The Global Alliance for Clean Cookstoves will create a thriving market for clean cookstoves and fuels.

**PROBLEM**
Every day, 3 BILLION PEOPLE (500 million households) rely on solid fuels to power their rudimentary stoves which leads to:

- 4,300,000 deaths annually
- Wasted productivity
- Climate, forestry & other environmental degradation
- 21% of global black carbon emissions
- Health & economic burdens that disproportionately impact women & girls

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

**GOAL**
100 MILLION HOUSEHOLDS ADOPT CLEAN AND EFFICIENT COOKSTOVES & FUELS BY 2020
Strengthening the Impact of Clean Fuels Across the Value Chain

**Resource Availability**
- Improve understanding of **global** clean fuels supply and demand

**Production/Processing**

**Distribution**
- Expand access and affordability of LPG in Ghana, **India** and **Kenya**
- Improve access and scale to LPG and **electricity in India** through market research, awareness-raising and demand creation

**Use**

**Impacts**
- Coordinate activities, including capacity building, with bioenergy/ethanol global strategic partnership networks
- Evaluate social, economic and environmental impacts and research gaps across fuel value chain
- Fuel Enterprise Innovation, Scale, and Capacity Building
- Improve understanding of drivers of adoption of clean fuels and resulting impacts on pollution, exposure and health
Clean Fuels are Central to Alliance Public Health Portfolio

- ‘Clean’ for Environment ≠ ‘Clean’ for Health!
- Credible International Standards Development Bodies Inform Definition of ‘Clean’ Cooking Technologies
  ➔ Tier 4* for ‘indoor emissions’ will likely achieve the greatest health benefits

![Graph showing emissions rates of different cooking technologies](image-url)
Jointly released RFA for an Implementation Study

USAID/TRAAction
Global Alliance for Clean Cookstoves
Evaluating Sustained Adoption of Clean Cookstoves and Fuels

Key study components:

• Implementation research
• Clean cooking focus
• Vulnerable populations
• In context of a scalable program
Journal Supplement

Supplemental Issue

Advancing Communication and Behavior Change Strategies for Cleaner Cooking
Behavior Change Approaches:
- provide rewards
- increase knowledge
- change environment
- promote awareness
- institute policies

Outcomes:
- acquired stove
- reduced emissions
- decreased fuel use
- reduced time demands

Indicators: Outcome and Impact

**Behavior Change Approaches**

**Outcomes:**
- acquired stove
- reduced emissions
- decreased fuel use
- reduced time demands

**Indicators:**
- Outcome and Impact
Request for Applications
Household Air Pollution Implementation Research:
Evaluating Sustained Adoption of Clean Cookstoves and Fuels

• Purpose: implementation research on the motivators and barriers to sustained adoption of clean cooking technologies...The research is intended to identify key determinants influencing the sustained correct, consistent, and exclusive use of clean cooking technologies (demonstrably clean cookstoves and/or fuels) in order to inform future implementation efforts aiming to reduce household air pollution and ultimately decrease the burden of disease in women and children.

• The findings will inform a theory of change, through which the identified determinants of clean cooking adoption are built into an evidence-based implementation framework that can guide future efforts to reduce HAP exposure. The research will help to inform future investments in the mitigation of household air pollution.
Encouraging Evidence of Scaling Up from Responses to Alliance – USAID Adoption RFA

<table>
<thead>
<tr>
<th>Intervention</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biomass Pellets</td>
<td>Rwanda</td>
</tr>
<tr>
<td>Ethanol</td>
<td>Ethiopia</td>
</tr>
<tr>
<td>LPG</td>
<td>Cameroon</td>
</tr>
<tr>
<td></td>
<td>Ghana</td>
</tr>
<tr>
<td></td>
<td>Guatemala</td>
</tr>
<tr>
<td></td>
<td>Uganda</td>
</tr>
</tbody>
</table>

Awards to be announced in the next few weeks!