



Reliable, Flexible, Responsive

Overview of the Private-Sector-Led United States Standardization System



Presented by:
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November 23, 2011

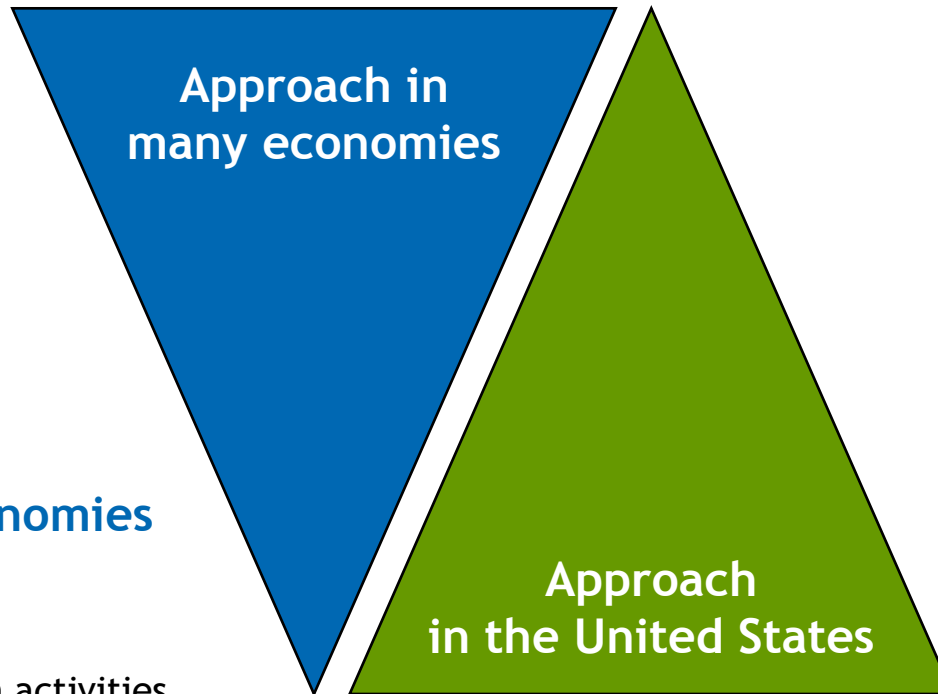


- The American National Standards Institute coordinates standards, conformity assessment, and related activities in the United States of America
- Founded in 1918, ANSI is a private, non-profit organization
- ANSI is not a government agency or a standards developer (SDO)
- U.S. member body / representative:



U.S. Standards and Conformity Assessment System

private-sector leadership



Many other economies
Top Down

Standards bodies
drive standardization activities

United States
Bottom Up

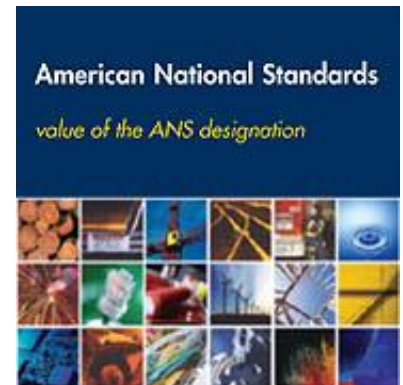
Standards users drive
standardization activities

U.S. Standards System

a market-driven approach



- In the U.S. alone, there are more than 100,000 standards
- These documents are being developed by:
 - standards developing organizations (SDOs)
 - 226 ANSI-accredited standards developers
 - over 500 consortia
 - thousands of committees
- Over 10,000 American National Standards
- Learn more: www.ansi.org/ansvalue



Who Participates in Standards Development?



