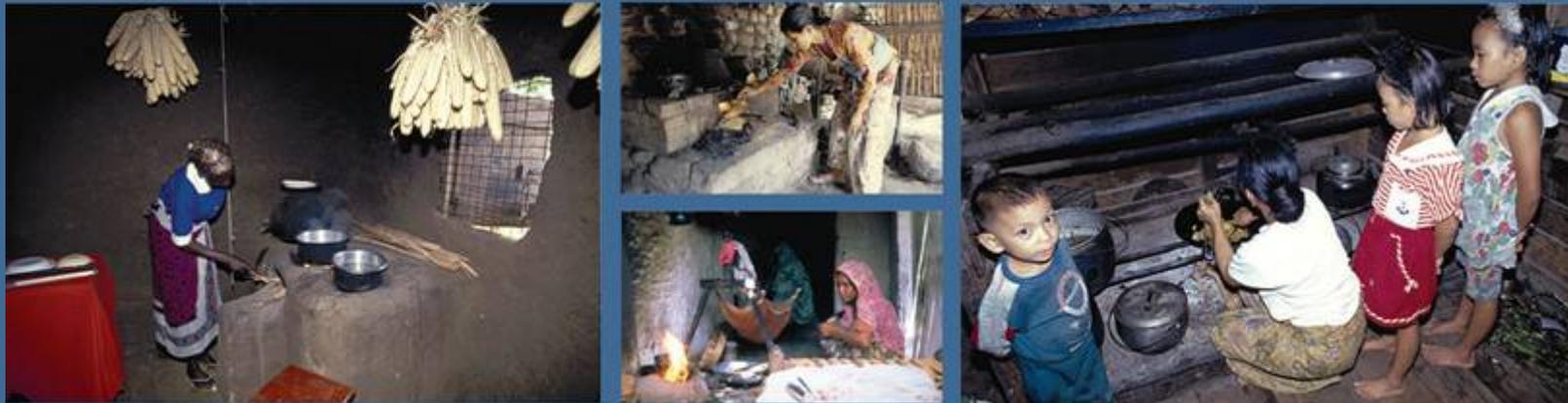


Partnership for Clean Indoor Air



Mr. John Mitchell
U.S. Environmental Protection Agency

CSD15
May 4, 2007

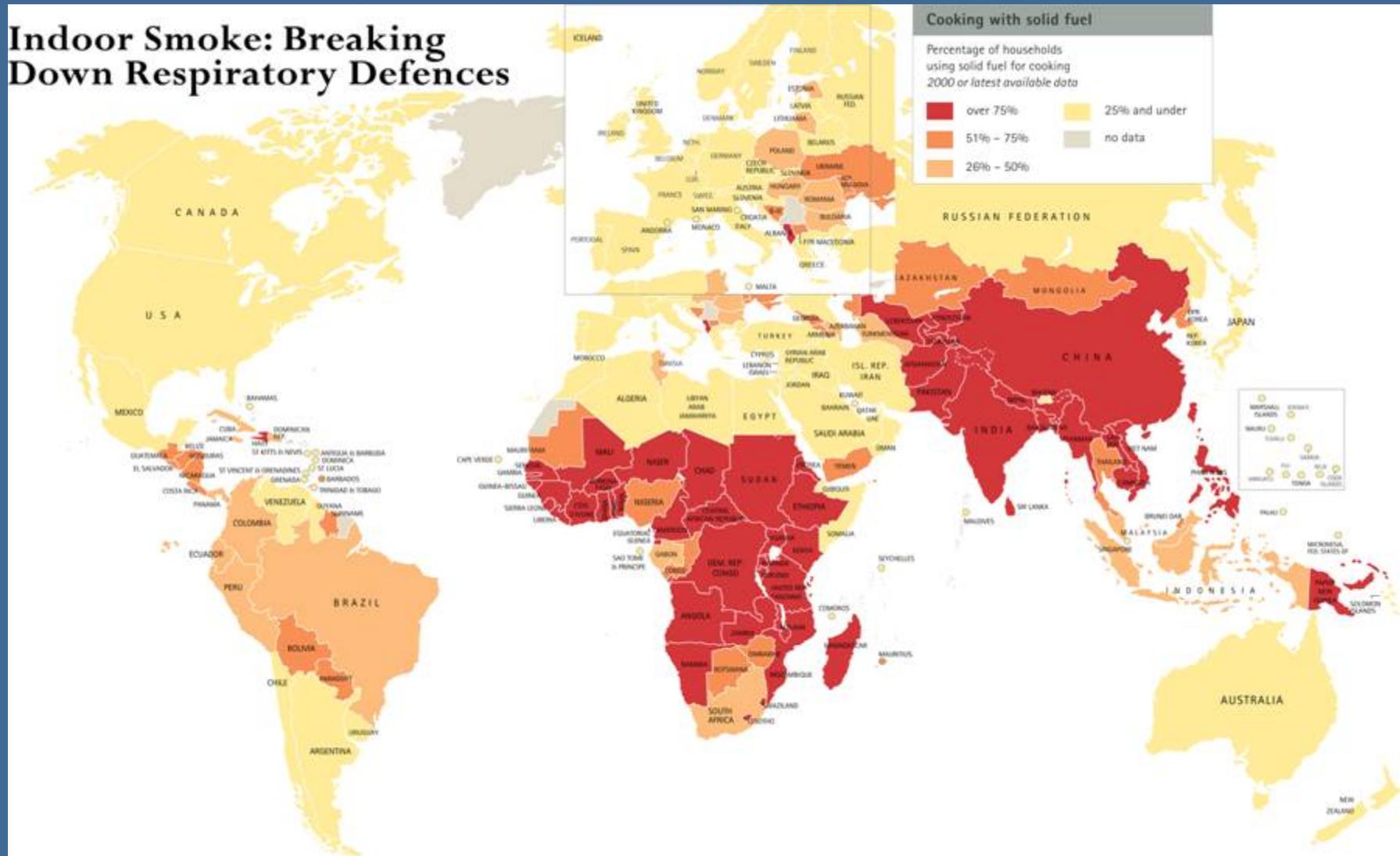
The Challenge

- 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



Source: WHO, Inheriting the World: the Atlas of Children's Health and the Environment

Partnership for Clean Indoor Air

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.
 - Stove design and performance workshops
 - Laboratory stove testing
 - Regional health/exposure monitoring workshops
 - Regional commercialization workshops
 - Kiln building workshop & materials



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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?*

Data Summary from 39 Organizations

Target Area Homes: 231 million

Target People: ~1 Billion+

Progress - 2003 to Present:

Homes: 1.3 million

People: 11 million

Ambitious Targets:

1 Year Goal: 1.4 million homes

2-3 Year Goal: 6.5 million homes

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.