



Importance of Developing Standards for Cookstoves

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Why are standards beneficial?

Standards Can...

- *Provide policy makers, donors, stove programs and other stakeholders with a credible basis for comparing stove performance and safety*
- *Help all stakeholders have a common set of terminology [Clean, Efficient, Safe, Durable] for communicating and understanding stove performance*
- *Give stove makers affirmation of product quality*
- *Let stove users know that they are making a worthwhile investment*
- *Drive innovation in the industry*

Discussions about Stove Standards

- Bonn World Health Organization (WHO) Air Quality Standards Meeting - 2005
- Annually at the ETHOS meetings
- PCIA Forums (Bangalore – 2007, Kampala – 2009, Lima – 2011)
- Numerous International Conferences –
 - discussing the multiple benefits of stove standards; and
 - building support for Voluntary Stove Standards
- Alliance Standards and Testing Working Group
- Breakthrough at PCIA Forum in Lima – called the Lima Consensus -
 - utilizing Tiers of Performance

The situation at present

- There are several stove protocols and standards
- However, there is no one internationally agreed upon standard
- Current laboratory protocols do not adequately cover all stove types -- for example -- heating stoves, plancha/griddle stoves, batch fed stoves...

Protocols:

- VITA Water Boiling Test
- Chinese Standard Water Boiling Test
- Indian Standard Water Boiling Test
- Emissions & Performance Test Protocol
- Comparative Water Boiling Test
- Controlled Cooking Test [Field]
- Kitchen Performance Test [Field]
- Heterogeneous Stove Testing Protocol
- And others...

Standards/Benchmarks:

- Bureau of Indian Standards
- Chinese Standards
- GIZ Benchmark
- Kenyan Standards
- Shell Foundation Benchmarks
- South Africa Standards
- And others...

An opportunity to move forward

- Many countries indicate that they prefer ISO guidance for standards
- Initiating an ISO standard requires international agreement on the nature of that standard
- ISO has agreed to an *International Workshop Agreement (IWA)*



ISO Voting Countries



International Workshop Agreement

Workshop to be held February 28-29, 2012

<http://www.pciaonline.org/ISO-International-Workshop>

- The IWA is an ISO document produced through workshop meeting(s) and not through a technical committee process
- Stakeholders directly participate developing the IWA and do not have to go through a national delegation
- An IWA can be produced swiftly
- The IWA carries the ISO brand
- IWA's can be precursors to International Standards



Progression of IWA to ISO Standard

