

PHILIP HOLLER

University of Mannheim, Schloss, O 360 — Mannheim, Germany
philip.holler@uni-mannheim.de — LinkedIn

EDUCATION

Doctoral Candidate in Accounting , University of Mannheim, Germany Graduate School of Economic and Social Sciences (GESS) Center for Doctoral Studies in Business (CDSB)	2021 – present
Visiting Doctoral Student Stanford University, Graduate School of Business, California	01/2026 – 03/2026
Visiting Doctoral Student Université Toulouse Capitole, Toulouse School of Management, France	06/2024 – 08/2024
M.Sc. Management , University of Mannheim, Germany Major in Accounting, Finance, Operations Semester abroad: ESEADE Buenos Aires, Argentina (2019)	2018 – 2021
B.Sc. Business Administration , University of Mannheim Semester abroad: UQAM Montréal, Canada (2016)	2014 – 2017

RESEARCH INTERESTS

- Techno-economic assessments of climate technologies (e.g., carbon dioxide removal, electrolytic hydrogen)
- Carbon accounting and emission allocation
- Empirical analysis of policy instruments for decarbonization

PUBLICATIONS

Peer-Reviewed Articles

Glenk, G., **Holler, P.**, Reichelstein, S. (2023). *Advances in power-to-gas technologies: Cost and conversion efficiency*. Energy & Environmental Science, 16, 6058–6070.

Glenk, G., **Holler, P.***, Reichelstein, S. (2026). *How Carbon Accounting Rules Shape Incentives for Hydrogen Production*. Nature Communications.

WORKING PAPERS

Holler, P.*, Reichelstein, S. (2025). *The Economics of Emerging Carbon Dioxide Removal Technologies*.

Bach, A., Deryati, R., **Holler, P.**, Reichelstein, S. (2026) Optimal Energy Portfolios for Data Centers.

Holler, P.*, Merke, T. (2026) Dynamic Negative Emissions Portfolios under Paris-Aligned Removal Targets.

Holler, P.* (2026) A Comparative Rating Framework for Carbon Removal Credits.

PROFESSIONAL EXPERIENCE

Staff Researcher Mannheim Institute for Sustainable Energy Studies Participation in research projects, teaching, supervision and organizational activities.	2022–present
Co-Founder and CEO YAB GmbH Local sustainable consumption & discovery app, SaaS provider	2021 – 2025
Project Consultant – Indirect Procurement Hilti AG Digital service procurement and sustainable sourcing.	Sep – Dec 2020
Intern – Indirect Procurement Hilti AG Implementation of SAP Ariba as e-procurement tool, sourcing decisions.	Jun – Aug 2019
Intern – Transactions, Advisory	Jun – Aug 2016

PricewaterhouseCoopers
Bank valuation projects (peer groups, betas, cost of capital estimation).

TEACHING EXPERIENCE

MAN 771: Master Seminar on Corporate Decarbonization	2022 – 2026
ACC 770: Master Seminar on Corporate Carbon Accounting	2022 – 2023
ACC 570: ESG Regulation and Sustainability Reporting	2025, 2026
Supervision of Bachelor and Master Theses	2022 – 2026

CONFERENCES & WORKSHOPS

TRR 266 Annual Conference – Accounting for Transparency, Mannheim	2023
Mannheim Energy Conference	2023
Hydrogen Colloquium, Fellbach	2023
NHH Bergen Workshop: Corporate Sustainability	2024
IESE Munich: Workshop on Corporate Carbon Accounting, Munich	2024, 2025, 2026
Workshop: Advances in Climate Technologies, Mannheim	2024
Conference on Economics of Energy and Climate, Toulouse Capitole	2024
Accounting Research Camp on Transparency in Corporations and Markets, Obergurgl	2025
Workshop: Carbon Accounting Standards Initiative, Frankfurt	2025
MISES Symposia Presentations (quarterly)	2022 – 2025

SUMMER SCHOOLS

Energy Technology, Policy and Politics Summer School, ETH Zürich	2023
Climate Change AI	2023
H2type. Scientific Exploration of the Green Hydrogen Future, TU Dresden	2024

GRANTS & SCHOLARSHIPS

PhD Scholarship, GESS	2021 – 2022
IDEUM Scholarship for internationalization of doctoral education	2023
ENGAGE.EU Mobility Grant	2024
ENGAGE.EU Workshop Funding for Early Stage Researchers	2024
TRR Mobility Funding for PhD	2025

VOLUNTARY ACTIVITIES

Teaching, various sustainability projects (Peru, Chile, Bolivia, Argentina)	2018
Team Lead - Culture, VISUM e.V. Mannheim	2020
CFO, ESN VISUM Mannheim e.V.	2021 – 2022
Member of the Supervisory Board, ESN VISUM Mannheim e.V.	2022 – 2023
Kinderuni (Children's University Mannheim)	2024
(Co-)Reviewer for Nature Energy, Nature Communications, Energy & Environmental Science, Renewable and Sustainable Energy Reviews	

LANGUAGES

German (native), English (C2), French (C2), Spanish (C1)

TECHNICAL SKILLS & TOOLS

Software: MS Office; Python (analytics, ML, modeling, optimization); $\text{\LaTeX}$, Stata, R, MATLAB, Velocity Suite, SAM, GREET