



MEGAGAS

**Community Kitchens
Powered by
Renewable Energy**

www.megagasalternativeenergy.co.ke

- The Mega Gas Community Kitchen Model is an innovative approach to distributing and utilizing clean cooking gas within communities.
- Our model is designed to provide low-income households access to affordable and environmentally friendly cooking solutions. This model establishes a central community kitchen to serve multiple households. Instead of each household individually acquiring and managing their gas supply, the community shares access to a centralized cooking facility
- The community kitchen has modern and efficient cooking appliances powered by Mega Gas's clean cooking gas. Our clean cooking gas is made from recycled plastic waste of thermal cracking process. We aggregate and collect plastic waste from households and landfills then convert it into a clean cooking gas through a patented thermal cracking process and resell it back to the community using a distribution network of women entrepreneurs.
- Our customers access our clean cooking gas primarily through our community kitchens powered by renewable energy, where they pay \$0.02 to cook for one hour

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Globally, we produce about 300 million tons of plastic waste each year

THE PROBLEM



4.2 million people die annually from indoor pollution due to lack of clean and affordable cooking energy

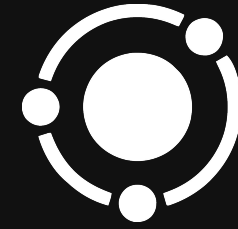


Africa generates 16 million tons of plastic waste annually, with Nairobi producing 2,400 tons daily

THE SOLUTION



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A centralized community kitchen, powered by the clean cooking gas, that serves multiple households and small businesses through shared access.



Customers access clean cooking gas through our community kitchens through a 'Pay-as-you-Use' service.



A patented Thermal cracking technological process certified by the National Environment Management Authority (**NEMA**) and the Kenya Bureau Of Standards (**KEBS**).

**PRODUCTION
PROCESS**

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MEGAGAS TARGET CUSTOMERS

- Main Target users: Women primarily aged 18-40. Mostly stay-at-home mums. Most of them are beginning new businesses such as roadside kiosks.
- Reside in low-income areas
- Work in the informal sector (e.g., small grocery kiosks)
- Earning between \$1-\$3 daily
- Average household occupancy:



MEGAGAS BUSINESS MODEL

**Community Kitchens:
Pay-as-you-use service at \$0.20
per hour to cook own meal.**





OUR VALUE PROPOSITION



50% cheaper

Cooking gas lasts longer –25%



Higher calorific value



**Affordable gas through
community kitchens**



**Completely closing the plastic
waste loop**

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