

Linus Mattauch

Robert Bosch *Juniorprofessor* for Sustainable Use of Natural Resources, Technical University of Berlin
and Lab Leader “Societal Transition and Well-Being”, Potsdam Institute for Climate Impact Research.

Sekretariat H 51, Straße des 17. Juni, D-10623 Berlin, Germany

linus.mattauch@tu-berlin.de • +49 (0) 30 314 75050 • <https://www.linusmattauch.info/>

EDUCATION

- 2010–2015 **PhD in Economics**
Technical University of Berlin, Fak. VI, Department “Economics of Climate Change”,
Mercator Research Institute on Global Commons and Climate Change (MCC) and
Potsdam-Institute of Climate Impact Research (PIK)
Advisors: Prof. Dr. Ottmar Edenhofer, Prof. Dr. Felix Creutzig
Title of Dissertation: “Rent and Redistribution. The welfare implications of financing
low-carbon public investment”, *summa cum laude*
- 2009–2010 **Pre-doctoral studies**
Technical University of Berlin
- 2008–2009 **Visiting Student in Mathematics**
Ecole Normale Supérieure, Paris
Courses in advanced probability theory and mathematical methods for economics
- 2004–2008 **Master of Mathematics and Philosophy (MMathPhil)**
St. Hugh’s College, University of Oxford.
Specialisations: Probability theory, stochastic analysis, measure theory, philosophy of
mathematics. Undergraduate dissertation: “The Brownian web”
Overall grade of all parts of the Final Examinations and of the Honorary Moderations:
“First class”
- 2003 **Abitur [German A-level equivalent]**
Gymnasium Martino-Katharineum, Braunschweig
Mathematics, French, Biology, History (1,0)

PROFESSIONAL EXPERIENCE

- since 4/2021 **Technical University of Berlin**
Robert Bosch *Juniorprofessor* for Sustainable Use of Natural Resources
- since 4/2021 **Potsdam-Institute for Climate Impact Research**
FutureLab Leader “Inequality, Human Well-Being and Development” (4/2021–12/2024)
Lab Leader “Societal Transition and Well-Being” (1/2025–)
- since 11/2022 **Berlin School of Economics, Faculty**
- 9/2016–3/2021 **Environmental Change Institute, University of Oxford**
Lecturer (full time from 9/2018)
Honorary Research Associate (4/2021–3/2023)
- 9/2016– **Institute for New Economic Thinking at the Oxford Martin School,
University of Oxford**
Postdoctoral Scholar funded by the German Academic Exchange Service (DAAD),
research group “Economics of sustainability” (9/2016–8/2018)
Since “Oxford Martin Fellow” (6/2017–3/2021), “Senior Research Officer” (9/2018–
3/2021)

	7/2019: “Deputy Director of the Economics of Sustainability Programme” (7/2019–3/2021), Associate (3/2021–)
8/2018–9/2018	Columbia Business School, Columbia University Chazen Visiting Scholar, hosted by Prof. Joseph E. Stiglitz
7/2013–11/2015	Mercator Research Institute of Global Commons and Climate Change Research fellow, research group “Public Economics for the Global Commons”
12/2015	Department for Constitutional Law, University of Cologne Visiting scientist
2/2010–11/2010	Department “Economics of Climate Change”, Fak. VI Technical University of Berlin Research Fellow and teaching assistant
11/2009–2/2010	Research Domain Sustainable Solutions, Potsdam Institute of Climate Impact Research Research Fellow and teaching assistant

PEER-REVIEWED JOURNAL PUBLICATIONS

28. Fabre, Adrien, Thomas Douenne, **Linus Mattauch**. International attitudes towards global policies. *Nature Human Behavior*, online first, <https://doi.org/10.1038/s41562-025-02175-9>
27. Funke, Franziska, **Linus Mattauch**, Thomas Douenne, Fabre Adrien, Joseph E. Stiglitz. Support carbon pricing when interest rates are higher, *Nature Climate Change* 14:665–667.
26. van den Bijgaart, Inge, David Klenert, **Linus Mattauch**, Sulikova, Simona (2024). Healthy climate, healthy bodies: Optimal fuel taxation and physical activity, *Economica*, 91(361):93–122.
25. Zhao, Jiaxin, **Linus Mattauch** (2022). When standards have better distributional consequences than carbon taxes. *Journal of Environmental Economics and Management*, 116, 102747.
24. **Mattauch, Linus**, David Klenert, Joseph E. Stiglitz, Ottmar Edenhofer (2022). Overcoming wealth inequality by capital taxes that finance public investment. *Structural Change and Economic Dynamics*, 63,383–95. [named “most popular in 2022” by the journal]
23. **Mattauch, Linus**, Cameron Hepburn, Fiona Spuler, Nicholas Stern (2022). The economics of climate change with endogenous preferences. *Resource and Energy Economics*, 69, 101312.
22. Funke, Franziska, **Linus Mattauch**, Inge van den Bijgaart, Charles Godfray, Cameron Hepburn, David Klenert, Marco Springmann, Nicolas Treich (2022). Is Meat Too Cheap? Towards Optimal Meat Taxation. *Review of Environmental Economics and Policy*, accepted.
21. Frondel, Manuel, Viola Helmers, **Linus Mattauch**, Michael Pahle, Stephan Sommer, Christoph M. Schmidt, Ottmar Edenhofer. Akzeptanz der CO₂-Bepreisung in Deutschland: Evidenz für private Haushalte vor Einführung des CO₂-Preises (2022). *Perspektiven der Wirtschaftspolitik*, 23(1), 49–64.
20. Sommer, Stephan, **Linus Mattauch**, Michael Pahle (2022). Supporting carbon taxes and the role of fairness. *Ecological Economics*, 195, 107359.

