



A Brief Overview of Global Standardization Systems

Why are we here?



“The absence of internationally-recognized clean cookstove standards and limited in-country testing capabilities has hampered efforts to scale up adoption rates”

Igniting Change: A Strategy for Universal Adoption of Clean Cookstoves and Fuels

Definitions



- Standards
 - **Voluntary** technical specifications for products or services

- Technical Regulations
 - **Mandatory** technical specifications, which may include particular standards or conformity assessment procedures

- Conformity Assessment
 - **Processes and systems** used to verify the compliance of a product, person, process or system to either a standard or a regulation (e.g., testing, inspection, certification, etc.)

Common Drivers for the Use of Standards

Market	Governments (national or local)	Donors
<ul style="list-style-type: none">•Retailers may demand that their suppliers use specific standards•Consumers may only buy a product that meets specific standards•Use of specific standards may be written into contracts	<ul style="list-style-type: none">•Standards may be referenced in regulation•Standards may be referenced in government procurement bids•Use of standards may be tied to government subsidies or incentives	<ul style="list-style-type: none">•Donor programs may call for use of specific standards

Who develops standards?



Organizations

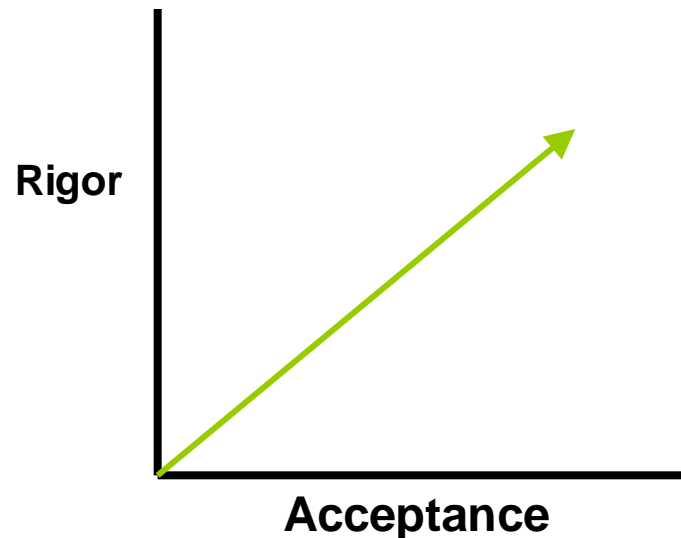
- Treaty organizations - WHO, CODEX, ITU, UN, etc.
- Non-treaty organizations - ISO, IEC, etc.
- Standards Developing Organizations (SDOs) - ASTM, ASME, IEEE, etc.
- National Standards Bodies (NSBs) - SAC, BIS, BSN, etc.
- Informal "consortia" - W3C, "Lima Consensus," etc.

Participants

- Industry
- Government
- Academia
- Consumer and environmental interests
- And other affected stakeholders

Rigor and Acceptance

- Different organizations have different processes with varying degrees of rigor
- More rigorous processes generally require more time and resources than less rigorous processes
- More rigorous processes are generally more widely accepted than less rigorous processes



Rigor and Acceptance (2)



- ANSI was engaged by PCIA and the Alliance to identify the standards development process with the optimal balance of rigor vs. acceptance for the cookstoves community
- ANSI conducted outreach interviews with National Standards Bodies (NSBs) and other organizations in countries with significantly impacted populations and/or with existing national cookstoves standards or programs
- Based on feedback provided by ANSI, PCIA and the Alliance decided to pursue standards development through the International Organization for Standardization (ISO)
- The ISO International Workshop Agreement (IWA) was identified as a mechanism to help codify an “interim” cookstove standard

National Standards Bodies (NSBs)



- ISO is a network of NSBs from 161 countries. NSB responsibilities in ISO include:
 - Coordinating with stakeholders in their countries to develop national positions
 - Determining in which technical committees their country will participate
 - Developing national voting positions
 - Determining which ISO standards will be adopted by their country
- Many NSBs have other responsibilities in their own countries, such as:
 - National policies for standardization
 - Developing national standards
 - Developing national technical regulations
 - Implementing national testing, certification or accreditation programs
- NSBs can be governmental, quasi-governmental or private-sector organizations



for more information

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- What benefits do you see for the household energy community in reaching out to this new stakeholder group?