a "COAL-PEC"? *DIW Weekly Report* 10 (2008), DIW Berlin, Berlin.
- Franziska Holz (2007): How Dominant is Russia on the European Natural Gas Market? Results from Modeling Exercises. *Applied Economics Quarterly, Supplement 2007*, Vol. 53 (58), pp.85-101.
- Franziska Holz (2001): Der Aufholprozess der EU-Kohäsionsländer. *IWH Discussion Paper* 152. Institut für Wirtschaftsforschung Halle, Halle/Saale.