19. Creutzig, Felix, Leila Niamir, Xuemei Bai, Max Callaghan, Jonathan Cullen, Julio Díaz-José, Maria Figueroa, Arnulf Grubler, William F. Lamb, Adrian Leip, Eric Masanet, Érika Mata, **Linus Mattauch**, Jan C. Minx, Sebastian Mirasgedis, Yacob Mulugetta, Sudarmanto Budi Nugroho, Minal Pathak, Patricia Perkins, Joyashree Roy, Stephane de la Rue du Can, Yamina Saheb, Shreya Some, Linda Steg, Julia Steinberger, Diana Ürge-Vorsatz (2022). Demand-side solutions to climate change mitigation consistent with high levels of well-being. *Nature Climate Change* 12:36–46.
18. Klenert, David, Franziska Funke, **Linus Mattauch**, Brian O’Callaghan (2020). Five lessons from COVID-19 for advancing climate change mitigation. *Environmental and Resource Economics*, 76(4), 751–78.
17. **Mattauch, Linus**, H. Damon Matthews, Richard Millar, Armon Rezai, Susan Solomon, Frank Venmans. (2020) Steering the climate system: comment *American Economic Review*, 110(4):1231–37.
16. **Mattauch, Linus**, Jan Siegmeier, Franziska Funke. Wirtschaftswachstum aufgeben? Zur Struktur wachstumskritischer Argumente. (2019) *Zeitschrift fuer Wirtschafts- und Unternehmensethik*, 20(1), 5–30.
15. Klenert, David, **Linus Mattauch**, Emmanuel Combet, Ottmar Edenhofer, Cameron Hepburn, Ryan Rafaty, Nicholas Stern (2018). Making carbon pricing work for citizens. *Nature Climate Change* 8:669–77.
14. **Mattauch, Linus**, Jan Siegmeier, Ottmar Edenhofer, Felix Creutzig (2018). Financing Public Capital through Land Rent Taxation: A Macroeconomic Henry George Theorem, *Finanzarchiv/Public Finance Analysis*, 74:340–60.
13. Creutzig, F., Roy, J., Lamb, W. F., Azevedo, I. M.L., Bruine de Bruin, W., Dalkmann, H., Edelenbosch, Oreane Y., Geels, Frank W., Grubler, A., Hepburn, C., Hertwich, E., Khosla, R., **Mattauch, L.**, Minx, J. C., Ramakrishnan, A., Rao, N., Steinberger, J., Tavoni, M., Ürge-Vorsatz, D., Weber, E. U. (2018). Towards demand-side solutions for mitigating climate change. *Nature Climate Change*, 8:260–71.
12. Siegmeier, Jan, **Linus Mattauch**, Ottmar Edenhofer (2018). Capital beats coal: how collecting the climate rent increases aggregate investment *Journal of Environmental Economics and Management*, 88:366–78.
11. Klenert, David, **Linus Mattauch**, Ottmar Edenhofer, Kai Lessmann (2018). Infrastructure and Inequality: Insights from Incorporating Key Economic Facts about Household Heterogeneity. *Macroeconomic Dynamics* 22(4): 864–95.
10. Siegmeier, Jan, **Linus Mattauch**, Max Franks, David Klenert, Anselm Schultes, Ottmar Edenhofer (2018). A Public Finance Perspective on Climate Policy: Six Interactions that may enhance Welfare. *Climate Policy*, 18(3):352–67.
9. Klenert, David, Gregor Schwerhoff, Ottmar Edenhofer, **Linus Mattauch** (2018). Carbon Taxation, Inequality and Engel’s Law – The Double Dividend of Redistribution. *Environmental and Resource Economics*, 71(3):605–24
8. **Mattauch, Linus**, Cameron Hepburn (2016). Climate policy when preferences are endogenous – and sometimes they are. *Midwest Studies in Philosophy*, 40(1):76–95.
7. **Mattauch, Linus**, Ottmar Edenhofer, David Klenert, Sophie Bénard (2016). Distributional effects of public investment when wealth and classes are back. *Metroeconomica*, 67(3):603–29.
6. **Mattauch, Linus**, Monica Ridgway, Felix Creutzig (2016). Happy or liberal? Making sense of behavior in transport policy design. *Transportation Research Part D: Transport and Environment*, 45:64–83.

5. Klenert, David, **Linus Mattauch** (2016). How to make a carbon tax reform progressive: The role of subsistence consumption. *Economics Letters*, 138:100–03.
4. Edenhofer, Ottmar, **Linus Mattauch**, Jan Siegmeier (2015). [equal contribution] Hypergeorgism: When rent taxation is socially optimal. *Finanzarchiv/ Public Finance Analysis*, 71(4):474–505.
3. Creutzig, Felix, Patrick Jochem, Oreane Y. Edelenbosch, **Linus Mattauch**, Detlef P. van Vuuren, David McCollum, Jan Minx (2015). Transport: A roadblock to climate change mitigation? *Science*, 350(6263):911–12.
2. **Mattauch, Linus**, Felix Creutzig, Ottmar Edenhofer (2015). Avoiding Carbon Lock-In: Policy Options for Advancing Structural Change. *Economic Modelling*, 50:49–63.
1. Edenhofer, Ottmar, Michael Jakob, Felix Creutzig, Christian Flachsland, Sabine Fuss, Martin Kowarsch, Kai Lessmann, **Linus Mattauch**, Jan Siegmeier, Jan Christoph Steckel (2015). Closing the Emission Price Gap. *Global Environmental Change*, 31:132–143. [Reprinted in: Kaul, Inge (ed.) *Global Public Goods* (2016). The International Library of Critical Writings in Economics series. Edward Elgar: Cheltenham, UK.]

