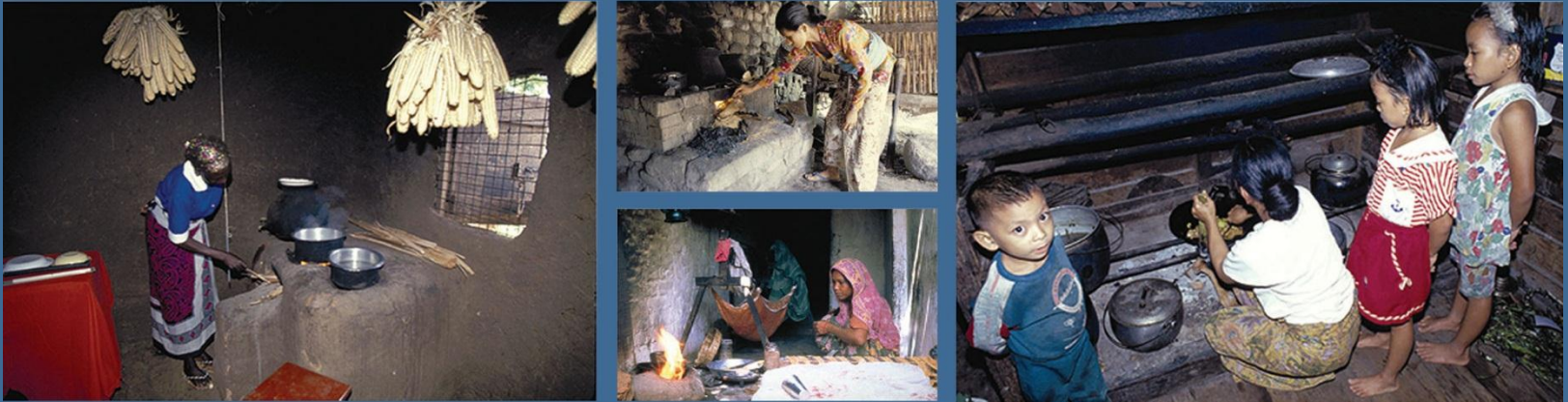


Partnership for Clean Indoor Air



Ms. Elisa Derby

**Winrock International
November 30, 2011**

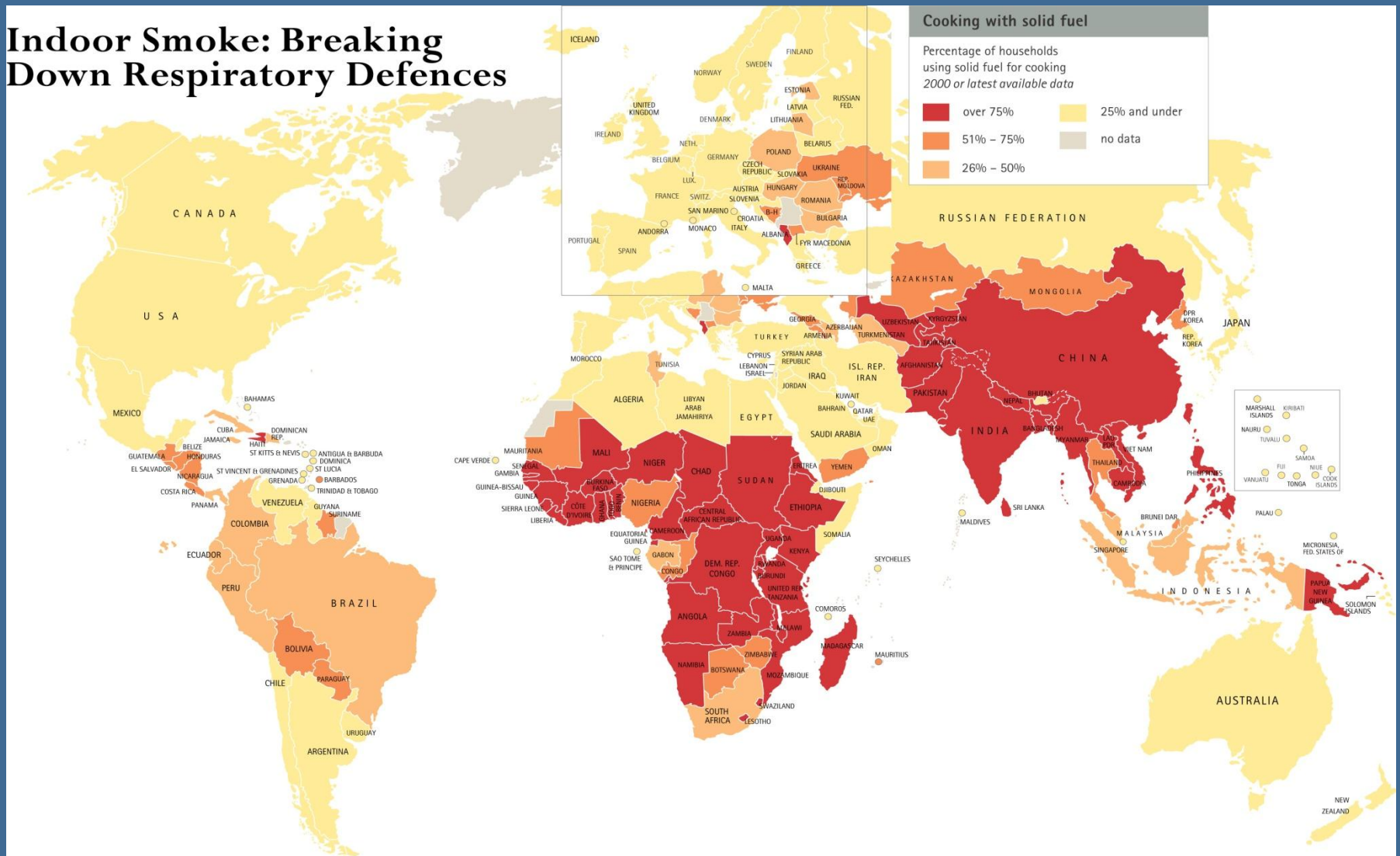
