

PETER NJERI

Megagas Alternative Energy

2025 Global Fellow



BIG BOLD IDEA

Increase access to renewable energy for low-income communities in Africa by delivering clean and affordable cooking gas through community kitchens.

ORGANIZATION OVERVIEW

Mega Gas Alternative Energy envisions ending energy poverty in Africa. It provides clean, affordable cooking energy to low-income households through community kitchens powered by renewable energy. Mega Gas uses two distinct patented waste-to-clean cooking gas technologies. One technology converts plastic waste and the other converts food waste into reliable clean energy. Community kitchens enable families and micro-entrepreneurs to cook for just \$0.20 per hour and eliminates reliance on harmful biomass fuels. Through partnerships with women-led groups and digital tools such as the Mega Gas Wallet and PAYGO system, it accelerates community adoption of these new technologies.

PERSONAL BIO

Peter Mwangi Njeri is the founder and CEO of Mega Gas Alternative Energy. He is committed to scaling sustainable energy solutions across Africa. Born and raised in Soweto, one of Nairobi's largest informal settlements, Peter witnessed firsthand the devastating effects of indoor air pollution and energy poverty. Driven to create change, he founded Mega Gas. Peter's work addresses both plastic pollution and food waste while creating jobs and promoting financial inclusion, particularly for women and youth. In recognition of his leadership, Peter is a Royal Academy of Engineering Fellow, a Microsoft #Insider4Good Fellow, and a United Nations WFP Innovator Fellow. He is a recipient of the Waislitz Global Citizen Award and the World Sustainability Award. Peter holds a diploma in leadership from Cambridge University and a bachelor's degree in marketing from Kenyatta University.

Organization/Fellow Location

Nairobi, Kenya

Impact Location

Kenya

Organization Structure

Hybrid