



An Introduction

American National Standards Institute (ANSI)

American National Standards (ANS) Process



Presented by:
Anne Caldas, February 27, 2013



- 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)
 - ANSI is the US Member Body to ISO and through the USNC to the IEC
- **ANSI's mission** is to enhance the global competitiveness of U.S. business and the American quality of life by promoting and facilitating voluntary consensus standards and conformity assessment systems and ensuring their integrity.



- Represents U.S. globally
- Ensures integrity of the standards and conformity assessment system
- Accredits standards developers and conformity assessment organizations
- Approves standards as ANS
- Offers neutral forum
- Coordinates partnerships between U.S. public and private sectors
 - Cross-sectoral issues
 - GAP analysis
 - Roadmaps...and more

ANSI Panels, Forums, and Workshops



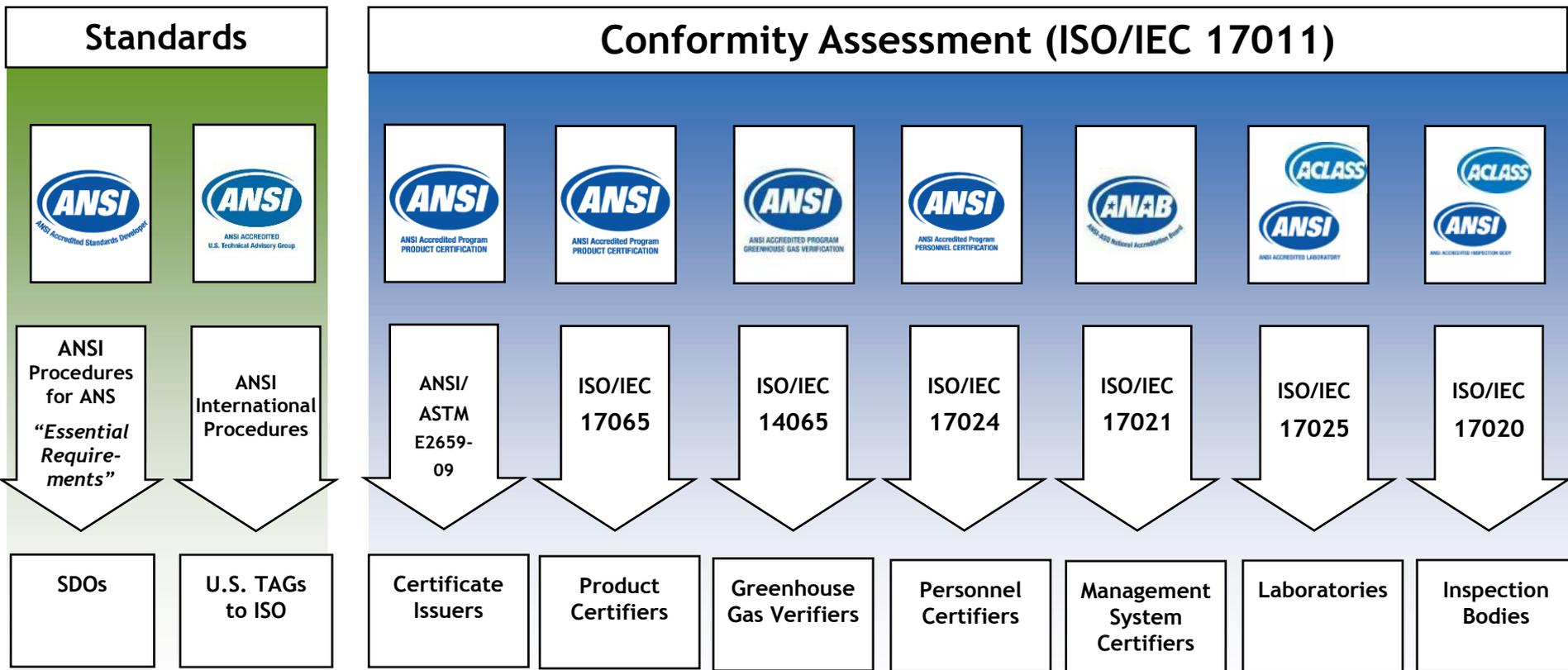
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| <p>1994</p> <p>Information Infrastructure Standards Panel</p> | <p>2003</p> <p>Homeland Security Standards Panel</p> | <p>2004</p> <p>Nanotechnology Standards Panel</p> | <p>2005</p> <p>Healthcare Information Technology Standards Panel</p> | <p>2006</p> <p>ID Theft Prevention and ID Management Standards Panel</p> | <p>2007</p> <p>Biofuels Standards Coordination Panel</p> |
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| <p>2007</p> <p>ANSI Network on Chemical Regulation</p> | <p>2009</p> <p>Workshop Toward Product Standards for Sustainability</p> | <p>2009</p> <p>ANSI-NIST Nuclear Energy Standards Coordination Collaborative</p> | <p>2010</p> <p>The Financial Management of Cyber Risk</p> | <p>2011</p> <p>ANSI Electric Vehicles Standards Panel</p> | <p>2012</p> <p>ANSI Energy Efficiency Standardization Coordination Collaborative</p> |
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American National Standards Process



