

## CURRICULUM VITAE

**MAXIMILIANE HANNAH SIEVERT**

### CONTACT INFORMATION

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### PROFESSIONAL EXPERIENCE

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2021 – present RWI, Co-Head Department “Climate Change and Development”  
2013 – present ecol – Evaluating Development Cologne, Partner  
2020 – present Member of Steering Committee, Sustainable Energy Transitions Initiative, Duke University  
2016 – present Research Fellow, Environment for Development, University of Gothenburg  
2016 – present Research Fellow, Sustainable Energy Transitions Initiative, Duke University  
2017 – 2020 RWI, Deputy Head, Research Group “Climate Change in Developing Countries”  
2010 – 2017 RWI, Researcher, Research Division “Environment and Resources”  
2009 – 2010 ecoprogram GmbH, Junior Consultant, consultancy specialised in environmental and energy markets  
2008 Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ), Sunyani/Ghana, Intern, Baseline and impact survey for an electrification intervention (productive energy use)  
2006 – 2007 AHK Chile, German-Chilean Chamber of Industry & Commerce, Santiago de Chile, Intern, Division: Environment  
2006 Goethe-Institut Salvador, Bahía/Brazil, Intern  
2005 InWEnt gGmbH, Cologne/Germany, Intern, Dept. “Sustainable Technologies, Industrial and Urban Development”

### EDUCATION

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2015 Dr. rer. oec (PhD Economics), Ruhr-Universität Bochum;  
Supervisor: Prof. Dr. Christoph M. Schmidt; Co-supervisor: Prof. Dr. Michael Grimm;  
Doctoral thesis: “Rural Electrification and Poverty Reduction. Empirical Insights from Sub-Saharan Africa” (summa cum laude)  
2003 – 2009 Studies in “Regional Studies of Latin America“;  
interdisciplinary study on Economics, Romance Philology and History at University of Cologne, Germany (Diplom-Reg. Wiss.);  
Thesis: “Productive Energy Use in Micro-Enterprises. Evidence from Ghana”, Prof. Dr. Marc Oliver Bettzüge

2006 Studies in Economics and History at Pontificia Universidad Católica de Chile, Santiago de Chile

## IN-COUNTRY WORK EXPERIENCE

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Brazil, Burkina Faso, Chile, Colombia, Ghana, Germany, Indonesia, Mexico, Netherlands, Peru, Rwanda, Senegal, Tanzania, Uganda

## GRANTS

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2023-2025 Leibniz Competition, research grant. 999,990 EUR, PI.  
2021-2023 J-PAL's King Climate Action Initiative (K-CAI) , research grant. 74,000 USD, Co-PI.  
2020-2023 International Growth Center (IGC), research grant. 12,000 EUR, Co-PI.  
2017-2022 BMBF (Federal Ministry of Research, Germany), research grant, 350,000 EUR, Co-PI.  
2017-2021 Energy and Economic Growth (EEG) Applied Research Programme, research grant 110,000 GBP, Co-PI  
2016-2020 International Initiative for Impact Evaluation, research grant, 450,000 USD, Co-PI  
2012-2019 Netherlands Enterprise Agency (RVO), research grant 450,000 EUR, Co-PI  
2013-2017 FMO- Netherlands Development Finance Company, research grant 490,000 EUR, Co-PI

## IMPLEMENTATION PARTNERS, POLICY INTERACTION AND CONSULTANCY

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World Bank, World Health Organization, Netherlands Enterprise Agency (RVO), Netherlands Development Bank (FMO), Netherlands Ministry of Foreign Affairs, German International Cooperation (GIZ), Kreditanstalt für Wiederaufbau (KfW), UKAid, MasterCard Foundation, CARE Canada, Habitat International, Government of Senegal, Government of Rwanda, International Initiative for Impact Evaluation (3ie) .

## PUBLICATIONS

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### Articles in refereed Journals

Jeuland, M., L. Lenz, E. Sills, M. Sievert, M. Serrano-Medrano, R. Ruhinduka, P. Qin, J. Peters und M. Naranjo (2021), Is Energy the Golden Thread? A Systematic Review of the Impacts of Modern and Traditional Energy Use in Low- and Middle-Income Countries. *Renewable and Sustainable Energy Reviews* 135: 110406.

Sievert, M. und J. Steinbuks (2020), Willingness to Pay for Electricity Access in Extreme Poverty: Evidence from Sub-Saharan Africa. *World Development* 128 (104859).

Grimm, M., L. Lenz, J. Peters und M. Sievert (2020), Demand for Off-Grid Solar Electricity – Experimental Evidence from Rwanda. *Journal of the Association of Environmental and Resource Economists* 7 (3): 417-454.

Peters, J., M. Sievert und M. Toman (2019), Rural Electrification through Mini-Grids: Challenges ahead. *Energy Policy* 132 : 27-31.

Lenz, L., L. Montenbruck, M. Sievert (2018), Accidents Caused by Kerosene Lamps – New Evidence from African Household Data. *WIREs Energy and Environment* 7 (4): e293.

Bensch, G., J. Peters, M. Sievert (2017), The Lighting Transition in rural Africa – From Kerosene to battery powered LED and the Emerging Disposal Problem. *Energy for Sustainable Development* 39: 13-20.

Lenz, L., A. Munyehirwe, J. Peters, M. Sievert (2017), Does Large Scale Infrastructure Investment Alleviate Poverty? Impacts of Rwanda's Electricity Access Roll-Out Program. *World Development* 89: 88-110.