WORKING PAPERS

- | | |
|----|---|
| W1 | Arlinghaus, Johanna, Théo Konc, Linus Mattauch , Stephan Sommer. Framing urban tolls, <i>mimeo</i> . |
| W2 | Doegnitz, Lorenz, Théo Konc, Linus Mattauch . The political economics of green transitions: optimal intertemporal policy response. <i>Berlin School of Economics Discussion Paper 47</i> |
| W3 | Funke, Franziska, Théo Konc, Linus Mattauch , Michael Pahle, Antonia Schwarz, Stephan Sommer. Prices vs. quantities from a citizens' perspective, <i>SSRN</i> . |

OTHER PUBLICATIONS

- | | |
|------|--|
| 2025 | Fischer, Luka, Linus Mattauch . Bewegung statt Abgase: Wie Berlin bis 2040 gesünder werden kann. In: Baumgarten, M., J. Danckert (Eds.). <i>Stadt und Gesundheit 2040: Nachhaltig gesund leben im urbanen Raum</i> . Medizinisch Wissenschaftliche Verlagsgesellschaft: Berlin. |
| 2024 | Kommission Weltkirche der Deutschen Bischofskonferenz (Ed.). Ernährungssicherheit, Klimaschutz und Biodiversität: Ethische Perspektiven für die globale Landnutzung. Eine interdisziplinäre Studie im Rahmen des Dialogprojektes zum weltkirchlichen Beitrag der katholischen Kirche für eine sozial-ökologische Transformation im Lichte von <i>Laudato si'</i> . [Bornhorst, B., Emunds, B., Fuchs, D., Goehl, J., Hansjürgens, B., Hendricks, B., Kruip, G., Kalkuhl, M., zu Loewenstein, F., Mattauch, L. , Podlinski, N., Wallacher, J., Wiemeyer, J., Einsiedel, S.] <i>Studien der Sachverständigengruppe "Weltwirtschaft und Sozialethik"</i> Bd. 23. |
| 2021 | Pahle, Michael, Stephan Sommer, Linus Mattauch . Wie Fairness die öffentliche Zustimmung zur CO ₂ -Bepreisung beeinflusst. ifo Schnelldienst 74 6/2021, 18–22. |
| 2024 | Mattauch, Linus , Hermine Mitter, Leona Tenkhoff, Leonie Wenz. Wie wissenschaftliche Beratung für die Umweltpolitik gelingen kann. <i>Debattenbeitrag der Jungen Akademie</i> , August 2024. |
| 2023 | Mattauch, Linus , Leona Tenkhoff. High 'steaks': building support for reducing agricultural emissions. <i>PLOS Climate</i> , 2(10), e0000291. |

- 2023 Mathijs, Erik, Janis Baird, Rune Blomhoff, Andrea Büttner, Carsten Daugbjerg, Francesca Galli, Wencke Gwozdz, Meike Janssen, Peter Jelička, **Linus Mattauch**, Jutta Roosen, Elin Röö, Tanja Schneider, Antonia Trichopoulou, Mónica Truninger, Jenny van Doorn, Stefanie Vandevijvere. Towards Sustainable Food Consumption. Science Advice for Policy by European Academies (SAPEA). Report.
- 2023 **Mattauch, Linus**, Sugandha Srivastav. Principles of Decarbonisation Politics. *Nature Climate Change*. 13:503–504.
- 2023 Funke, Franziska, **Mattauch, Linus**, Thorsten Merl, Thorsten, Hermine Mitter, Viola Priesemann, Leonie Wenz, Anna Wiese, Anna (2023). Die Zukunft der Ernährung in Europa: Multidisziplinäre Perspektiven. *Austrian Journal of Agricultural Economics and Rural Studies*, 32(14): 119-127
- 2021 **Mattauch, Linus**, Christina Roolfs, Anselm Schultes, David Klenert, Gregor Schwerhoff. Forschungsinstitute führen im 21. Jahrhundert: Optimalsteuertheorie und Ostrom sind zurück. In: MCC Berlin (ed.): Ottmar Edenhofer. Festschrift zum 60. Geburtstag, 62–72.
- 2021 Kommission Weltkirche der Deutschen Bischofskonferenz (Ed.). Wie sozial-ökologische Transformation gelingen kann. Eine interdisziplinäre Studie im Rahmen des Dialogprojektes zum weltkirchlichen Beitrag der katholischen Kirche für eine sozial-ökologische Transformation im Lichte von *Laudato si'*. [Bornhorst, B., Emunds, B., Felbermayr, G., Fuchs, D., Hendricks, B., Kruip, G., Kalkuhl, M., Lang, D., **Mattauch, L.**, Schellhammer, B., Schinke, C., Wallacher, J., Wiemeyer, J., Einsiedel, S., Steinforth, T.] Studien der Sachverständigengruppe “Weltwirtschaft und Sozialethik” Bd. 22.
- 2021 Pahle, Michael, Stephan Sommer, **Linus Mattauch**. Wie Fairness die öffentliche Zustimmung zur CO₂-Bepreisung beeinflusst. ifo Schnelldienst 74 6/2021, 18–22.
- 2020 **Mattauch, Linus**, Felix Creutzig, Nils aus dem Moore, Max Franks, Franziska Funke, Michael Jakob, Lutz Sager, Moritz Schwarz, Achim Voß, Marie-Luise Beck, Claus-Heinrich Daub, Moritz Drupp, Felix Ekardt, Gregor Hagedorn, Mathias Kirchner, Tobias Kruse, Thomas Loew, Karsten Neuhoﬀ, Isabella Neuweg, Sonja Peterson, Matthias Roesti, Gerhard Schneider, Robert Schmidt, Reimund Schwarze, Jan Siegmeier, Philippe Thalmann, Johannes Wallacher (2020). Antworten auf zentrale Fragen zur Einführung von CO₂-Preisen. Version 2.0 Gestaltungsoptionen und ihre Auswirkungen für den schnellen Übergang in die klimafreundliche Gesellschaft. *Diskussionsbeiträge der Scientists for Future 2*, 2020, Version 2.0., doi:10.5281/zenodo.3644498
- 2019 Klenert, David, **Linus Mattauch**. Carbon pricing for inclusive prosperity. Policy brief 16 of the network of Economics for Inclusive Prosperity.
- 2019 Edenhofer, Ottmar, **Linus Mattauch**. Können sich liberale Demokratien eine ambitionierte Klimapolitik leisten? In: Fücks, R. (ed.): Soziale Marktwirtschaft ökologisch erneuern. 21–42. [Reprinted on blog of Zentrum Liberale Moderne]
- 2019 Hagedorn, Gregor, Thomas Loew, Sonia I. Seneviratne, Wolfgang Lucht, Marie-Luise Beck, Janina Hesse, Reto Knutti, Volker Quaschnig, Jan-Hendrik Schleimer, **Linus Mattauch**, Christian Breyer, Heike Hübener, Gottfried Kirchengast, Alice Chodura, Jens Clausen, Felix Creutzig, Marianne Darbi, Claus-Heinrich Daub, Felix Ekardt, Maja Göpel, Judith N. Hardt, Julia Hertin, Thomas Hickler, Arnulf Köhncke, Stephan Köster, Julia Krohmer, Helga Kromp-Kolb, Reinhold Leinfelder, Linda Mederake, Michael Neuhaus, Stefan Rahmstorf, Christine Schmidt, Christoph Schneider, Gerhard Schneider, Ralf Seppelt, Uli Spindler, Marco Springmann, Katharina Staab, Thomas Stocker, Karl Steininger, Eckart von Hirschhausen, Susanne Winter, Martin Wittau, Josef Zens. Scientists for Future: A joint statement by German, Austrian, and Swiss scientists and scholars concerning the protests of young people demanding adequate