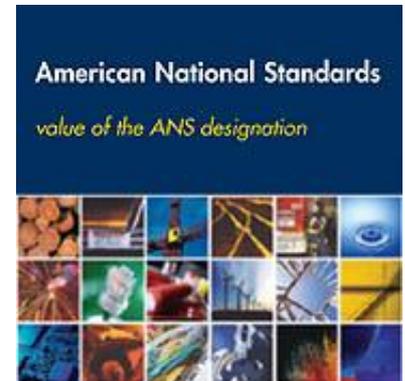
ANSI's Accreditation Roles



American National Standards (ANS)



- 226 ANSI-accredited standards developers (ASD)
 - ANSI Accreditation as a standards developer relates to procedures
 - Only ASDs may submit standards for approval as ANS
 - Not all standards developed by ASDs are submitted for consideration as ANS - this is the ASD's choice
 - All ANS processes (only) are subject to ANSI's neutral oversight including a routine audit of ANS and an annual compliance review of accredited procedures
 - Over 10,000 ANS in broad range of sectors
- Learn more: www.ansi.org/ansvalue

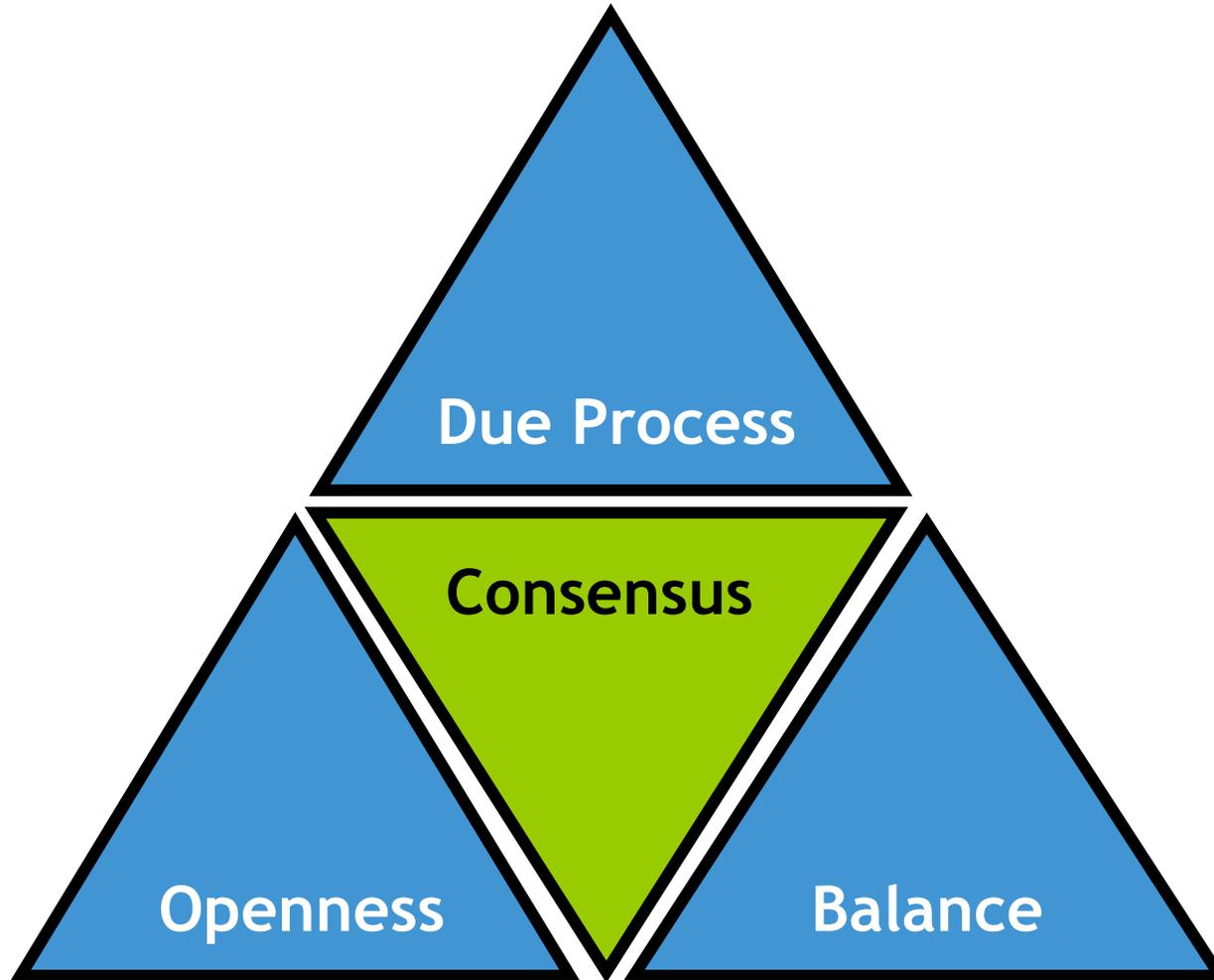


ANSI Essential Requirements



- *ANSI Essential Requirements: Due process requirements for American National Standards* (www.ansi.org/essentialrequirements)
 - Procedures that govern the American National Standards process:
 - Accreditation of standards developers
 - Approval and maintenance of standards as American National Standards (ANS)
 - Core due process requirements: openness, balance, lack of dominance, consensus vote, coordination, notification of standards development, written procedures and appeals
- Significant flexibility in models of ANS consensus development exists - one size does not fit all
 - Meeting types (if any), size of consensus group; duration of ballots; levels of review; voting requirements; comment submittal; appeals procedures

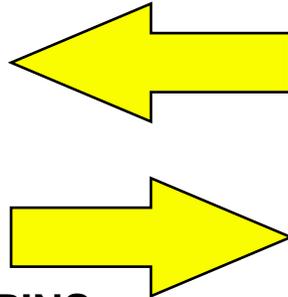
ANS Cardinal Principles



ANS Development Cycle Overview

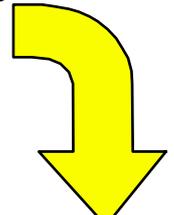


PINS Announcement; PINS Deliberation

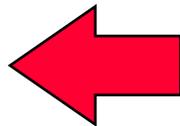


