

Maximilian J. Blaschke

Accounting | Energy | Policy | Sustainability | Mobility | Economics

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EDUCATION & ACADEMIC POSITIONS

- Munich**
since 01/25 **Professor at the Chair of Management Accounting (interim) at TUM School of Management, Munich, Germany**
Research interests in Accounting, Energy, Policy, Sustainability, Mobility and Economics.
- Cambridge**
since 02/23 **Visiting Scholar & Research Affiliate at Massachusetts Institute of Technology, Cambridge, USA**
Center for Energy and Environmental Policy Research.
- Munich**
10/22 – 12/24 **Postdoctoral Researcher at TUM School of Management, Munich, Germany**
Chair of Management Accounting and Center for Energy Markets, Research interests in Accounting, Energy, Policy, Sustainability, Mobility.
- Munich**
04/17 – 09/22 **Doctoral Student at TUM School of Management, Munich, Germany**
Chair of Management Accounting, “Strategies and Policy Design: Three Essays on Renewable Energy Integration” graded Summa Cum Laude.
- Beijing**
11/19 – 12/19 **Visiting Research Fellow at Beijing Institute of Technology, Beijing, China**
Center for Energy and Environmental Policy Research.
- Lisbon**
08/16 – 01/17 **Exchange student at ISEG School of Economics and Management, Lisbon, Portugal**
Finance & Banking, Asset Management.
- Munich**
10/11 – 02/17 **B.Sc. and M.Sc. at TUM School of Management, Munich, Germany**
Finance & Accounting and Computer Science, Thesis: “The influence of political regulations and market design on energy storage systems” (thesis grade 1.0, best possible grade), final grade of studies 1.6.

ACADEMIC ACTIVITY

- since 04/22* **Organizer ACE-Lunch Brown Bag Series**
Organizer of the Accounting, Controlling, and Energy Lunch (ACE Lunch) brown bag seminar series at Chair of Management Accounting, TUM School of Management.
- 04/17 – 10/22* **TUMfast Scholarship Program Director**
Program director of the “Finance and Accounting Selected Talents”- Scholarship (TUMfast); responsible for partner acquisition, coordination, development of the program and selection process at Chair of Management Accounting, TUM School of Management.

PROJECTS & THIRD-PARTY-FUNDING

07/23 – 12/23	90.000€ Siemens Economic analysis of battery passports with potential customers, their requirements, market sizing and business concepts.
08/22 – 01/23	90.000€ Siemens Market analysis and economic model for recycling of electric vehicle battery packs in Germany with decision assistant and criteria for recycling procedures.
01/20 – 10/22	330.000€ Santander Collection of studies and smaller projects to answer the main research question: “Who is the best future owner of cars & mobility services?”
09/21 – 05/22	48.000€ Siemens Model and tool to calculate the residual value of used battery storage systems for different second life applications.

SCHOLARSHIPS, HONOURS & AWARDS

2024	Hanns-Seidel-Stiftung Best Paper Award for Blaschke, Maximilian J.: Dynamic pricing of electricity: Enabling demand response in domestic households.
2023	Theodor-Wessels-Award for Blaschke, Maximilian J.: Dynamic pricing of electricity: Enabling demand response in domestic households.
2022	“Kulturpilot” honorary award by the German government for software innovations in the arts & cultural sector with connectz GmbH.
2022	Add-on Fellowship for Interdisciplinary Economics by the Joachim-Herz-Stiftung.
2022	EEX Group Excellence Award for Blaschke, Maximilian J.: Subsidy-Induced Innovation & Learning: How Green are Subsidies in Electric Vehicles?
2022	One of three finalists for the Dennis J. O’Brien Award of the United States Association for Energy Economics (USAEE) for Blaschke, Maximilian J.: Subsidy-Induced Innovation & Learning: How Green are Subsidies in Electric Vehicles?
2017	Horváth Doctoral Club for excellent doctoral students at Horváth & Partners GmbH.
2013	TUMfast scholarship for the best students at the TUM School of Management.
2013	Horváth Student Club for excellent students at Horváth & Partners GmbH.

TEACHING

Courses	B.Sc./M.Sc. Lecture Principles of Business Administration I (BWL I, German) (2024) B.Sc./M.Sc. Lecture & Exercise Cost Accounting (2022, 2021) M.Sc. Lecture & Exercise Management Accounting (2021/22) B.Sc./M.Sc. Lecture Cost Accounting (2019) B.Sc./M.Sc. Exercise Controlling (2017/18)
Seminars	M.Sc. Seminar Political Stakeholder Management (2022/23) M.Sc. Seminar Entrepreneurial Modelling (2024, 2023/24, 2023, 2021) M.Sc. Seminar Challenges in SME (2023/24, 2020/21, 2019) M.Sc. Seminar Management Accounting with SAP (2020, 2019/20) M.Sc. Case Study Seminar (2023/24, 2023, 2020, 2018/19, 2018, 2017) M.Sc. Seminar Corporate Valuation (2022/23, 2020, 2018)