- protection of the climate, biodiversity, forest, oceans, and soil. *GAIA*, 28/2, 73–176. [GAIA Best Paper Award 2019]
- 2018 Dasgupta, Purnamita, Ottmar Edenhofer, A.M.A. Amezquita, Antonio Bento, Simon Caney, David De la Croix, A Fosu, Michael Jakob, M Saam, Kristin Shrader-Frechette, Christian Flachsland, John Weyant, L You, GC Delgado-Ramos, Marcel Dorsch, David Klenert, R Lempert, J Leroux, Kai Lessmann, J Liu, **Linus Mattauch**, Charles Perrings, Gregor Schwerhoff, Kristin Seyboth, Jan Streckel. Economic Growth, Human Development, and Welfare. In: Fleurbaey, M. et al. (ed.): Rethinking Society for the 21st Century Report of the International Panel on Social Progress. Cambridge University Press.
- 2018 **Mattauch, Linus**, Richard Millar, Frederick van der Ploeg, Armon Rezai, Anselm Schultes, Frank Venmans, Nico Bauer, Simon Dietz, Ottmar Edenhofer, Niall Farrell, Cameron Hepburn, Gunnar Luderer, Jacquelyn Pless, Fiona Spuler, Nicholas Stern, Alexander Teytelboym. Steering the Climate System: An extended Comment. CESifo Working Paper 7414.
- 2018 Wissenschaftliche Arbeitsgruppe für weltkirchliche Aufgaben der Deutschen Bischofskonferenz (Ed.). Raus aus der Wachstumsgesellschaft? Eine sozioethische Analyse und Bewertung von Postwachstumsstrategien. [Edmunds, B., Goergens, E., Hageman, H., Hemmer, H.-R., Kruip, G., Kalkuhl, M., Mueller, J., Stoll, G., Wallacher, J., Wiemeyer, J., Felbermayr, G., **Mattauch, L.**, Zahrnt, A., Goesele, A., Heindl, A.M.] Studien der Sachverständigengruppe “Weltwirtschaft und Sozialethik” Bd. 21.
- 2017 **Mattauch, Linus**, Matthias Roesti, Moritz Schwarz, Jan Siegmeier. Wirtschaftswachstum und Klimawandel. Chancen und Herausforderungen auf dem Weg zur klimafreundlichen Gesellschaft *Wirtschaftspolitische Blätter* 3/2017, p.361-374.
- 2015 **Mattauch, Linus**. *Rent and Redistribution. The welfare implications of financing low-carbon public investment*. PhD thesis, TU Berlin.
- 2013 Creutzig, Felix, **Linus Mattauch**. [Book review]: Fleurbaey, M., D. Blanchet: Beyond GDP. Measuring Welfare and Assessing Sustainability. *Ecological Economics*, 94: 164–165.

BLOG POSTS

- 2025 **Mattauch, L.** Ökonomischer Klimaschutz ist populärer als gedacht – solange er global vereinbart wird. <https://background.tagesspiegel.de/energie-und-klima/briefing/oekonomischer-klimaschutz-ist-populaerer-als-gedacht-solange-er-global-ver>
- 2024 Klenert, D., **Linus Mattauch**, Simona Sulikova. Economic transport policy should prioritise physical activity. <https://blogs.lse.ac.uk/politicsandpolicy/economic-transport-policy>
- 2024 **Mattauch, Linus**, Jiaxin Zhao. Why energy standards can be fairer than carbon pricing schemes <https://blogs.lse.ac.uk/europpblog/2024/02/06/why-energy-standards-can-be-fairer-than-carbon-pricing-schemes>
- 2023 **Mattauch, Linus** Ist die aktuelle Verkehrspolitik ungesund? <https://background.tagesspiegel.de/mobilitaet/ist-die-aktuelle-verkehrspolitik-ungesund>
- 2023 Funke, Franziska, **Linus Mattauch**, Leona Tenkhoff. Wie die Bepreisung von Emissionen politisch möglich wird. <https://background.tagesspiegel.de/agrar-ernaehrung/wie-die-bepreisung-von-tierischen-produkten-politisch-moeglich-wird>
- 2023 Funke, Franziska, **Linus Mattauch** Meat tax: No UK politician is calling for one - but may they should <https://theconversation.com/meat-tax-no-uk-politician-is-calling-for-one-but-may-they-should>
- 2022 **Mattauch, Linus** Sind CO₂-Preise wirklich gerechter als Energiestandards? <https://background.tagesspiegel.de/energie-klima/sind-co2-preise-wirklich-gerechter-als-energiestandards>

