Global Alliance for Clean Cookstoves is Addressing the Lack of Energy Access with a Market-Based Approach

PROBLEM

Every day,

3 BILLION
PEOPLE
(500 million households)
rely on solid fuels to
power their rudimentary
stoves





- Wasted productivity
- Climate, forestry & other environmental degradation
- Up to 25% of global black carbon emissions
- Health & economic burdens that disproportionately impact women & girls
- HAP is the 4th greatest health risk for death in the world
- HAP is the **leading risk factor** for NCDs for women in the developing world

developing world

300,000 deaths from burn



- SAVE LIVES
- IMPROVE LIVELIHOODS
- EMPOWER WOMEN
- PROTECT THE ENVIRONMENT



GOAL



100
MILLION
HOUSEHOLDS
ADOPT CLEAN AND
EFFICIENT
COOKSTOVES &
FUELS BY 2020





Strong Network of Partners in Africa

200+ Over 270 **NGOs** enterprises 15 19 Regional **National** Testing & Government Knowledge **Partners** Centers 50 7 Local Research Alliances **Institutions**







ECOWAS CENTRE FOR RENEWABLE ENERGY AND ENERGY EFFICIENCY





World Health Organization















Burkina Faso

Central African Republic

Côte d'Ivoire

Democratic

Republic of the

Congo

Ethiopia

Ghana

Kenya

Lesotho

Liberia

Malawi

Niger

Nigeria

Rwanda

South Africa

Sudan

Tanzania

Togo

Uganda

Zimbabwe

The Alliance has produced many high-impact results...



In this 5-year time frame, we have gone from...

19 to 1,400 Partners

1m to 49m in households reached with Clean & Efficient Stoves & Fuels



Alliance's Three-Phased Approach to Reaching Our Goals



Launch global and in-country efforts to rapidly grow the sector

(Bangladesh, China, Ghana, Guatemala, India, Kenya, Nigeria, Uganda) Drive investments, innovation, and operations to scale

Establish a thriving and sustainable global market for clean cookstoves and fuels



Alliance Market-Based Approach is Built on Three Core Strategies

Strengthen Supply

Innovation
Capacity Building
Financing
Inclusive Value Chain



Enhance Demand

Awareness

Accessibility



Affordability

Enable Markets

Standards & Testing

Research

Advocacy & Policy



The Alliance Model is Unique, Scalable, and Replicable







Traditional NGO model



Market-Driven Model



Beneficiaries



Consumers and Users



Grants



Investment with Financial/Social Return



Give to the poor



Co-Create and Engage with the Poor



Alliance's Learnings on the Critical Characteristics of an Effective Intermediary/Hub

- Effectively champion the issue at the global level, while ensuring ownership, sustainability, and stronger engagement at the local level.
- Reduce duplication and promote active learning, stronger coordination, and deeper partnerships across the sector.
- Minimize transaction costs and achieve the greatest impact to ensure high returns on investment.
- Carefully blending of finance to achieve the greatest impact for the sector.
- Ensure rapid translation of innovation in fuels, technology, research, and standards to the manufacturing and distribution of better quality products that will be accessible and affordable for those who need them most.
- Leverage other donor funds for a multiplier effect that will further spur market development.



Contacts:

Global Alliance for Clean Cookstoves
www.cleancookstoves.org
partnerships@cleancookstoves.org