PUBLICATIONS, WORKING PAPERS, CONFERENCES

- Peer-Reviewed** Steinbach, Sarah; Blaschke, Maximilian J.: How grid reinforcement costs differ by socio-economic electric vehicle user groups; *Nature Communications*, Volume 15, 9674 (November 2024), <https://www.nature.com/articles/s41467-024-53644-0>
- Bendzuck, Konrad; Mayer, Julian K.; Kwade, Arno; Kemmer, Lukas; Blaschke, Maximilian J.; Friedl, Gunther; Kollenda, Anna; Lechner, Maximilian; Keilhofer, Josef; R. Daub: Cost modeling for the GWh-scale production of modern lithium-ion battery cells; *Nature Communications Engineering*, Volume 3, 155 (November 2024), <https://www.nature.com/articles/s44172-024-00306-0>
- Steinbach, Sarah; Blaschke, Maximilian J.: Enabling electric mobility: Can photovoltaic and home battery systems significantly reduce grid reinforcement costs?; *Applied Energy*, Volume 375, December 2024 <https://doi.org/10.1016/j.apenergy.2024.124101>
- Friedl, Gunther; Reichelstein, Stefan; Bach, Amadeus; Blaschke, Maximilian J.; Kemmer, Lukas: Applications of the Levelized Cost Concept; *Journal of Business Economics*, Volume 93, July 2023 <http://dx.doi.org/10.1007/s11573-023-01171-7>
- Blaschke, Maximilian J.: Dynamic pricing of electricity: Enabling demand response in domestic households; *Energy Policy*, Volume 164, May 2022 <https://doi.org/10.1016/j.enpol.2022.112878>
- Working Papers** Blaschke, Maximilian J.: Accounting for Policy-Induced Innovation and Learning: Calculating the Long-Run Ecological Benefits of Purchase Subsidies? *January, 2025* (Older version available at SSRN: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4134374)
- Blaschke, Maximilian J.: Utilizing Decentralized Storage Systems with Price Guarantees: Insights for Dynamic Tariff Design. *December 2024* (Older version available at SSRN: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4130952)
- Scholta, Hanna; Blaschke, Maximilian J.: Shedding Light on Green Claims: The Impact of a Closer Temporal Alignment of Supply and Demand in Voluntary Green Electricity Markets (*MIT Working Paper Series June 2024* via <https://shorturl.at/OL1P9>)
- Kemmer, Lukas; Bach, Amadeus; Blaschke, Maximilian J.: The impact of battery technology on residential solar PV and storage systems and their fossil fuel reduction potential, *September 2024*
- Blaschke, Maximilian J.; Schloter, Lukas: Hidden discrimination: Why regulators around the world might deny a common measuring system for the emissions of vehicles, *January 2024*
- Other** Blaschke, Maximilian J.: Strategies and Policy Design: Three Essays on Renewable Energy Integration; *Dissertation, TUM School of Management, September 2022* <https://nbn-resolving.org/urn/resolver.pl?urn:nbn:de:bvb:91-diss-20220919-1663396-1-8>
- Friedl, Gunther; Blaschke, Maximilian J.: Product Mining – Das Produkt als zentrale Stellgröße strategischer Entscheidungen; *Controlling* 34 (4), August 2022 <http://dx.doi.org/10.15358/0935-0381-2022-4-71>
- Grundke, Manfred; Friedl, Gunther; Wintrich, Hans; Blaschke, Maximilian J.; Matthäus, David; Walcher, Friedrich: Strategie zur Reduzierung der CO₂-Emissionen bei energieintensiven Produktionsprozessen; *Energiewirtschaftliche Tagesfragen* 68 (10), 2018.

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Reports

Blaschke, Maximilian J.; Frank, Markus; Friedl, Gunther: Nachhaltigkeitskriterien im Mittelstand: Werden aktuelle Regulatorien im Bereich Nachhaltigkeit zu Finanzierungsschwierigkeiten im deutschen Mittelstand führen?; *Hanns-Seidel-Stiftung e.V.*, June 2023 <https://shorturl.at/ea1tJ>

Friedl, Gunther; Blaschke, Maximilian J.: Eine verhaltensökonomische Experimentalanalyse: Welche Rolle spielt Beratung bei der Verbreitung nachhaltiger Versicherungsprodukte?; *Gesamtverband der deutschen Versicherungswirtschaft e.V.*, September 2022 <https://shorturl.at/0AnsE>

Stäglich, Jörg; Fritz, Thomas; Manteuffel, Dennis; Kleinschmidt, Verena; Zangemeister, Leopold; Müllner, Anton; Friedl, Gunther; Blaschke, Maximilian J.: Dekarbonisierung – Der 8000er für EVUS: Ambitionen und Status quo deutscher Energieversorger; *January 2022* <https://shorturl.at/6BbVZ>

Stäglich, Jörg; Fritz, Thomas; McKenna, Andrew; Bhuchar, Abhimanyu; Manteuffel, Dennis; Kleinschmidt, Verena; Friedl, Gunther; Blaschke, Maximilian J.: Carbon Neutral - Opportunities For Utilities In A Decarbonized Environment; *September 2020* <https://shorturl.at/1sGjO>

Conferences

Sep 2024, CEEPR (MIT) European Energy Policy Conference in Copenhagen, Denmark

Sep 2024, SDEWES in Rome, Italy

Nov 2023, USAEE in Chicago, USA

Oct 2023, CEEPR (MIT) Policy Workshop for Political Stakeholders in Washington, USA

Sep 2023, CEEPR (MIT) European Energy Policy Conference in Brussels, Belgium

Oct 2022, USAEE in Houston (finalist in the best paper award competition of the USAEE)

Jun 2022, ERSS in Manchester, UK