2022	Mattauch, Linus Wie sich Vermögensbesteuerung und Wirtschaftswachstum vereinbaren lassen. https://makronom.de/wie-sich-vermoegensbesteuerung-und-wirtschaftswachstum-vereinbaren-lassen .
2022	Mattauch, Linus , Anna Wiese. Die Notwendigkeit zum Wertewandel fordert auch die VWL heraus. https://makronom.de/die-notwendigkeit-zum-wertewandel-fordert-auch-die-vwl-heraus .
2022	Konc, Théo, Linus Mattauch , Nicholas Stern. For climate economics, preferences can and should be endogenous. https://voxeu.org/article/climate-economics-preferences-can-and-should-be-endogenous .
2022	Sommer, Stephan, Linus Mattauch Michael Pahle. Klimageld: Ein Kompromiss für faire Energiepreise. Makronom, March 2022. https://makronom.de/klimageld-ein-kompromiss-fuer-faire-energiepreise .
2021	Sommer, Stephan, Linus Mattauch Michael Pahle. What matters for the support of carbon taxes? Lessons from Germany. Green Fiscal Policy Network Blog https://greenfiscalspolicy.org/blog/what-matters-for-the-support-of-carbon-taxes-lessons-from-germany .
2019	Klenert, David, Linus Mattauch . Reducing wealth inequality through wealth taxes without compromising economic growth. promarket.org, Stigler Center at the University of Chicago Booth School of Business. https://promarket.org/2019/01/24/reducing-wealth-inequality-through-wealth-taxes-without-compromising-economic-growth .
2018	Funke, Franziska, Linus Mattauch . Why is carbon pricing in some countries more successful than in others? Our World in Data. https://ourworldindata.org/carbon-pricing-popular
2018	Mattauch, Linus , Alexander Radebach, Jan Siegmeier, Simona Sulikova. Shrink emissions, not the economy! Our World in Data. https://ourworldindata.org/shrink-emissions-not-the-economy .

AWARDS

2025	European Award for Researchers in Environmental Economics under the Age of Forty
2022	3 rd prize in paper competition for environmental economics, German Economics Prize, Joachim Hertz Stiftung
2021–2026	Member of Junge Akademie, the Junior Chapter of Leopoldina and Berlin-Brandenburgische Akademie der Wissenschaften
2016	Wladimir-Peter-Köppen-Prize of the excellence cluster CliSAP, University of Hamburg [Award for the best PhD thesis on climate change in German-speaking countries]
2010 – 2013	PhD Scholarship of the Studienstiftung des deutschen Volkes [German Academic Scholarship Foundation]
2008	“Gibbs Prize in Mathematics and Philosophy” for the best examination result in mathematics in “Part C”, University of Oxford
2005 – 2009	Undergraduate Scholarship of Studienstiftung
2005 – 2008	Scholar of St. Hugh’s College, Oxford

GRANTS

2024	PROSOCIAL - Leibniz-Kooperative Exzellenz, Leibniz Association, ca. €80.000 (PI: Mark Andor, RWI – Leibniz Institute for Economic Research)
2023	Einstein International Postdoctoral Fellow ca. €344.000
2022	Oxford-Berlin Research Partnership Flexible Funds, Berlin University Alliance , €6.780

2022	TU Climate Change Center ad-hoc grant, €20.000
2021–	Junge Akademie ca. €10.000
2021 – 2027	Robert Bosch Junior Professorship €1.006.000
2020	Livestock, Environment and People (LEAP) Programme, Small Project Grant, Oxford Martin School, University of Oxford, ca €17.000.
2018	H2020-MSCA-RISE project GEMCLIME-2020 travel grant ca. €2.500
2016 – 2019	Travel and Research Fund, School of Geography and the Environment, University of Oxford, ca. €3.500
2016 – 2018	Postdoctoral Scholarship of the German Academic Exchange Service (DAAD), ca. €50.000
2010 – 2013	PhD Scholarship of the Studienstiftung des deutschen Volkes, ca. €39.000

TEACHING AT TECHNICAL UNIVERSITY OF BERLIN

Winter 2024	Lecture “Einführung in die Volkswirtschaftslehre und Nachhaltigkeit”
Summer 2023	Seminar “Inequality and the Environment” (with Théo Konc)
Winter 2022–Summer 2024	Seminar “Selected advanced topics in development, environmental and public economics” (with Leonard Missbach)
Winter 2021, Winter 2022, Summer 2024	Lecture “Economics of Sustainability”
Summer 2021, Summer 2022, Winter 2023, Winter 2024	Lecture “Wirtschaftspolitik”
Summer 2021–Winter 2023	Seminar “How to advance climate policy. Economic perspectives on the climate crisis.
2013	Tutor for the lecture course “Green Growth and New Models of Prosperity – Fairy Tale or Strategy?”
2012	Tutor for the lecture course “The Economics of Climate Change”
2012	Lecturer for the seminar “Behavioral Economics of Mobility” (with Felix Creutzig)
2009–2011	Teaching Assistant for the lecture courses “Geographical Economics and Climate Change” and “Climate Change Economics”

TEACHING AT UNIVERSITY OF OXFORD

2020	Lecturer for “Economics of the Environment”, MSc in Environmental Change and Management
2020	Lecturer for “Sustainable Responses to Environmental Change” (with Jim Hall); MSc in Environmental Change and Management.
2019	Lecturer for “Economics of the Environment” (with Stefania Innocenti), MSc in Environmental Change and Management and MSc in Nature, Society and Environmental Governance
2019	Lecturer for “Sustainable Responses to Environmental Change” (with Friederike Otto), MSc in Environmental Change and Management.

2019	Undergraduate Tutorials on “The economics of climate change” (with Ryan Rafaty, Sughanda Srivastav, Moritz Schwarz).
2017	Lecturer for “Quantitative Skills” (together with Imma Oliveras), MSc in Environmental Change and Management.
2016–2018	Lecturer for “Environmental Economics and Policy” (together with Dustin Garrick), MSc in Environmental Change and Management.

