

Partnership for Clean Indoor Air



ETHOS

January 27, 2007

FY06 Accomplishments

- Expanded the Partnership to over 125 international organizations working in 67 countries.
- Catalyzing exchanges, networks and action.
- Promoting the 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

FY06 Accomplishments: Pilot Projects

- Managed and collaborated with 10 pilot project grantees (\$1.2M).
- Results to date:
 - 1.3 million people educated about IAP;
 - 71,000 homes using clean & Efficient practices;
 - 700 new small businesses producing and marketing improved technologies & fuels; and
 - 280,000 people with reduced exposure to indoor smoke = \$4 per person

FY06 Accomplishments: IAP Monitoring

- Conducted Regional Indoor Air Pollution and Household Energy Monitoring Workshop (in Sri Lanka) with WHO, and other leading Partners.
- Convened 35 IAP experts in (Seattle) to share methods and preliminary findings of indoor air pollution monitoring being conducted on household energy and health pilot projects.
- Awarded contract to CEIHD to conduct two workshops in FY07.

FY06 Accomplishments: Technology & Fuels

- Organized Stove Design and Performance Workshop in Burkina Faso and consultancy in China to build regional capacity in assessing and developing improved cooking technology.
- Participated in the “Regional Training on Biomass Gasification for Thermal Applications in Small/Cottage Industries” in China to further the use of biomass gasification technologies.
- Tested eight new technologies being promoted by partner organizations for heat transfer efficiency and emissions (CO and PM) and provided recommendations for improving the stove design and performance.
- Conducted two kiln building workshops in Uganda and Mauritania to build and operate fuel efficient kilns.

FY06 Accomplishments: Commercialization

- Contract with Accenture Development Partnerships to conduct regional commercialization workshops and provide field-based business assistance.
 - Conducted workshops in Mexico and Ethiopia; strengthened the capacity of 24 organizations to develop business strategies.
 - Provided one-month field-based business consultancies to grantees in Honduras, China and Uganda to develop a commercial strategy.

FY06 Accomplishments: Climate Change

- Participated in a Cooking and Carbon Expert Workshop convened by the University of Oxford, EcoSecurities, and Climate Care to examine the most pressing questions relating to the carbon trading potential of improved cooking stove projects in developing countries.
- Presented PCIA at USG side-event at COP12 to raise awareness of link between carbon and cooking.
- Published PCIA Bulletin on Cooking and Climate (Bulletin #6)

FY06 Accomplishments: Visibility & Action

- Regional Workshop on Indoor Air Pollution, Health and Household Energy in South Asia (held in Nepal)
- UN Commission for Sustainable Development (CSD-14)
- EPA Science Forum poster *Reducing Exposure to Indoor Air Pollution from Household Energy Use*
- "Household Energy Intervention for Reducing IAP Exposure in Rural Areas in China" at the Woodrow Wilson Center's China Environment Forum
- Annual ETHOS Conference in Seattle, Washington
- Hosted Shell Foundation presentation of Breathing Space Strategy and Business Plan
- Organized EPA Administrator's site visit to the Nature Conservancy China Program in Yunnan Province

FY06 Accomplishments: Information & Guidance

- Four quarterly PCIA Bulletins
- Spanish “Design Principles for Wood Burning Cook Stoves”
- French PCIA fact sheet and updated English version
- Community-based IAP education guide (contract with HELPS International)
- Booklet “Cooking with Less Fuel: Breathing Less Smoke” (UN World Food Program and Aprovecho Research Center)
- Retained heat cooker guide (HELPS International)
- Expanded PCIA website



FY07 Milestones & Expected Outcomes

- **Build capacity in priority areas:**
 - Stove design and performance guidance
 - EPA Laboratory stove testing
 - Regional health/exposure monitoring workshops
 - Commercialization Toolkit
 - Kiln building materials
 - Develop tools and resources to fill information gaps

Expected Outcomes:

- Increased capacity to implement highly effective household energy programs

FY07 Milestones & Expected Outcomes

- **Scale-up Effective Interventions**

- Publish request for proposals
- Evaluate, select and award ~3 – 4 grants

Expected Outcomes:

- 30,000 – 50,000 homes with minimum of 50% reduced exposure
- 1 million people with increased awareness of IAP

- **Networking and advocacy events**

- BAQ Asia
- CSD-15

Expected Outcomes:

- Increased visibility of issue and best practices

Stove Design and Performance Guidance

PCIA Planning Meeting in Bonn – November 2006

Agenda

- CSD 15 / Partnership Forum / Stove Performance Benchmarks

Purpose of Benchmark Discussion

- What are stove performance benchmarks?
- Learn about actions other organizations take to ensure minimum stove performance in their projects.
- Discuss what might be the benefits of the Partnership adopting consensus benchmarks, and
- Develop a process to further the dialogue around benchmarks.

Outcomes of Benchmark Discussion

- Broaden stakeholders engaged in benchmark discussions
- Support for a January meeting to prepare benchmarking options for discussion at ETHOS and Partnership Forum in March 2007.

Stove Design and Performance Guidance

PCIA Stove Performance Guidelines Meeting --January 25, 2007

Purpose

- to develop recommendations for emissions and fuel use guidelines for clean and efficient cooking stoves.

Outcomes

- Gather more data on how well lab emissions tests correlate with field emissions tests
- Request that the World Health Organization (WHO) move forward to develop Stove Performance Guidelines as part of their Indoor Air Quality Guidance Development
- Publish stove testing results / IAP results / fuel results

3rd PCIA Biennial Forum

- **Convene 3rd Biennial Partnership Forum**
 - Report on extraordinary results, celebrate breakthrough achievements, and commit to attaining bold future goals to advance to the next stage of reducing indoor air pollution from cooking and heating practices for 3 billion people in developing countries
 - Inform India media on issue and Forum
 - Brief Indian Government on Forum outcomes

Expected Outcomes:

- Increased knowledge, capacity and action among 100 Partners
- Leveraged resources and expertise
- Increased media and government action in India

Forum Objectives

- Raise the visibility of household energy and health/environment
- Raise the visibility of innovative, successful efforts being implemented by Partners
- Strengthen Partners capacity to implement highly effective household energy programs, and mobilize and leverage resources
- Identify common strategic objectives and opportunities for collaboration

Forum Objectives continued...

- Develop a Partnership for Clean Indoor Air Declaration on the new generation of healthy and affordable household energy interventions to present at the UN – CSD in May 2007
- Generate commitments and actions to achieve the eight Forum priorities

Forum Priorities

- Raise awareness of indoor air pollution and available solutions
- Improve Technologies, fuels, and practices for reducing Indoor Air Pollution exposure
- Develop commercial markets for clean and efficient technology and fuels
- Monitor and evaluate interventions

Forum Priorities continued

- Influence energy and health policy
- Replicate relevant health sector approaches
- Understand greenhouse gas emissions and carbon credits
- Support humanitarian assistance programs

...more Forum information

- The Forum will be held in English
- The Forum is Free
- Participants will be responsible for their own travel costs and other expenses
- Financial assistance is available for a limited number of participants.

Participate in the PCIA Forum

- Visit www.PCIAonline.org to:
 - Submit an online registration form
 - Submit an abstract highlighting the achievement of one of the eight Forum priorities
 - Obtain logistical information
 - Join the Partnership