



Nigeria's Silent Energy Crisis

Traditional cooking methods are a health risk, they cause deforestation and climate change, and they are unnecessarily expensive to some of the Nigeria's poorest people.

90 million Nigerians, and almost all public institutions, cook with wood on the traditional "three-stone fire".

The Challenge

Deadly smoke - Cooking smoke causes over 95,000 deaths, mostly women and children in Nigeria annually. For those who survive the smoke there are serious health problems. For children born to women who are exposed during pregnancy the risks are low birth weight, impaired mental abilities and birth defects. Nigeria experiences the highest number of smoke-related deaths in Africa; after Malaria and HIV/AIDS it is the biggest killer.

Poverty - 102million Nigerians live in poverty, a ¼ of Africa's extreme poor. The traditional cooking method is expensive, burning up to 90% more wood than is necessary and costing poor families money that could be put to better use on education, health and nutrition.

Climate Crisis – In Nigeria deforestation is happening at an alarming rate; the use of wood as fuel is a major cause. Carbon Dioxide emissions from millions of cooking fires are contributing to greenhouse gases. Desertification, caused in part by deforestation, is contributing to poverty by forcing groups from ancestral lands in search of fertile pastures. This movement of people has resulted in violent ethnic disputes.

The Solution - The Nigerian Alliance for Clean Cookstoves

Clean cookstoves save lives, money and our forests. *So why doesn't everyone have one?*

A market failure - Despite the many benefits of clean cookstoves the market to supply them is undeveloped. This stems from both policy and market failures: a lack of education about the benefits of clean cookstoves, weak government policies, poor stove quality and insufficient access to finance.

The Plan

The Nigerian Alliance for Clean Cookstoves will build a public-private partnership to introduce 10 million fuel-efficient stoves to Nigerian homes and institutions by 2020.

Here's how....

1. **Policy:** Work with the Federal Government of Nigeria to develop policies to support the clean cookstove market.
2. **Quality Certification:** Work with research centres, stove companies and the Standard Organisation of Nigeria to ensure that only high quality clean stoves are certified for the Nigerian market.
3. **Financing:** Structure finance models so that Nigerians can afford to buy a clean cookstoves: microfinance; carbon finance; and corporate social responsibility finance.
4. **Advocacy:** Communicate the value of fuel-efficient stoves at the grassroot. The alliance will work with the international clean cookstove community to take Nigeria's lessons worldwide.
5. **Pilot Projects:** Use the power of examples by completing successful demonstration projects that provide tangible benefits to Nigeria's poor and share lessons learned.

Alliance Partners

Alliance membership is open to organisations with at least one of the following resources: a) influence on policy, b) financing capacity and c) knowledge resources.

These organisations have joined the Alliance: Federal Ministry of Health, Federal Ministry of Environment, Federal Ministry of Women Affairs, Energy Commission of Nigeria, Shell Petroleum Development Company Ltd., Oando Plc, USAID, GIZ-Nigeria, Bank of Industry, First City Monument Bank and International Centre for Energy, Environment & Development.