

THOMAS WIEDENHOFER

thomas.wiedenhofer@wu.ac.at

Vienna University of Economics and Business

Welthandelsplatz 1, 1020 Vienna/Austria

EDUCATION

PhD In Economics, Vienna University of Economics and Business 2019 - 2024 (expected)

Thesis: Essays In Empirical Industrial Organization.

MSc Economics, Vienna University of Economics and Business 2017

REFERENCES

Professor Klaus Gugler
Dept. of Economics
Welthandelsplatz 1, D4, 2nd Floor
1020 Vienna, Austria
+43-1-31336-5444 (office)
klaus.gugler@wu.ac.at

Professor Philipp Schmidt-Dengler
Dept. of Economics
Oskar-Morgenstern-Platz 1, 5th Floor
1020 Vienna, Austria
+43-1-4277-37465 (office)
philipp.schmidt-dengler@univie.ac.at

Associate Professor Florian Szücs
Dept. of Economics
Welthandelsplatz 1, D4, 2nd Floor
1020 Vienna, Austria
+43-1-31336-5089 (office)
florian.szuecs@wu.ac.at

RESEARCH INTERESTS

Empirical Industrial Organization, Environmental Economics, Structural Econometrics

TEACHING/EXPERIENCE

Vienna University of Economics and Business Spring 2021 - Present
Undergraduate: Applied Microeconomics

RESEARCH EXPERIENCE AND OTHER EMPLOYMENT

Vienna University of Economics and Business 10/2019 - Present
RA at Research Institute For Regulatory Economics

Vienna University of Economics and Business 10/2018 - 03/2019
Research Associate

GRANTS

- 2019-2023: OeNB Anniversary Fund - Nr. 18470
Carbon Prices And Induced Innovation - (123,000 €)
with Klaus Gugler, Florian Szücs
- 2022: WU Projects
Can We Fool Them Forever? - Costs Of The European Emission Standard - (25,000 €)
with Klaus Gugler

WORK IN PROGRESS

- **The Costs Of The European Emission Standard** (*JMP*)
- **Can We Fool Them Forever? - The European Emission Standard Gets Binding**
with Klaus Gugler, Philipp Schmidt-Dengler
- **Environmental Regulation And Directed Technological Change**
with Klaus Gugler, Florian Szücs

This article evaluates if and to which extent policy can steer innovation towards eco-friendly technologies. We construct a cross-country dataset on sectoral green innovation and complement it with data on policies designed to address environmental market failures: environmental taxes, regulation, and R&D subsidies. While all of these tools exert a positive effect on green innovation, our IV estimates reveal substantial heterogeneities across policies. Overall, green innovation reacts most strongly to R&D subsidies for renewables, but interaction effects between different policies need to be considered.

PRESENTATIONS & SEMINARS

- 2023 EARIE (Vienna, Participant)
- 2022 EARIE (Rome, Participant)

SEMINAR PRESENTATIONS

- 2022 WU Economics Internal Research Seminar (WU Vienna)
- 2019 Economic round table (OeNB), Scientists for future (BOKU Vienna)

OTHER INFORMATIONS

- Languages** German (Native), English (Fluent), Italian (Basic)
- Programming** R , Matlab, Python, L^AT_EX, Stata, Mathematica, Julia, C++, PostgreSQL, MySQL, MsSQL
- Citizenship** Austria

OTHER EMPLOYMENTS

- Energy Exchange Austria AG (EXAA)** August 2019 - Present
Data Scientist Vienna, AT
- Austrian Central Bank (OeNB)** March 2019 - July 2019
Research Internship Vienna, AT

ADDITIONAL TRAININGS

- Barcelona School of Economics (Summer School 2021): *Dynamic Structural Models for Policy Evaluation* (Joan Llull)
- TU Vienna (2020/21): *Machine Learning* (Musliu Nysret, Mayer Rudolf - Master Data Science)
- Mathematics and Statistics: *Computational Statistics, Functional Analysis, Statistical Learning*

Last updated: October 30, 2023