The Challenge

- Almost 3 billion people burn traditional fuels indoors for home cooking and heating.
- The number of people using these fuels is expected to rise substantially by 2020.
- More than 1.6 million people, mainly women and children, die prematurely each year from breathing elevated levels of indoor smoke.
Solid Fuel Use

Indoor Smoke: Breaking Down Respiratory Defences

Cross-cutting Issue

- Energy (LPG, renewables, wood…)
- Deforestation/desertification/land degradation
- Climate change (greenhouse gas emissions)
- Gender (time, health, education…)
- Health (air pollution, injuries, pests…)
- Economic development (jobs, activities with time-saved…)
- Children’s health (pneumonia, asthma, acute lower respiratory infections …)
About the Partnership for Clean Indoor Air (PCIA)

• Launched in Johannesburg at the World Summit on Sustainable Development in 2002.
• Now over 130 partners from the public and private sector working together in 70 countries.
PCIA’s Mission

• Improve health, livelihood, and quality of life through reduced exposure to air pollution, primarily among women and children, from household energy use in developing countries.
PCIA’s Goal

• Increase the use of clean, reliable, affordable, efficient, and safe home cooking and heating practices that reduce exposure to indoor air pollution.
PCIA’s Comprehensive Approach

- Incorporate social and cultural customs.
- Support sustainable, local markets.
- Meet design/performance criteria.
- Demonstrate reduced exposure.
Current Partnership Activities

• Building capacity in priority areas.
  o Stove design and performance workshops
  o Laboratory stove testing
  o Regional health/exposure monitoring workshops
  o Regional commercialization workshops
  o Kiln building workshop & materials
Partner Pilot Projects

Implementing pilot projects to demonstrate effective approaches.

- Sharing lessons learned.
- Replicating projects that promote improved cooking and heating practices that are more efficient, meet users’ needs, reduce exposures, and can be produced locally.
- Scaling-up effective approaches.
Current Partnership Activities

- Strengthening exchanges and networks.
  - Partner Forum – New Delhi, India - March 2007

- Developing tools and resources.
  - Partnership Web site: www.PCIAonline.org
  - Quarterly Bulletin
  - PCIA Design Principles for Wood Burning Cook Stoves
Key Purposes of PCIA Forum

1. Document Results To Date

1. Celebrate Results -- Call Attention to Effective Programs & Activities

2. Commit to Actions Aimed at Bold Future Results Targets
Key Question We Will “Run On”

What can each of us do to rapidly increase the use of cleaner, more efficient cook stoves?
Other Key Questions to Run On

- What is working around the world?
- What is causing it to work?
- What are our results so far?
- What can we do more of, better or differently?
- What are our ambitious targets as we go forward from here?
<table>
<thead>
<tr>
<th>Data Summary from 39 Organizations</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Target Area Homes:</strong> 231 million</td>
</tr>
<tr>
<td><strong>Target People:</strong> ~1 Billion+</td>
</tr>
<tr>
<td><strong>Progress - 2003 to Present:</strong></td>
</tr>
<tr>
<td><strong>Homes:</strong> 1.3 million</td>
</tr>
<tr>
<td><strong>People:</strong> 11 million</td>
</tr>
<tr>
<td><strong>Ambitious Targets:</strong></td>
</tr>
<tr>
<td><strong>1 Year Goal:</strong> 1.4 million homes</td>
</tr>
<tr>
<td><strong>2-3 Year Goal:</strong> 6.5 million homes</td>
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</tbody>
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Benefits of Working in Partnership

- Greater visibility and support for the issue
- Leverage expertise and resources
- Access to experts in other sectors
- Share lessons learned
- Build on effective approaches
- Achieve greater results: more people with reduced exposure to indoor air pollution
Opportunities for Involvement

- Join the Partnership (www.PCIAonline.org).
- Participate in Partnership activities.
- Distribute PCIA materials to stakeholders.
- Review and comment on tools in development stages.
- Look for opportunities to collaborate and leverage resources with other PCIA members.