

ETHOS 2007 – *Building Foundations for Scale-Up*

NGOs, academics, students, technical trainers, and global programs.

FRIDAY - January 26, 2007 - Baymont Inn & Suites

12:00 – 8:00 Registration/Coffee

3:00 – 5:30 ETHOS Technical Committee on Testing Standards and Methods meeting

6:00 – 8:00 Food and Friends

7:00 – 8:00 Informal slide show – Volunteers: Dean Still, others?

7:30 – 8:30 Registration/Coffee

8:30 – 9:00 Welcome and Introductions: Mark Bryden/Dean Still

Session 1 - Emerging Technologies & Fuels (9:00 – 10:15)

Clean Energy, Safe Energy

James Murren, Todd Wofchuck

The HotPot: A Mass Produced, Easy to Use Panel Solar Cooking Oven

Marie-Ange Binagwaho

A Novel Low Cost Solar Concentrator

Larry Winiarski Jr.

Field Testing of a Stove-Powered Thermoelectric Generator

Dan Mastbergen

BREAK: 10:15 – 10:45

Session 2 - Design & Performance: Part I (10:45 – 12:00)

The Philips Woodstove, From a Research Prototype to a Commercial Business Proposition

Jan Alders Philips

Design of an Energy Saving Cook Pot

Alan Berick

Use of Replaceable Steel Plates to Enhance the Efficiency of a Biomass Stove

Joshua Heyne, Charlie Schreier, Margaret Pinnell

A Report on Some Experiments with a Natural Draft Top-Lit Up Draft (TLUD) Stove

Dale Andreatta

LUNCH: 12:00 – 1:15

Session 3 - Monitoring & Evaluation: Performance and Emissions Testing (1:15 – 2:15)

Performance Testing as a Tool to Monitor Improved Stove Interventions: Experiences from the Pilot Phase of the Shell Foundation's Household Energy and Health Project

Rob Bailis

The Design and Development of a Low Cost Wood Moisture Sensor

Nicholas Hoffman, Charlie Schreier, Margaret Pinnell

Observations from Three Years of Cookstove Emission Testing both in the Field and in the Laboratory

Chris Roden, Tami Bond

Session 4. Sustainability: Part I - Market Development (2:15 – 3:00)

Building Energy Efficient Kilns for Firing Ceramic Stove Inserts
Manny Hernandez

High Volume Manufacturing of Improved Cookstoves
Allison Daigre & Elisa Guzman

Finding a Five Dollar Stove
Crispin Pemberton-Pigott

BREAK: 3:00 – 3:30

Session 4. Sustainability: Part I – Market Development, cont. (3:30 – 4:15)

The Micro-Enterprise Stove Project in Honduras: Making Stoves and Fixing Carbon
Stuart Conway

A Business Plan for Selling Institutional Stoves in India
Sandra Moen, Dean Still, Damon Ogle, University of Oregon Business School

Session 5. International Partnership (4:15 – 5:15)

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Carol Okwiri

3rd Biennial Partnership for Clean Indoor Air Forum: Bangalore, India, March 20-23
Brenda Doroski, John Mitchell

Planting Hope
Laurie Childers

Keynote – Dean Still (5:15 – 5:30)

DINNER: 5:30 – 7:00

Slide Show (7:00 – 8:30)

8:00 – 8:30 Registration/Coffee

Session 6 - Design & Performance: Part II (8:30 – 10:00)

?

Ken Goyer

Rocket Stove Power Generation

Larry Winiarski

Progress Report on Small TLUD Gasifier Devices in 2006

Paul Anderson

Global Warming Potential of Six Common Cooking Stoves

Nordica MacCarty, Damon Ogle, Dean Still, Chris Roden, Tami Bond, Bryan Willson

[US woodstove industry perspective]

Ben Myren

BREAK: 10:00 – 10:30

Community Business (10:30 – 10:45)

Session 7 - Impacts: IAP and Health Monitoring (10:45 – 11:45)

IAP Reduction from the Healthy Stove Project in the Peruvian High Andes: Preliminary Results

Lisa Büttner

Measuring Obstructive Lung Disease Impacts of IAP: Preliminary findings from a rocket stove introduction program in Peru

Jay Smith

Monitoring and Evaluation of Improved Cookstove Programs for IAQ and Stove Performance

Kyra Nymoff Shields

Online Demonstration and Discussion (11:45 – 12:00)

Biomass Cooking Stoves Online: Demonstration and Discussion

Tom Miles

LUNCH: 12:00 – 1:15

Session 8 - Sustainability: Part II - Awareness Building and Education (1:15 – 2:15)

Place Based Education of IAP

Lois O'Neal

Awareness Building and Micro Credit

Richard Grinnell

Work in Mali

Robert Taylor

2:15 – 3:00 ETHOS Business Meeting/Committee Summaries/Connections

3:00 – 3:15 Closing comments - Challenges for year ahead – Mark Bryden

3:15 – 5:00 Stove Demonstrations/Poster Session