- Businesses
 - Government Agencies
 - Consumer Groups
 - Trade Associations
 - Academia
- Engaging small-to-medium enterprises:
 - Focus for ANSI-accredited standards developers
 - In some cases, **over 50%** of participants work for SMEs
 - Provide web-based options and other resources
 - Similar mechanisms for consumers

U.S. Standards and Conformity Assessment System

the public-private partnership

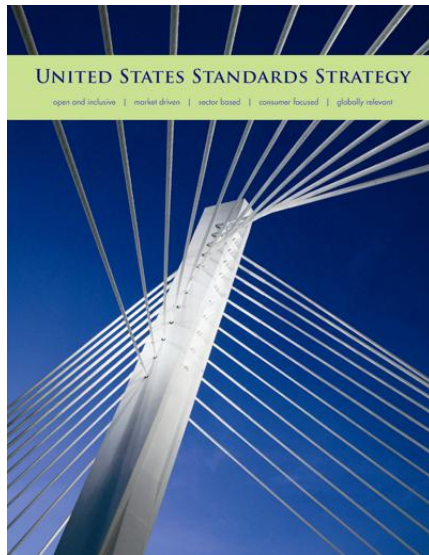
- System is private-sector led
 - Government agencies actively use standards and participate
- **National Technology Transfer and Advancement Act (NTTAA)**
 - Encourages each government agency to seek existing private-sector standards that are appropriate for its purpose and mission
- **Nearly 10,000** standards incorporated by reference into regulation



U.S. Standards and Conformity Assessment System

reliable - flexible - responsive

- Market driven
- Flexible and sector-based
- Industry-led and government-supported



This system is designed to . . .

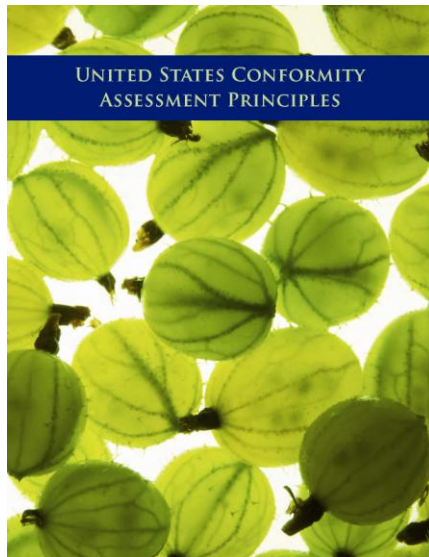
- **Support** a broad range of stakeholder engagement
- **Address** emerging priorities and new technologies
- **Allow** stakeholders to find the solutions that best fit their respective needs

As defined in the *United States Standards Strategy*
www.us-standards-strategy.org

U.S. Standards and Conformity Assessment System

reliable - flexible - responsive

- The United States Conformity Assessment Principles (USCAP) document explains key aspects of compliance verification.



The USCAP is a guidance document that can be considered in conjunction with the *United States Standards Strategy*.

United States Conformity Assessment Principles
www.ansi.org/uscap

U.S. Standards System

guiding principles



- Standards enhance consumer health, safety, and protection of the environment
- Standards should meet societal and market needs and should not be developed to act as barriers to trade
- The U.S. endorses the globally accepted standardization principles of the World Trade Organization Technical Barriers to Trade Agreement
 - Transparency
 - Openness
 - Impartiality
 - Effectiveness and relevance
 - Consensus
 - Performance-based
 - Coherence
 - Due process
 - Technical Assistance
 - Flexible
 - Timely
 - Balanced



The Multiple Path Approach

different tools for globally relevant standards



National Participation (one country one vote)	Direct Participation	Consortia
<ul style="list-style-type: none"> ▪ Treaty Organizations ▪ Non-Treaty Organizations 	<ul style="list-style-type: none"> ▪ Nationally Accepted ▪ Internationally Accepted 	<p>Examples</p> <p>IGRS, W3C, etc.</p>
<p>Examples</p> <p>ISO, IEC, ITU, CODEX, etc.</p>	<p>Examples</p> <p>ASTM International, ASME, IEEE, SAE, etc.</p>	



for more information

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