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# Standards in Support of Accessible Innovation

15 May 2018 – Okayama, Japan  
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[www.astm.org](http://www.astm.org)

# PASC Workshop - Economic Session



## How does standardization open the door for innovative technologies?

- How can standards be used to develop a framework and establish rules and procedures in a new industry without legislation?
- How can standards give advantage to both providers and users/consumers?
- What issues do you address to involve relevant stakeholders who have less experience and knowledge about standardization?
- How can stakeholders from different industries work together when they come from different sectors and use different business models?



# An Introduction to ASTM International



## An International SDO

- 12,700+ ASTM standards operate globally
  - Across borders, disciplines, and industries
  - For materials, products and processes, systems and services
- Assisting a wide range of stakeholders – businesses, governments, manufacturers, innovators, consumers
- Harnessing the expertise of over 30,000 members
  - We recognize expertise, not geographic
- Also offering value-added products beyond standards
  - Proficiency testing
  - Training
  - Certification

## A Consistently Applied, Globally Relevant Process

- Our voluntary consensus process is consistently applied
  - Giving everyone an opportunity to participate
  - Ensuring standards are effective and relevant across diverse markets, sectors, and boundaries
- Embracing all the principles of the WTO's Agreement on Technical Barriers to Trade for international standards development
- Incorporated into contracts, regulations, codes, and laws
- Supporting free and fair trade in established and emerging economies

# ASTM Activities in Innovative Areas



# How can standards be used to develop a framework and establish rules and procedures in a new industry without legislation?



Provide a neutral forum for stakeholders in search of solutions

Engage early with a broad range of stakeholders – public and private; engage often to understand needs

Inspire confidence; apply process consistently; educate regularly

Inspire confidence, enable early adoption where there is need; legislation may/will follow

# How can standards give advantage to both providers and users/consumers?



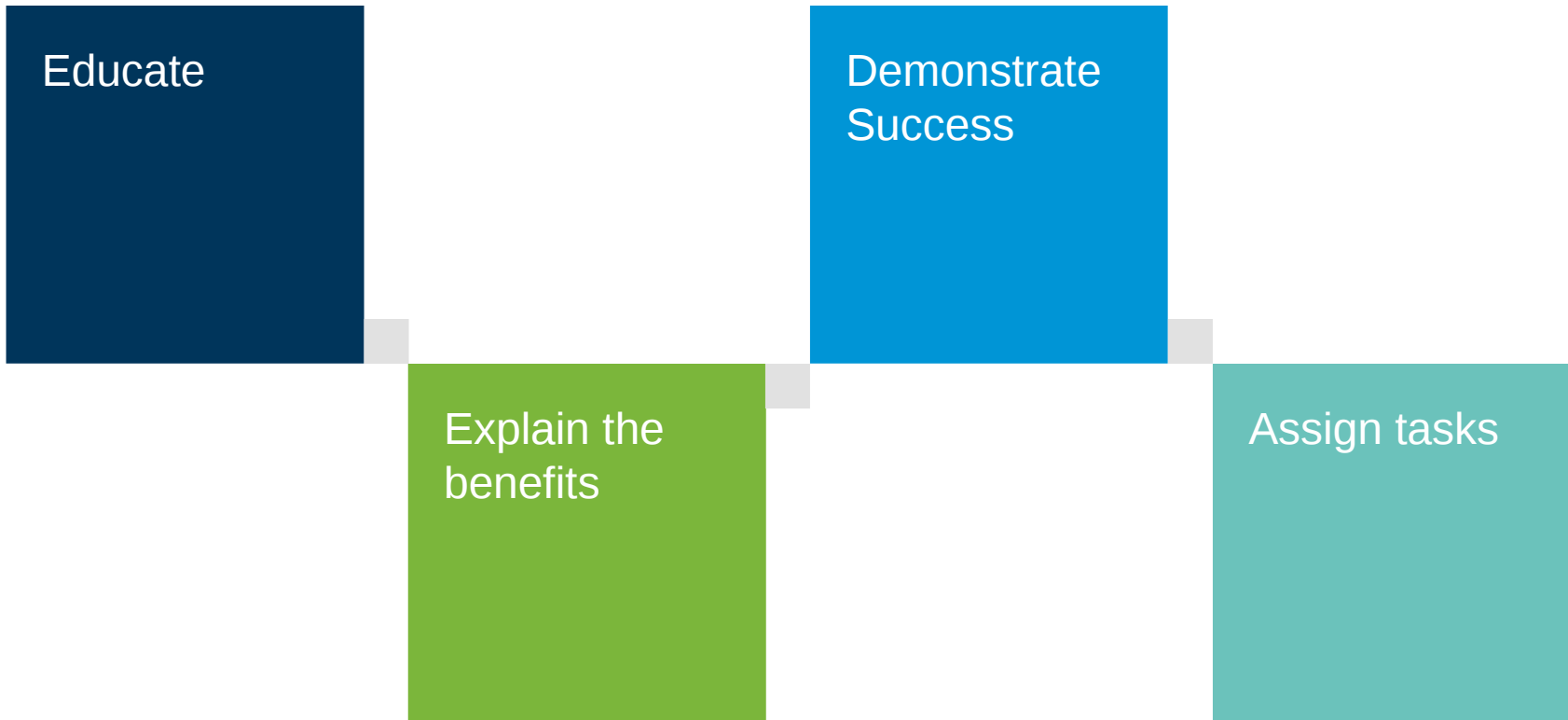
Include a wide range of stakeholders in developing the solution

