

# Global Alliance for Clean Cookstoves

A bold new public-private partnership led by the UN Foundation to create a thriving global market for clean and efficient cookstoves in the developing world to:

- **Save lives** by reducing exposure to cookstove smoke;
- **Empower women** through productive enterprises associated with stove use, distribution, and production;
- **Improve livelihoods** by reducing disease, freeing time, and saving money (that can be used for food, medicine, or school fees) and other social benefits;
- **Combat climate change** by mitigating black carbon and greenhouse gases;
- **Advance Millennium Development Goals** related to poverty, health, gender equality, and the environment.

*Funders include Governments of United States, Norway, Germany, Denmark, and Malta, Morgan Stanley, SNV, Shell, Shell Foundation, Bosch Siemens, World Bank, UN Foundation, participation of 8 UN agencies, and hundreds of global partners.*



# Mission Statement

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

## Vision

*Universal adoption of clean and efficient cooking solutions*

## Key Milestone

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



# Key Premises Underlying the Alliance

- Develop a comprehensive framework and roadmap what's needed to scale up clean cookstove adoption;
- Focus on those approaches that can be brought to scale and meet basic performance standards;
- Leverage the ongoing work and tremendous knowledge and expertise of current stove sector stakeholders, building on the activities and results of the Partnership for Clean Indoor Air;
- Bring new partners and donors to the table through high-level engagement, advocacy, and targeted messaging; and
- Foster a market-based approach that can lead to economies of scale and help bring down costs while keeping quality consistent.



# Clean Cookstoves

## Can Help UN Achieve the MDGs

- **Eradicate Extreme Poverty and Hunger** – more money for food
- **Achieve Universal Primary Education** – girls in school not gathering wood
- **Promote Gender Equality and Empower Women** – reduce rape and attacks while gathering wood
- **Reduce Child Mortality** – lower rates for pneumonia, still birth, asthma, and other lung diseases
- **Improve Maternal Health** – reduced exposure to stove smoke, less risk of low-birth weights, and fewer pregnancy complications
- **Combat HIV/AIDS, Malaria and other Diseases** - pneumonia in children and Chronic Obstructive Pulmonary Disease and lung cancer in women
- **Ensure Environmental Sustainability** – lower use of non-sustainable carbon based fuels such as charcoal, kerosene, and coal
- **Develop a Global Partnership for Development** – the Alliance

# 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;
- **Empirical Base** - strengthen the research case and achieve greater clarity regarding health and climate impacts and benefits;
- **Mapping** - 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 in the developing world;
- **Standards and Labeling** - 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;
- **Governance** - build the Alliance infrastructure and governance model to develop and sustain effective programs and outcomes; and
- **Campaign** – Lay the groundwork for a comprehensive advocacy and public awareness strategy.



# Draft Alliance Blueprint to Reach Global Scale

## Champion Sector

Global Communication Strategy

Diplomacy & Policy

Resources Identification

Convening and Coordination Role

Knowledge Management

## Direct Market Support

*- via a variety of Business Models -*

Standards & Testing

Capacity Building

Best Practices

Local Market Research

Local Awareness Campaigns

Finance: Working Capital, CO2, MFI, Incubator

Catalysing NGO/MFI in Supply-chain

Price/Cost Barriers (e.g., Tariffs, Taxes, Subsidies)

## Applied Research

Health

Environment

Technology

Fuels

Behavioural

Economic

## Government & Humanitarian Support

Appropriate Solutions

Leveraged Interventions

Stove & Fuel Distribution

Link to Markets

Subsidies

Design, Manufacture, Production

Stoves & Fuels Industries

Distribution, Sales, Service

*End Goal:* Universal adoption of clean and efficient cooking solutions

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# Alliance Working Groups

- Standards and Testing
  - Humanitarian
  - Finance and Investment
  - Carbon Finance
  - Monitoring and Evaluation
  - Technology and Fuels
  - Health
  - Climate Research
  - Reaching Consumers
- *Gender Cross-Sector*
  - *Manufacturing Cross-Sector*



# Working Groups' Role

**Quick Wins:** WGs will identify so-called 'quick wins' or 'early action' items - activities that will clearly move the clean cookstove sector forward , that the Alliance can start immediately and ideally complete within phase-one.

**Priority Roadmap and Strategic Plan:** WGs will help the Alliance identify the sector's priorities (i.e. what exactly needs to be done to create a global market for clean cookstoves.)

**Strategic Advice:** WGs will advise the Alliance on relevant core strategy questions



# Key Milestones Achieved

- Recruit core group of founding partners;
- Secure funding for Alliance mission from diversified donor base;
- Launch initiative at Clinton Global Initiative and high-profile public launch;
- Execute diversified media strategy;
- Create website and communications materials;
- Initiate advocacy efforts within EU, Congress, USG, United Nations, World Bank, and other institutions;
- Conduct strategic planning process;
- Kick start meetings on finance and manufacturers; and
- Launch nine working groups and two cross-cutting committees.