FURTHER TEACHING: GUEST SEMINARS LECTURES AND SUMMER SCHOOL CONVENING

2022	Economic perspectives on the climate crisis: whither economic instruments (with Nils aus dem Moore and Stephan Kroll). Studienstiftung des deutschen Volkes [German Academic Scholarship Foundation], Neubeuern.
2021	“Making carbon pricing work for citizens” (Guest Lecture), Doctoral Programme Climate Change, University of Graz
2020	Environmental Policy Seminar “Economic perspectives on the climate crisis” (with Nils aus dem Moore). University of Bayreuth
2019	“Climate policy and altruism”. Berlin Economics Graduate Programme, Humboldt University Berlin
2014	“Wohlfahrt ohne Wachstum? – Eine kritische Analyse der Wachstumskritik” [Prosperity without Growth? – A Critical Analysis of Degrowth] (with Jan Siegmeier). Studienstiftung des deutschen Volkes [German Academic Scholarship Foundation], Leysin, Switzerland.

SUPERVISION

2024–	PhD thesis of Till Armbruster
2024–	PhD thesis of Lushanya Dayathilake
2021–	PhD thesis of Franziska Funke
2018–2021	DPhil [PhD] thesis of Simona Sulikova (with Christian Brand)
2025	MSc theses of Valentin Bayas, Clara Schreiber (with colleagues)
2025	BSc theses of Charlotte Baron, Arwed Straub (with colleagues)
2024	BSc theses of Louis Brendel, Mary Chen, Helen Geiss, Louisa Kocks, Leonard Zimmer (with colleagues)
2023	MSc thesis of Lennard Naumann (with Charlotte Bez and Jan Steckel)
2023	BSc theses of Lorenz Dögnitz, Henry Gos, Madita Plage, Laura Schepp (with colleagues)
2022	MSc thesis of Moritz Reuter (with Théo Konc)
2022	BSc theses of Marlene Merchert, Annabelle Riess, Leona Tenkhoff (with Franziska Funke)
2021	BSc thesis of Julius Küster
2021	BA thesis of Anna Wiese

2020–	Predoctoral stay and PhD of Franziska Funke
2020	MSc thesis of Sophia Watkins (with Ryan Rafaty)
2020	MSc thesis of Jiaxin Zhao
2019	MSc thesis of Sharmen Hettipola (with Mark Hirons)
2018–2019	MPhil thesis of Gary Stevenson (with Elizabeth Baldwin)
2017–2018	MPhil thesis of Simona Sulikova
2017	BSc thesis of Franziska Funke
2015	Student project on a critical analysis of the arguments of the degrowth movement. Available as: Funke, F., F. Gressman, P. Mathé, M. Oberhaus, J.J. Obst, M. Roesti, D. Weishaar (2016). Wirtschaftswachstum aufgeben? – Eine Analyse wachstumskritischer Argumente. [Mit einem Geleitwort von Linus Mattauch und Jan Siegmeier] MCC Working Paper 1/2016 and at www.postwachstumskritik.de
2012	MSc thesis of Sophie Bénard (with Ottmar Edenhofer)

SCIENTIFIC COMMITTEES AND ADVISORY WORK

2022-2023	International Working Group “Towards Sustainable Food Consumption”, in support of the European Commission’s Scientific Advice Mechanism (SAM).
2021–	Member of Joint Consultative Teaching Committee at Faculty VII, TU Berlin
2019-2021	Contributing Author to IPCC Working Group III, AR6, Chapter 5.
2019	“The future of carbon pricing. A joint response by the The Grantham Research Institute on Climate Change the Environment, The Institute for New Economic Thinking at the Oxford Martin School and The Environmental Change Institute” to a joint consultation of the UK Government, the Scottish Government, the Welsh Government and the Department of Agriculture, Environment and Rural Affairs in Northern Ireland [with Josh Burke, Baran Doda and Luca Taschini]
2018–	Member of Expert Commission of the German Catholic Church on “World Economy and Ethics: Sustainable Development”.
2016–2017	International Panel on Social Progress. Ch.4: Economic Growth, Human Development and Planetary Welfare. Contributing Author.
2016–2017	Expert Commission of the German Catholic Church on „Ecology and Development“. Guest Member.
2017–	Ad-hoc advisory work for Citizens’ Climate Lobby Germany, Scientists for Future and Fridays for Future Germany.
2017	Löschel, Andreas, Cameron Hepburn, Oliver Kaldenegger, Linus Mattauch . Expert advisory opinion document prepared for the finance committee of the German Parliament. [“Schriftliche Stellungnahme zur öffentlichen Anhörung zu dem Gesetzesentwurf der Bundesregierung “Entwurf eines Zweiten Gesetzes zur Änderung des Energie- und des Stromsteuergesetzes” – BT-Drucksache 18/11493 – sowie zu dem zum Gesetzentwurf gesondert eingebrachten Änderungsantrag der Fraktion DIE LINKE.”]

SERVICE TO THE PROFESSION

Workshop organisation Convener of the Berlin environmental economics research seminar (RSERC); Programme Chair, The Economics of Sustainability after the pandemic, Oxford, 27/28 April 2022; The Economics of Inequality and the Environment Workshop, Leipzig, 21–23 September 2020 (with Moritz Drupp, Jasper Meya, Martin Quaas, Lutz Sager); Symposium for the High-Level Commission on Carbon Prices. Ecole Normale Supérieure, Paris. 16–17 May 2017 (with Gaël Giraud, Cameron Hepburn, Nicholas Stern).

