



# **Developments in the Global Cookstove Arena**

**East African Cookstove Colloquium**

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New developments in the global improved cookstove arena

## Cooking Energy is higher on the political agenda

- The “energy access” debate has included cooking energy (“Energy is not only electricity !!!)
- 2012: UN year of “Energy Access for all”
- 2010: Launch of the Global Alliance for Clean Cookstoves

[www.cleancookstoves.org](http://www.cleancookstoves.org)



Launch of Global Alliance of Clean Cookstoves



New developments in the global improved cookstove arena  
**New financial opportunities and new investors**

- **Climate change needs resulted in new funding mechanism (carbon funding) and investments in cookstove deployment**
  
- **Industrial products are coming on the market**

**JiikoPoa Production in Kenya**



**EnviroFit/Shell Foundation wood stove**



New developments in the global improved cookstove arena

## Development of International Standards for cooking

### ■ WHO

- WHO Air Quality Guidelines (AQGs) will include norms for household fuel combustion



### ■ Global Alliance on Clean Cookstoves

- Development of International Accepted Standards



Injera Baking in Ethiopia – traditional and improved



## Introduction to

### Mission

To save lives, improve livelihoods, empower women, and combat climate change by creating a thriving global market for clean and efficient household cooking solutions

### Vision

Universal adoption of clean and efficient cooking solutions

### Key Milestone

**An additional 100 million homes have adopted clean and efficient stoves and fuels by 2020**



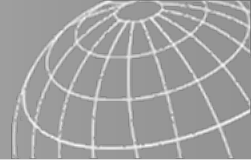
## Founding Partners

- Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ) GmbH
- German Federal Ministry for Economic Cooperation and Development (BMZ)
- Government of Norway
- Government of Peru
- Morgan Stanley /Morgan Stanley Foundation
- Shell Foundation /Shell Corporation
- SNV: Netherlands Development Organisation
- UN-Energy
- UN Environment Programme
- UN Foundation
- UN High Commissioner for Refugees
- UN Industrial Development Organization
- U.S. Agency for International Development
- U.S. Department of Energy
- U.S. Department of Health and Human Services (NIH and CDC)
- U.S. Department of State
- U.S. Environmental Protection Agency
- World Health Organization
- World Food Programme



# Alliance Programmatic Focus

- **Advocacy** - raise awareness of the benefits of clean cookstoves and advocate for their inclusion on public health, gender, energy access, and climate action agendas and lay the groundwork for a comprehensive advocacy and public awareness strategy;
- **Research** - strengthen the research case and achieve greater clarity regarding health, climate, and gender impacts and benefits;
- **Mapping** - map landscape for stove programs, UN engagement, and donor activities;
- **Market-Based Solutions** - partner with manufacturers and other key stakeholders to identify and respond to the challenges in bringing stoves to market;
- **Standards and Testing** - develop consensus standards and labels, supported by robust field testing, to provide a clear benchmark for clean and efficient stoves;
- **Financing** - explore micro, carbon, and other innovative financing mechanisms for financing stove deployment; and
- **Governance** - build the Alliance infrastructure and governance model to develop and sustain effective programs and outcomes.



# Thematic Working Groups

## The Alliance has established 9 Working Groups:

- Health
- Climate Research
- Standards and Testing
- Technology and Fuels
- Finance and Investment
- Carbon Finance
- Reaching Consumers
- Humanitarian
- Monitoring and Evaluation

## as well as 2 cross-cutting committees:

- Gender
- Manufacturing issues

## Deliverables:

- a) List of Early Action items & b) Roadmap Report with priorities for the sector





## BMZ/GIZ involvement in GACC

1. Support of secretariat;  
active role in working groups
2. Increasing the number of programmes to develop local markets for clean cooking stoves, such as extending the Dutch-German Energy Partnership Energizing Development Programme and expanding it to new partners.

### ENDEV

**Current goal: providing 6,1 Mio people in developing countries with access to modern energy**

**Current donors: DGIS, BMZ, others to join**

**Programme costs per person to develop a local, sustainable market for efficient cookstoves : 5€**



Stove Production in Ethiopia and Kenya



## GIZ & Household Energy

GIZ has long-term implementing experiences in Cooking Energy

- **30 years** of experiences
- More than **2 Mio improved stoves** promoted all over the world
- Currently activities in more than **12 countries**
- Concentrating on highly efficient but low cost wood-fuel stoves
- Artisanal (semi-industrial) local production
- **Save up to 60 %** of biomass energy
- Focus on Africa





Thank you for your attention



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***Rocket Stove in Malawi***