# Year One Activities

- Hire Executive Director and staff Secretariat;
- Finalize governance structure and populate advisory board;
- Secure funding for Alliance mission from diversified donor base;
- Integrate the Alliance and Partnership for Clean Indoor Air;
- Initiate advocacy efforts within EU, Congress/USG, UN, World Bank, etc;
- Develop and execute media and communications strategy;
- Raise visibility of Alliance and issue through participation at key events;
- Execute Working Group process and prepare 10-year strategic plan; and
- Fund and Implement early action activities such as:
  - Mapping analysis
  - Voluntary standards and benchmarks
  - Indoor air guidelines
  - Health research and Kenya exposure studies
  - Carbon Accelerator Fund
  - Field testing of stoves
  - Other Working Group recommendations



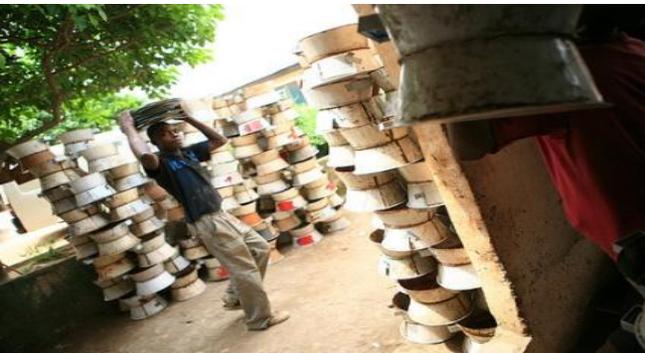
# Challenges and Opportunities

## *Challenges:*

- Meet ambitious 2020 goal of 100 million clean cookstoves;
- Spur clean stoves industry while addressing needs of bottom of the pyramid;
- Attract new funding to the sector given skepticism of previous stove efforts;
- Manage large number of partners and funders with competing priorities; and
- Raise awareness of a public health issue that is relatively unknown.

## *Opportunities:*

- Raise awareness of relatively unknown global public health issue;
- Empower women through entrepreneurship and improved health;
- Mitigate climate change while providing health and economic benefits;
- Facilitate UN's efforts to *deliver as one* on stoves; and
- Enhance coordination within stoves sector to leverage results at scale.



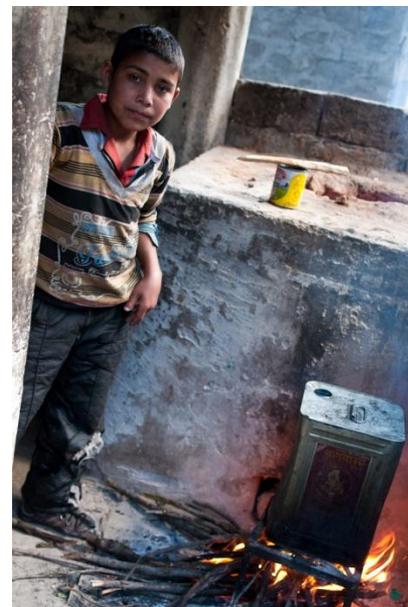
# What Does Success Look Like in 10 Years' Time?

- Adoption of 100 million clean and efficient cookstoves by 2020 (equal to roughly 20 percent of the globally affected population)
- Investments to address the issue on par with funding for other public health and climate risks of a similar nature and severity
- Development of a mature global cookstoves sector that can supply clean and efficient cooking solutions – stoves and/or fuels – to the developing world at scale and at low cost
- Demonstration of the health, climate and economic benefits of clean and efficient cooking solutions through development of a robust research, monitoring and evaluation agenda

# Partnership Opportunities

The Alliance seeks government, private-sector, philanthropic, NGO, academic, and other partners to support the Alliance and/or specific activities. Partners can:

- Share stories, pictures, and case studies
- Provide input to the Working Groups process
- Join as an Alliance partner
- Take a leadership role in specific efforts
  - Advocacy and outreach
  - Stove standards and testing
  - Applied research efforts in health, climate, etc.
  - Development of new business models
- Play a leadership role in target geographic markets
  - Public awareness campaigns and policy reform
  - Development of local stove testing capacity
  - Development or capitalization of local financing tools
  - Monitoring and evaluation efforts
  - Development of regional networks
  - Other?



# Discussion

- What do you think of the process the Alliance has laid out?
- Where do you think the Alliance can be most effective?
- How can we leverage the impressive work all of you are doing on the ground?
- What are the most urgent issues for the Alliance to address during the first year?

# Contact Information

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