Reviewing for journals *American Economic Journal: Economic Policy*, *Applied Energy*, *Climate Policy*, *Ecological Economics*, *Economica*, *Economic Modelling*, *Economics Letters*, *Energy Economics*, *Energy Research and Social Science*, *Environmental and Resource Economics*, *Environmental Innovation and Societal Transition*, *European Economic Review*, *Finanzarchiv/public finance analysis*, *Global Environmental Change*, *Journal of Environmental Economics and Management*, *Journal of Environmental Economics and Policy*, *Journal of the European Economic Association*, *Nature Climate Change*, *Nature Communications*, *Nature Human Behaviour*, *Nature Food*, *Nature Sustainability*, *Perspektiven der Wirtschaftspolitik*, *Proceedings of the National Academy of Sciences of the United States of America*, *The RAND Journal of Economics*

Ad-hoc reviewing for organisations Alexander von Humboldt Foundation, Austrian Science Fund, EAE-RE 2020-2023 meetings, IIPF 2024, Jubilaeumsfonds der Oesterreichischen Nationalbank, Polity Books, Rebuilding Macroeconomics, The World Conference on Transport Research Society, Vfs 2024

Memberships Economists for inclusive prosperity, Scientists for Future Germany (board member), Sustainable Future Policy Lab

Faculty Administration Joint consultative teaching committee, Faculty Economics and Management, 10/2021–

Scientific Advisory Board Transfair-At. Socially Fair Options for a Climate Neutral Transformation of Housing and Mobility in Austria, 1/22–

INVITED TALKS

2025	Columbia, Santa Fe Institute, American University, Die Junge Akademie, Utrecht, Oxford
2024	Cologne, Oxford, St. Gallen
2023	ESRI Dublin, University College Dublin, Siena, Oxford, Kiel, Eichstätt-Ingolstadt
2022	Hertie School, EPFL Lausanne
2021	CHIPS workshop, Lexat workshop (Graz), MCC Berlin, Paris School of Economics
2020	ISER Osaka; SWEEP (ZEW); Florence School of Regulation Annual Conference
2019	CIREN Nogent-sur-Marne; ICTA UAB Barcelona; Derechos Humanos y Justicia Climática, Fundación Mainel, Valencia; BETTA Berlin
2018	Columbia University
2017	University of Gothenburg, University of Hamburg, UFZ Leipzig

PRESENTATIONS AT CONFERENCES

2024	80 th IIPF annual congress, Prague
2023	The political economy of meat system transformation, Monte Verita, Ascona (CH).
2022	Verein für Socialpolitik, Graz Sustainability Forum
2021	“Healthy Climate, Healthy Bodies: Optimal Fuel Taxation and Physical Activity”. 20 th Journées Louis-André Gerard-Varet, Marseille.
2021	European climate action: Political economy challenges. St. Antony’s College, Oxford.
2019	Verein für Socialpolitik, Leipzig, “Pigou pushes preferences: Decarbonisation options and endogenous values.” (accepted, but not given)
2019	34 th Annual Congress of the European Economic Association. “Pigou pushes preferences: Decarbonisation options and endogenous values.”
2019	18 th Journées Louis-André Gerard-Varet, Aix-en-Provence, “Pigou pushes preferences: Decarbonisation options and endogenous values.”
2019	Royal Economic Society, Annual Conference, University of Warwick, “Pigou pushes preferences: Decarbonisation options and endogenous values.”
2018	6 th World Congress of Environmental and Resource Economists, University of Gothenburg, “Pigou pushes preferences: Decarbonisation options when preferences are endogenous”, within thematic session “Endogenous Preferences and Environmental Policy” organised
2018	ZEW Mannheim, Public Finance Workshop, “Overcoming wealth inequality by capital taxes that finance public investment”
2018	Royal Economic Society, Annual Conference, University of Sussex, “Overcoming wealth inequality by capital taxes that finance public investment”
2017	Verein fuer Socialpolitik Jahrestagung, Wien, “Overcoming wealth inequality: When can capital tax-financed public investment help?”
2017	32 nd Annual Congress of the European Economic Association (EEA), Lisbon, “Overcoming wealth inequality: When can capital tax-financed public investment help?”
2017	16 th Journées Louis-André Gerard-Varet, Université Aix-en-Provence. “Piketty meets Pasinetti: On public investment and intelligent machinery”
2016	15 th Journées Louis-André Gerard-Varet, Université Aix-en-Provence. “Financing public capital when land is back: a macroeconomic Henry George Theorem”
2016	Combating Climate Change. Lessons from Macroeconomics, Political Economy, and Public Finance. 11 th Tinbergen Institute Conference, Amsterdam. “Capital beats coal. How collecting the climate rent increases aggregate investment.”
2016	Network of Integrated Behavioral Science Annual Conference, Norwich (UK). “Evaluating climate policy when mitigation measures shape preferences”
2015	Our Common Future under Climate Change. Paris. “The fiscal benefits of climate policy: an overview”
2015	16 th Annual Conference of Public Economic Theory (PET), Luxembourg. “Engel’s Law and Carbon Tax Reform – a Double Dividend of Redistribution?”

2015	AURÖ Nachwuchsworkshop [young academics meeting of the Scientific Society of German-speaking Environmental and Resource Economists], Hamburg. “A public finance perspective on climate policy: Six interactions that may enhance welfare”
2015	Green Growth Knowledge Platform, Third Annual Conference. Venice. “A public finance perspective on climate policy: Six interactions that may enhance welfare”
2014	Climate Change and Transport, KIT, Karlsruhe. “The Behavioural Economics of Mobility” (Poster)
2014	13 th Journées Louis-André Gerard-Varet, Université Aix-en-Provence. “Public Investment when Capital is Back – Distributional Effects of Heterogeneous Saving Behavior”
2013	The Radical Emission Reduction Conference, Tyndall Center, London. “The Behavioural Climate Change Economics of Mobility” (Poster)
2013	69 th IIPF annual congress, Taormina. “Hypergeorgism: When is rent taxation as a remedy for insufficient capital accumulation socially optimal?”
2012	AURÖ Nachwuchsworkshop, Bern. “Avoiding Carbon Lock-In: Evaluating Policy Options for Advancing Structural Change”
2011	22 nd PhD Workshop on International Climate Policy, Cologne. “Low-Carbon Structural Change with Inertia in Long-Lived Capital”

POLICY AND BUSINESS ENGAGEMENT

2023	Leibniz im Bundestag
2022	Robert Bosch Company, Research Unit
2021	Policy Research Unit, Houses of Parliament; Chinese Women in the City
2020	EEX-stakeholder dialogue.