The Challenge

- 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

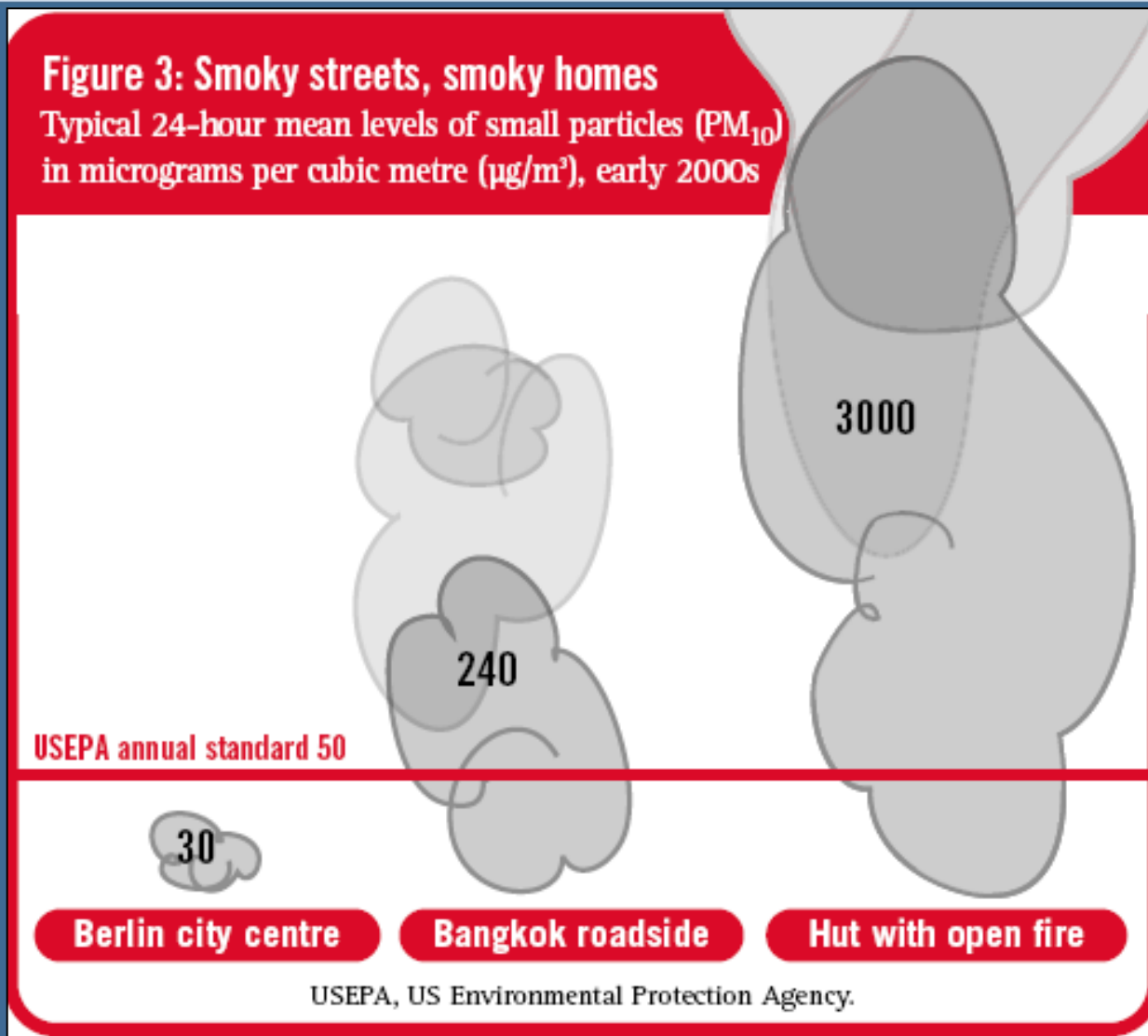
Indoor Smoke: Breaking Down Respiratory Defences



