


## Uganda Efficient Wood Cook Stoves

<p><b>Location</b></p>	<p>Kampala, the capital of Uganda and subsequently throughout the country.</p> 
<p><b>Partner</b></p>	<p>We're working with both the Centre for Entrepreneurship in International Health and Development (CEIHD) and Uganda Stoves Manufacturers Ltd to run this project.</p>
<p><b>Overview</b></p>	<p>This project involves the dissemination of efficient wood cook stoves to institutions and families in and around Kampala, Uganda.</p>
<p><b>Setting the scene</b></p>	<p>More than 95% of Ugandans rely on fuel wood for cooking, typically charcoal or wood for urban dwellers and wood for rural households. The current stoves used for cooking have low efficiencies, increasing the amount of fuel wood needed to prepare a meal. Greenhouse gas emissions are released into the atmosphere during fuel wood burning, as well as the release of particulates during cooking leading to indoor air pollution. UN studies show that worldwide indoor air pollution from cooking stoves causes around 1.5 million premature deaths each year and also causes debilitating illness for tens of millions more.</p>

<b>Project description</b>	<p>The Uganda Stoves Project supplies efficient wood burning stoves to families and institutions in Kampala, the capital of Uganda, and subsequently through out the country.</p> <p>The stoves use the well-proven rocket technology, which consists of an insulated elbow-jointed combustion chamber that increases combustion efficiency and retains heat while raising the cooking pot to the hottest point above the flame. The rocket stove further increases heat transfer by having the cooking pot rest within a skirt.</p>
<b>Baseline</b>	<p>Non renewable biomass – i.e. wood that is being cut down faster than it is being re-grown.</p>
<b>Additionality</b>	<p>Without the carbon funds, the new stove is too expensive for most families and institutions. The traditional and cheaper stoves found within the market have much lower efficiencies.</p> <p>The aim of the project is to reduce the stove price to an affordable level, to promote it for widespread dissemination and to improve the technology through continuous research and development.</p>
<b>Emissions savings</b>	<p>Field tests in 2006 showed that fuel-saving wood rocket stoves reduce consumption by more than 50% of the fuel used previously.</p>
<b>Standard</b>	<p>Voluntary Gold Standard</p>
<b>Validation &amp; verification</b>	<p>This project has applicant status with the Gold Standard and is awaiting validation and registration.</p>
<b>Current Status</b>	<p>Pilot stoves have been installed and field surveys and Kitchen tests have been carried out. Production systems have been established</p>
<b>Social, economic, environmental benefits</b>	<p>Social: Reduced expenditure on fuels is a significant benefit to low-income families and schools, as is reduction in indoor air pollution.</p> <p>Economic: Builds business and technological capacity in the country</p> <p>Environmental: Reduction of deforestation and green house gas emissions.</p>