Develop a consensus solution that can be revised when needed

Balance the engagement – no stakeholder has extra influence

Create unified information, based on expressed needs, for all to use

# What issues do you address to involve relevant stakeholders who have less experience and knowledge about standardization?



# How can stakeholders from different industries work together when they come from different sectors and use different business models?



Invite broadly and openly communicate

Offer electronic tools and digital output to support collaboration

Offer value, convenience, efficiency, economy

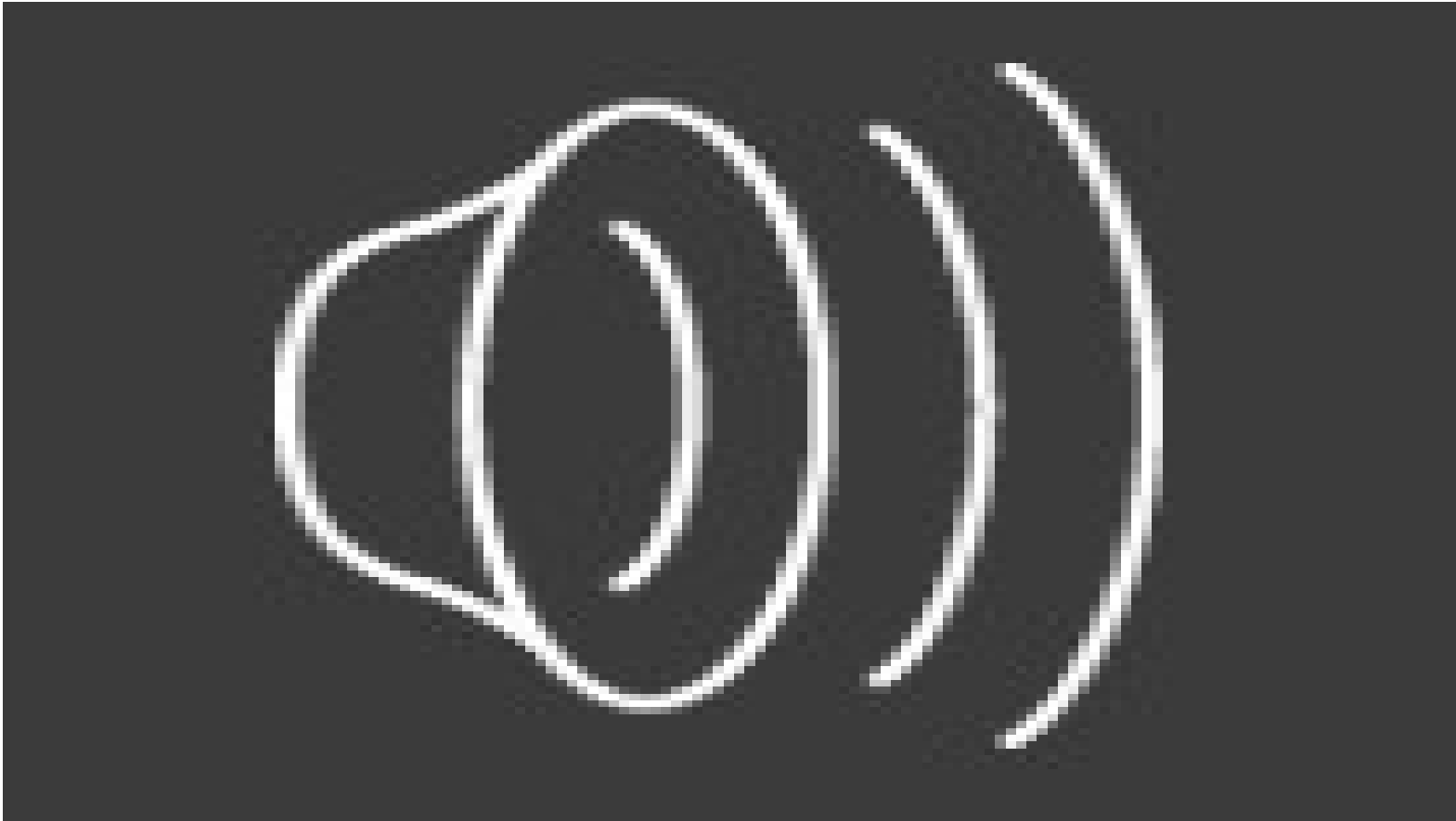
Be flexible in the form of your solutions; apply partnerships where needed



# Just one example



In their words...





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# Thank you

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