

# Beatriz Couto Ribeiro, PhD

1401 Columbia Rd NW, Washington DC, 20009

(+1) 202-330-7392 | [bcoutoribeiro@worldbank.org](mailto:bcoutoribeiro@worldbank.org) | [Website](#)

Date of Birth: 05/13/1991 | Citizenship: Brazilian

## KEY COMPETENCES AND EXPERTISE

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- Economist with 5 years of experience in assessing regulation of electricity, gas & water utilities.
- Experience in multilateral development bank documents, and dialogue with country counterparts.
- Skilled in conducting quantitative research and impact evaluations using quasi-experimental methods as well as qualitative methods with survey data, and secondary databases.

## EDUCATION

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**Technical University of Berlin & University of Campinas** Germany & Brazil  
*PhD in Economics (Double Degree)* 2018 - 2023

- Dissertation Title: The use of regulatory tools to foster innovation in energy sectors
- Dissertation Committee: Prof. Dr. Michael Pollitt, Prof. Dr. Christian von Hirschhausen, Prof. Dr. André Tosi Furtado, Prof. Dr. Knut Blind and Prof. Dr. Adriana Bin
- Visting Scholar at Copenhagen School of Energy Infrastructure (CSEI) - Copenhagen Business School (Prof. Dr. Tooraj Jamasb)

**University of Campinas** Limeira, Brazil  
*Master in Human and Social Applied Sciences* 2016 - 2017

- Thesis Title: Technology and innovation in basic sanitation: an analysis of the water & sanitation state companies of Brazil

**University of Campinas** Limeira, Brazil  
*Bachelor in Business Administration and Public Policy* 2009 - 2015

- Dissertation Title: Different service management models in water & sanitation: a case study of public and private models in the State of Sao Paulo
- $\phi = 8.15/10$  (Top 5%)
- Bachelor Exchange Program at University of Jaén, Spain

## WORK EXPERIENCE

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**Consultant** 10/2023 –  
*World Bank Group* Washington DC, USA

Supervisor: Cornelius Fleischhacker

- Technical support to the Task Team in a Development Policy Operations for the State of Sergipe (Brazil) with raw water charges, water and sanitation concession, and renewable energy. Prior Action writing, preparation of WBG documents, indicators identification, capital mobilization, climate and gender assessment. Engagement with government counterparts

**Postdoctoral Fellow** 5/2023 – 8/2023  
*Research Institute for Sustainability (RIFS) - Helmholtz Centre* Potsdam, Germany

Supervisor: Prof. Dr. Rainer Quitzow

- Research of hydrogen policies and projects in Latin American countries, hydrogen value chain and trade data analysis using Economic Complexity

## Consultant

LabGEOPI

10/2018 – 2/2023

Campinas, Brasil

Supervisor: Prof. Dr. Adriana Bin

- 3-year evaluation project of the R&D activities with survey data of energy utility CEMIG, largest energy trader in Brazil, and 5-year evaluation project of research funding using a quasi-experiment design on Brazilian researchers with survey data
- Tasks: Report writing, literature review, questionnaire development, data management, collection & analysis, interviews with stakeholders

## SELECTED PUBLICATIONS

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**RIBEIRO, B. C.**, FERRERO, L. G. P.; BIN, A.; BLIND, K. 2023. *Effects of Innovation Stimuli Regulation in the Electricity Sector*. Energy Economics, v. 188, 106352 (link)

**RIBEIRO, B. C.**, BIN, A. SERAFIM; P. M. 2023. *Public and Private Initiatives to Stimulate Research and Innovation in Brazilian Sanitation*. Revista DAE, v. 71, n. 240, p. 171-185 (link)

**RIBEIRO, B. C.**, BIN, A. SERAFIM; P. M. 2022. *Innovation Dynamics of the State Basic Sanitation Companies*. Engenharia Sanitaria e Ambiental, V. 27, P. 305-314, (link)

**RIBEIRO, B. C.**; BIN, A. 2021. *Environmental Regulation as a R&D Inductor: Study of Electricity and Piped Gas Sector in Brazil*. Revista Tecnologia e Sociedade, V. 17, P. 202-218 (link)

## WORKING PAPERS AND ONGOING RESEARCH

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*Innovation by Regulation: Smart Electricity Grids in the UK and Italy* with Tooraj Jamasb (link)  
*Economic Complexity of the Hydrogen Value Chain in Latin America*

## SCHOLARSHIPS (SELECTED) AND SKILLS

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### SCHOLARSHIPS

- Bi-Nationally Supervised Doctoral Degrees/Cotutelle, DAAD - German Academic Exchange Service (2020-2022)
- CAPES - Brazilian Federal Agency for Support and Evaluation of Graduate Education (2018-2020)
- Master's Degree Grant, FUNCAMP - UNICAMP Development Foundation (2016-2017)

### TECHNICAL SKILLS

- Programming: R, Latex
- Network analysis: Gephi
- Platforms: Microsoft Office, Google Drive

### LANGUAGES

Portuguese	English	Spanish	German
Native	Fluent	Advanced	Intermediate

## REFERENCES

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Name	Employer	Phone	Email
Cornelius Fleischhacker	World Bank Group	+1 202 361-7730	cfleischhacker@worldbank.org
Prof. Dr. Adriana Bin	University of Campinas	+55 19 370-16673	adribin@unicamp.br
Prof. Dr. Knut Blind	Technical University of Berlin	+49 30 314-76638	knut.blind@tu-berlin.de