Public Review (BSR-8); Consensus vote

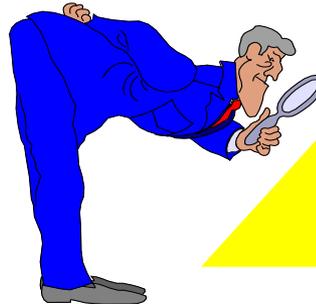
Consideration of Views & Objections; Recirculation; Complete SDO Appeals



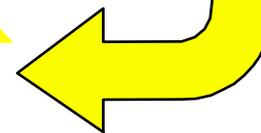
ANSI Appeals; Publication; & Maintenance



Approval



Review of Due Process Requirements by BSR



What is the benefit of an ANS?



- The ANS process encourages broad stakeholder engagement, which results in better acceptance and use of a standard
- Consensus building may take time but serves and protects the public interest since a standards developer accredited by ANSI must meet the Institute's requirements for openness, balance, consensus and other due process safeguards
 - ANS = Voluntary Consensus Standard as defined in OMB A119
 - ANS are subject to ANSI's neutral oversight including:
 - Regular procedural audits
 - Annual Compliance Certification
 - Public notice requirements - ANSI Standards Action www.ansi.org/standardsaction
 - Review by - and the right to appeal to - ANSI Program Oversight Committees

Online Resources



- ANSI Online: www.ansi.org
- ANS Key Steps: www.ansi.org/anskeysteps
- ANSI Essential Requirements: www.ansi.org/essentialrequirements
- ANSI Accreditation Programs: www.ansi.org/accreditation
- Public Review – ANSI Standards Action: www.ansi.org/standardsaction
- ANS Value: www.ansi.org/ansvalue
- ANSI-Accredited Standards Developers: www.ansi.org/asd
- ANSI Standards Action: www.ansi.org/standardsaction
- Free training: www.standardslearn.org
- Questions: psa@ansi.org
- Follow us on Twitter: www.twitter.com/ANSI_PSA
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for more information

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