

## Wikus Kruger

**Family name:** Kruger

**First names:** Johannes Lodewikus (Wikus)

**Date of birth:** 3 February 1984

**Nationality:** South African

Wikus Kruger is a Junior Research Fellow in the Management Programme in Infrastructure Reform and Regulation, based at the Graduate School of Business at the University of Cape Town. His research focuses on the successful implementation of utility-scale renewable energy procurement in Sub-Saharan Africa, primarily through auction-based mechanisms. Wikus has been involved in the African energy sector since 2007 at international, regional and local level, through various professional activities, including consulting, applied research, policy development and analysis, project design and management, monitoring and evaluation as well as business development.

### Professional experience

Date	Employer	Position	Description
2016 – current	Graduate School of Business, University of Cape Town	Junior Research Fellow	Applied research on renewable energy investment in Africa; teaching, supervision, project management
2015 – 2016	Energy Research Centre, University of Cape Town	Research Officer	Research on decentralised energy access and business models; teaching, supervision, project management
2007 – 2011; 2013 – 2014	Restio Energy Consulting	Senior Consultant	Consulting on decentralised energy access in Africa; technical assistance; project management
Jul 2012- Jan 2013	EU Energy Initiative Partnership Dialogue Facility	Intern/Energy Advisor	Technical assistance and project management on energy in Africa
Dec 2006 Mar 2007	Centre for Scientific and Industrial Research (CSIR)	Socio-technical Impact Analyst	Socio-technical impact analysis of rural mini-grid in South Africa

### Education:

Institution	Degree(s) or Diploma(s) obtained:
University of Cape Town, Graduate School of Business	PhD Candidate Topic: Renewable energy auctions in sub-Saharan Africa
University of Antwerp, Institute for Development Policy and Management (2011-2013)	MSc Development Evaluation & Management ( <i>Cum Laude</i> ) Topic: An African donor: towards understanding South African aid allocation
Stellenbosch University, Sustainability Institute (2007 – 2008)	MPhil Sustainable Development Planning & Management ( <i>Cum Laude</i> ) Topic: Decision-making for rural renewable energy provision in South Africa
Stellenbosch University, Sustainability Institute (2006 – 2007)	BPhil Sustainable Development Planning & Management ( <i>Cum Laude</i> )
Stellenbosch University (2003 – 2005)	BA Value & Policy Studies, Economics, Political Science

### **Selected Publications & Dissemination Activities**

2017. *Renewable Energy Auctions in Sub-Saharan Africa: Lessons learned and design recommendations*. Winder Energy Tender Design Workshop, Addis Ababa. Danish Energy Agency. 5 October 2017.

2017. *Understanding Power Project Procurement - Handbook*. Power Africa, ALSF, CLDP.

2017. *Support policies and auctions for grid-connected renewable energy: recent trends in Africa*. Innovate4Climate conference, Barcelona. 23 May 2017

2017. (with Tait, L. & De Groot, J, in Arent et al.). Chapter 25: The Political Economy of Household Thermal Energy Choices in Developing Countries. *The Political Economy of Clean Energy Transitions*. Oxford University Press.

2017. (with Tait, L. & Mahomed, S.) Chapter: Building Energy Efficiency in City of Cape Town Operations: The Role for the Energy Intermediary. *Development and Climate Change: Lessons from Cape Town*. UCT Press.

2016. (with Eberhard, A.) *Renewable Energy Auctions in Sub-Saharan Africa: Review, Lessons Learned and Recommendations*. Project Report: GSB/IRENA.

2016. Renewable Energy Auctions in Sub-Saharan Africa: Lessons Learned and Recommendations. *Presentation as part of High Level Seminar on Renewable Energy Auctions: Sharing the Lessons from Sub-Saharan Africa*. GSB/IRENA. 24 November 2016.

2016/7. Renewable Energy Support Systems and Auctions: Reflecting on Global and African Experience. *Presentation as part of Power Sector Reform and Regulation Executive Education Course, Graduate School of Business, UCT*. October 2016/7.

2016. (with Tait, L. & De Groot, J). The Political Economy of Clean Energy Transitions and Thermal Energy Poverty: Comparing the Residential LPG Sectors in Indonesia and South Africa. UNU WIDER Working Paper 2016/72

2016. (with Aitken, R.) Review of the Capital Access for Renewable Energy Enterprises (CARE2) Programme. GVEP International/SIDA.

2015. (with Aitken, R. & Thorne, J.). Sustainability of Decentralised Renewable Energy Systems. Strategic Climate Policy Fund/DFID.

2015. (with Tait, L.) Implementation of the Municipal Energy Efficiency and Demand Side Management Programme in South Africa. MAPS Research Paper: Issue 33.

2015. Presentation at IOB (University of Antwerp) conference – Development 2.0. *Private sector innovation for energy access in Africa*. 25 June 2015.

2015. (with Pailman, W. & Prasad, G.) *Mobile Payment Innovation for Sustainable Energy Access*. Domestic Use of Energy conference, CPUT, 31 Mar 2015.

2014. Panellist at the Energy & Environment Partnership for Southern & East Africa Knowledge Exchange, Johannesburg, South Africa.

2014. Panellist at special SE4All Session at the 2014 Africa Energy Indaba, Johannesburg, South Africa.

2014. *Bridging the Gap: Experiences with delivering renewable & efficient energy technologies to low-income communities in South Africa*. Domestic Use of Energy Conference, Cape Peninsula University of Technology, Cape Town.

2013. (with Aitken, R.F). From Artisans to Entrepreneurs: Understanding the Role of Small Business for Energy Access. (*Boiling Point 64*)

2009. (with Brent, A.C.) Systems Analyses and the Sustainable Transfer of Renewable Energy Technologies: A focus on remote Africa. *Renewable Energy*: 34(7), pp. 1774 - 1781.