PUBLIC LECTURES

2025	Climate policy in the European Union. University of California San Diego.
2024	“Klimaschutzmaßnahmen: Akzeptanz, Gerechtigkeit, Verteilungsfragen”. Local Conference of Youth, Berlin.
2024	“Wissenschaftliche Politikberatung”. Joachim Herz Stiftung, Hamburg.
2024	“Klimaschutz und Wirtschaftswachstum - kein Widerspruch?”. Institut für Wirtschaftspolitik, Universität zu Köln.
2023	“Ökonomische Instrumente für Nachhaltige Ernährung”. Ringvorlesung Nachhaltige Wirtschaft, Katholische Universität Eichstätt-Ingolstadt
2023	“Wie sozialökologische Transformation gelingen kann. Welchen Beitrag leistet die Wirtschaft?”. Evangelische Akademie Sachsen-Anhalt.
2021	“Klimaschutz und Wirtschaftswachstum – ein lösungsorientierter Ansatz”. Effective Altruism Münster (with Franziska Funke)
2020	“Kann sich Österreich eine ökologische Steuerreform leisten?”. Third Vienna Forum on Climate Action, organised by Global 2000.

2020	“Klimaschutz und Wirtschaftswachstum – Gegensätze?” Friedrich-Naumann Stiftung für die Freiheit.
2020	“Welche Zukunft für die Klimapolitik?” Virtual annual lecture for Studienstiftung des deutschen Volkes.
2020	Annual Coutts Lecture at Harrow School. “100 years after Pigou: Which future for climate policy?”
2020	“(Wie) sind Klimaschutz und Wirtschaftswachstum vereinbar?” Vortragsreihe Plurale Ökonomik, University of Siegen.
2019	“Klimapolitik in Deutschland 2019.” Oxford University German Society.
2019	“Wirtschaftswachstum und Klimaschutz - (k)ein Widerspruch?” [Growth and climate protection – no contradiction?], Sommerakademie of Club der Ehemaligen der deutschen Schuelerakademien, Kirchheim, Germany.
2019	“Wirtschaftswachstum und Nachhaltigkeit - (k)ein Widerspruch?” [Growth and Sustainability – no contradiction?] Ringvorlesung “Wege in die ökologische Moderne.”, University of Bayreuth.
2018	“Gerechte Steuerung der Dekarbonisierung.” [Just regulation of decarbonisation] Dialogforum, Hochschule für Philosophie, Munich.
2017	“Sind Klimaschutz und Wirtschaftswachstum vereinbar? – Eine kritische Analyse der Wachstumskritik”. [Are climate change mitigation and economic growth compatible?]. CGG, University of Hamburg.
2016	“Sind Klimaschutz und Wirtschaftswachstum vereinbar?”. Friedrich-Naumann-Stiftung für die Freiheit, Gummersbach.
2015	“Nationale Klimapolitik nach der Klimakonferenz in Paris” [National climate policy after the Paris climate conference]. University of Cologne.
2015	“Wachstum und Nachhaltigkeit – (k)ein Widerspruch?” [Growth and Sustainability – a Contradiction?] Lecture Series on Post-Growth Economics. Environmental Initiative of Technical University of Dresden.
2015	“Wohlfahrt ohne Wachstum? – Eine kritische Analyse der Wachstumskritik” [Prosperity without Growth? – A Critical Analysis of Degrowth] Lecture Series on Post-Growth Economics. Environmental Initiative of Technical University of Dresden.
2014	“Wie weiter mit dem Klimaschutz? Lösungsansätze zwischen Evolution und Revolution” [Whither climate change mitigation? Suggested solutions between evolution and revolution] (with Jan Sieglemeier) Summer School of the German National Academic Merit Foundation, Leysin (Switzerland).
2011	“Sustainability and Growth in Economic Theory” (with Felix Creutzig and Jan Minx), Beyond Growth, ATTAC-Convention at TU Berlin.

MEDIA

TV ARD, RBB

Radio BBC Radio 4, Deutschlandfunk, RBB inforadio, NDR Info

(Online) Newspapers The Economist, TIME, The Irish Times, Sueddeutsche Zeitung, ZEIT, Frankfurter Allgemeine Zeitung, Frankfurter Allgemeine Sonntagszeitung, Spiegel Online, Tages-Anzeiger, Handelsblatt, SWR, Focus, taz, Frankfurter Rundschau, Maerkische Allgemeine Zeitung, Rheinische Post

Statements and portraits Argus, Tagesspiegel Background

Podcast At the Margin. An Irish economics podcast; Wissen - Handeln? Der Podcast zur engagierten Wissenschaft

PERSONAL

Born May, 12, 1985 in Braunschweig, Germany

Erdoes number: 3 (via Nicholas Stern)

REFERENCES AVAILABLE FROM

Ottmar Edenhofer

Potsdam-Institut für Klimafolgenforschung
Postfach 601203, D-14412 Potsdam, Germany
+49 30 33 85 537 -101
ottmar.edenhofer@pik-potsdam.de

Sir Charles Godfray

Oxford Martin School
University of Oxford
34 Broad Street
Oxford OX1 3BD, United Kingdom
+44 1865 287362
charles.godfray@oxfordmartin.ox.ac.uk

Cameron Hepburn

Institute for New Economic Thinking at the Oxford Martin School
University of Oxford
Manor Road Building, Manor Road
Oxford OX1 3UQ, United Kingdom
+44 1865 616597
cameron.hepburn@inet.ox.ac.uk

Lord Nicholas Stern

Grantham Research Institute on Climate Change and the Environment
London School of Economics and Political Science
Houghton Street
London WC2A 2AE, United Kingdom
+44 20 7852 3564
n.stern@lse.ox.ac.uk

Joseph E. Stiglitz

Columbia Business School, Columbia University
Uris Hall, Room 212, 3022 Broadway, New York, NY 10027, USA
+1 (212) 854-1481
jes322@columbia.edu

Berlin, June 2025