Grimm, M., A. Munyehirwe, J. Peters, M. Sievert (2017), A First Step up the Energy Ladder? Low Cost Solar Kits and Household's Welfare in Rural Rwanda. *World Bank Economic Review* 31 (3): 631-649.

Peters, J., M. Sievert (2016), Impacts of Rural Electrification Revisited – The African Context. *Journal of Development Effectiveness* 8 (3): 327-45.

Peters, J., A. Schoofs, M. Sievert (2016), Preferences over Bank and Family Loans in Rural Rwanda. *Journal of International Development* 28 (4): 623-630.

Peters, J., M. Sievert, C. Strupat (2015), Impacts of a Micro-Enterprise Clustering Program on Firm Performance in Ghana. *European Journal of Development Research* 27: 99-121.

Bensch, G., J. Peters, M. Sievert (2013), Fear of the Dark? How access to electric lighting changes attitude and behavior in rural Senegal. *Journal of Rural and Community Development* 8 (1): 1-19.

Peters, J., M. Sievert, C. Vance (2011), Impacts of Electricity Usage on Micro-enterprises in peri-urban Ghana. *Journal of Social and Economic Policy* 8 (1): 55-70.

### **Recent Discussion Papers & Work in Progress**

Munyehirwe, A., Peters, J., Sievert, M., Bulte, E., Fiala, N. (2022), Energy Efficiency and Local Rebound Effects: Theory and Experimental Evidence from Rwanda. *Ruhr Economic Papers* #934. RWI.

Sievert, M. (2015), Rural Electrification and Domestic Violence in Sub-Saharan Africa. *Ruhr Economic Papers* #570. RWI.

### **Blog posts**

Peters, J. and M. Sievert (2020), Grid or solar: looking for the best energy solution for the rural poor, *The Conversation*.

Peters, J. and M. Sievert (2018), How electricity changes lives: a Rwandan case study, *The Conversation*.

### **Contributions to collected volumes**

Marz, W., J. Steckel, S. Ayhan, C. Gavard, O. Schenker, M. Sievert, U. Will, M. Winkler (2022). Capital Markets, Institutions and Distributional Effects: Towards Ambitious Climate Policy in Low- and Middle-Income Countries. *Dialog zur Klimaökonomie*.

Peters, J. and M. Sievert (2015), The Provision of Electricity to Rural Communities through Micro-Hydro Power in Rural Indonesia. *RWI Materialien* 88.

Peters, J., M. Sievert and C. Vance (2013), Firm Performance and Electricity Usage in Small Manufacturing and Service Firms in Ghana. In: Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH (ed.), *Productive Use of Energy – PRODUSE - Measuring Impacts of Electrification on Small and Micro-Enterprises in SSA*. Eschborn: GIZ. 75-94

## **CONFERENCE AND SEMINAR PRESENTATIONS**

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### **Refereed Conferences**

- 2021 Annual Meeting of the Sustainable Energy Transition (SETI), virtual.
- 2020 25<sup>th</sup> Annual Conference of the European Association of Environmental and Resource Economists (EAERE), virtual.  
SETI X Women in Environmental Economics for Development Virtual Workshop.
- 2019 Poverty Reduction, Equity and Growth Network (PEGNet) Conference 2019, Bonn/ Germany  
24<sup>th</sup> Annual Conference of the European Association of Environmental and Resource Economists, Manchester/ UK.
- 2017 6<sup>th</sup> Lindau Nobel Laureate Meeting on Economic Sciences, Lindau/ Germany  
Sustainable Energy Transition Initiative SETI Annual Meeting, Duke University/ USA  
Centre for the Study of African Economies CSAE 2017, Oxford/ UK

- 2016 Environment for Development - 10th Annual meeting, Pucón/ Chile.
- 2015 Annual International Conference of the Research Group on Development Economics (VfS), Kiel/ Germany  
Centre for the Study of African Economies CSAE 2015, Oxford/ UK
- 2014 37<sup>th</sup> IAEE International Conference, New York/ USA
- 2013 Poverty Reduction, Equity and Growth Network (PEGNet) Conference 2013, Kopenhagen/ Denmark.  
International Association of Energy Economists 2013, Düsseldorf/ Germany.
- 2012 19<sup>th</sup> Annual Conference of the European Association of Environmental and Resource Economics, Prague/ Czech Republic.  
12<sup>th</sup> Workshop of the Student Chapter of the German Section of the International Association for Energy Economics (GEE/IAEE), Düsseldorf/ Germany.
- 2011 9th Development Dialogue at International Institute of Social Studies, Erasmus University Rotterdam/ The Netherlands.

## REFEREEING

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Bundesministerium für Bildung und Forschung (BMBF), Energy Economics, Energy Policy, Energy Research & Social Science, Environment and Development Economics, European Research Council, The Energy Journal, World Development

## AWARDS

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Best Paper award; Green Growth Knowledge Platform (GGKP) in Washington, DC (2017); RWI – Promotionspreis (2016); PEGNet Best Practice Award 2015 (award for effective interaction between research and practice); USAEE/IAEE 2014 Working Paper Best Paper Award; Theodor-Wessels-Preis für herausragende wissenschaftliche Arbeiten zu Themen aus den Bereichen Energiewirtschaft/ Energiepolitik. (2010)

## LANGUAGE PROFICIENCY

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German	Native language
English	Fluent
Spanish	Fluent
French	Fluent
Portuguese	Intermediate