WHO IAP Exposure Guidelines for PM₁₀ and PM_{2.5}

Annual mean level	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)
WHO interim target-1	70	35
WHO interim target-2	50	25
WHO interim target-3	30	15
WHO Air quality guidelines	20	10

What are typical exposures?



source: WHO Fuel for Life, 2006.

Traditional Stove



Kitchen with “Improved” Stove



Key Purposes of Workshop

- Improve the performance (efficiency) of our stoves.
- Learn how each of the three international stove testing protocols work, what they tell us, and when to use each to test our stoves.
- Test our stoves – learn how they work. Review design principles and apply the principles to our stoves.
- Make changes to our stoves and then retest them.
- Leave the workshop with improved stoves and a plan to test stoves.

A Request: Be” A Certain Way This Week

- Be Learning from Peers (all teach/all learn)
- Be Looking to Contribute (actively participate)
- Be Networking
- Be Speaking Powerfully
- Be Committing to Actions

...Take a Vacation from Analysis, Skepticism
& “Critical” Thinking

Introductions

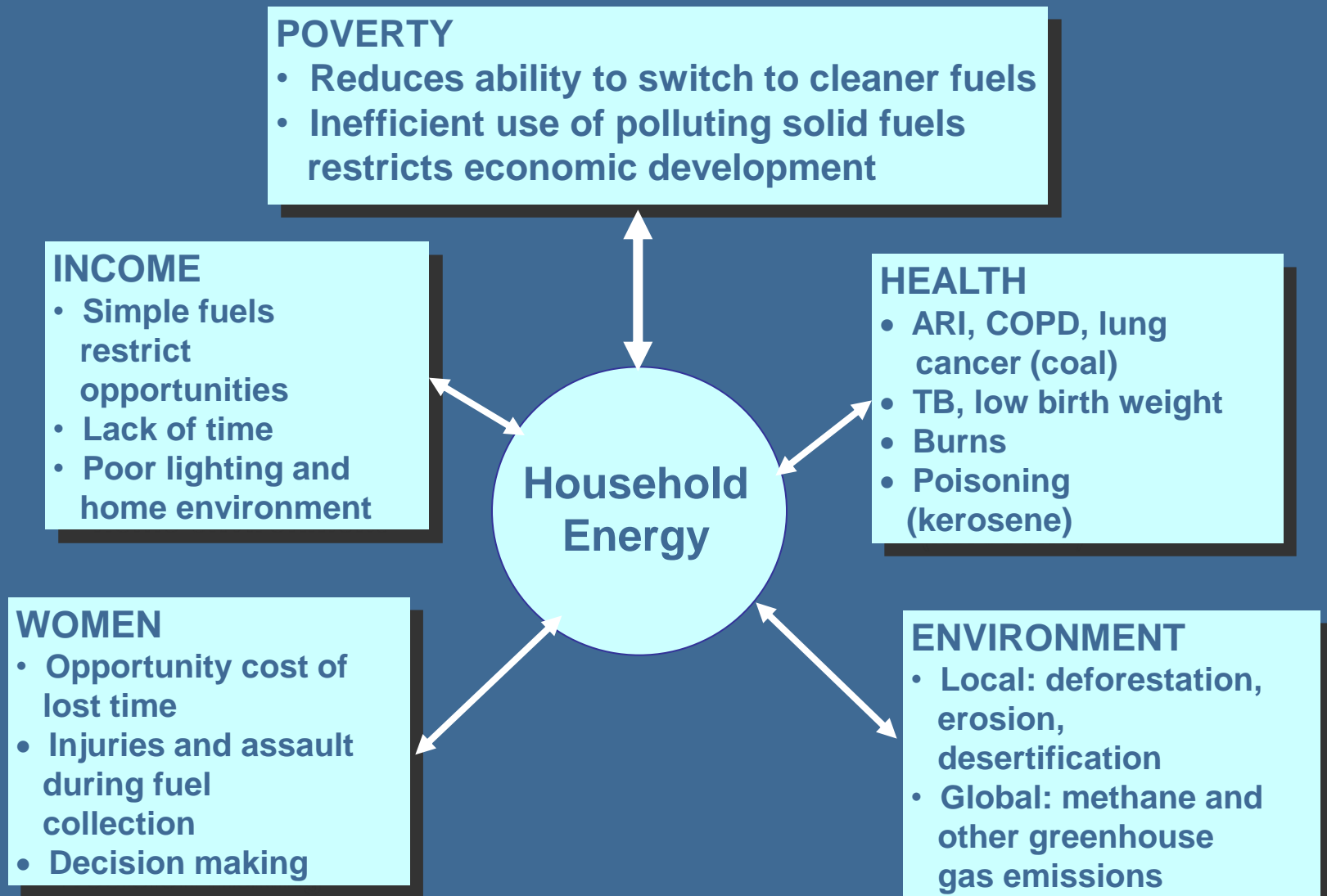
My name is _____.

You can call me _____.

I am from __ (organization) __ in __ (country) ____.

The one thing I am most interested in learning about is _____.

Multiple Health and Broader Impacts of Household Energy



About the Partnership for Clean Indoor Air

- 530 Partner organizations working in 115 countries
- Focused on increasing the use of clean, affordable, reliable, efficient and safe home cooking and heating practices
- Promoting a wide variety of technologies and fuels
- A global community of practice, with...
 - A proven track record of results
 - Best practices in key priority areas
 - An amazing network of people

PCIA Partner Interactive Map



Our Common Goal

- Every family is using clean burning, fuel efficient and affordable cooking/heating technologies and/or fuels.
