

Monitoring Fuel Savings to Generate Voluntary Carbon Offsets from Household Energy Projects; Implementing the Kitchen Performance Test in Kampala, Uganda, as a Case Study

There is a considerable field of research focused on the health benefits of improved household energy for the world's poor. Additionally, it is understood that many household energy projects can also offer significant co-benefits by reducing fuel consumption and consequent greenhouse gas emissions. In the Voluntary Carbon Market, carbon finance can now be attained based on the greenhouse gas emissions reductions, or, 'carbon offsets', generated from an improved stove programs. With carbon finance, many household energy projects are becoming very cost effective options both for improving health and mitigating climate change. Many monitoring activities are required to verify high quality carbon offsets, and comprehensive methodologies are still being developed for household energy projects. This discussion focuses on the Kitchen Performance Test, a field-based tool for assessing fuel savings, as it has been implemented to generate carbon finance in a case-study improved stove program in Kampala, Uganda.

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