



Rissa Niyobuhungiro
PhD 2018

Cleaner Production Approach to Roadside Catering in Urban Africa

My PhD research focused on how the applicability of a cleaner production approach using biogas technology and efficient wood stoves can be used in order to improve the life of informal food vendors (Nyanga) and ensure their sustainable development both economically and environmentally.

Rissa qualified with a BSc in chemistry at the University of Rwanda in 2008 before enrolling and completing her MSc in the Chemical Engineering department at UCT in 2012. Since then she has been involved in her PhD which she completed successfully and has recently graduate.

Her Masters research studied the availability of chromate copper arsenate (CCA) treated wood in the informal food vendors' stocks.

Her plans now are to continue deepening her understanding through research in order to play her part in the sustainable development for the poor. She is currently working on two possible project proposals for postdoc in the green chemistry one on the removal of arsenic from wastewater and replacement of arsenic in the wood preservatives.