 - Raising awareness of the dangers of indoor air pollution and availability of safer alternatives
 - Improving stove design and performance
 - Creating strong local markets for clean and efficient stoves
 - Monitoring the many impacts of using clean and efficient technologies
 - Utilizing carbon funding to scale-up stove programs

Current Partnership Activities

- Strengthening exchanges and networks.
 - Partner Forum – New York/2003, Morocco/2005, India/2007, Uganda/2009, Peru/2011
- Developing tools and resources.
 - PCIA website: www.PCIAonline.org
 - Quarterly Bulletin
 - PCIA Design Principles for Wood Burning Cook Stoves, others
 - Thematic webinars



Current Partnership Activities

Building capacity in
priority areas.

Regional Monitoring Workshops
Guatemala, Uganda, Sri Lanka,
Vietnam, South Africa

Stove Design/Testing Workshops
Indonesia 2008
Nepal, India, Peru 2010-2011
Rwanda, Laos, Bangladesh 2011



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

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, 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.



Global Alliance 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

www.cleancookstoves.org



Partnership for Clean Indoor Air

Key Question to “Run On”

What can each of us do to improve the stoves that we design, manufacture, and sell?

How do we ensure quality control of every stove we make?

Other Key Questions to Run On

- *What is working here and 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 goals as we go forward from here?*

Who is in the Room?

- *I work in _____ (country),
for _____ (organization).*
- *We sell about _____ stoves a month, and
have sold about _____ stoves in the past
year.*
- *Our stove testing experience is
_____.*
- *The results of our stove testing were
_____.*
- *Our stove performance goal is _____.*