

Strengthening U.S. leadership in international standardization in critical and emerging technologies

James H. Dickerson
Director

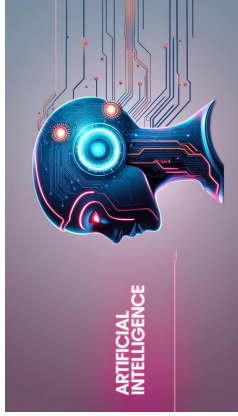
Advancing Standardization for Critical and Emerging Technologies

Launched in January 2025, ASCET seeks to stimulate U.S. leadership and engagement in the private sector-led international standardization system for critical and emerging technologies:

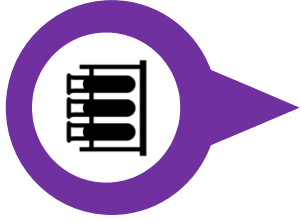
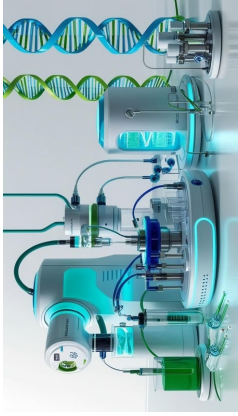
- Supporting U.S. industry priorities through tools, training, and targeted initiatives;
- Accelerating the development and global adoption of impactful, industry-driven international standards;
- Broadening and diversifying U.S. stakeholder engagement;
- Cultivating a new generation of standardization engaged experts.
- ASCET resides within ASTM International as part of a Cooperative Agreement with the National Institute of Standards and Technology (NIST)

Critical and Emerging Technologies in Focus

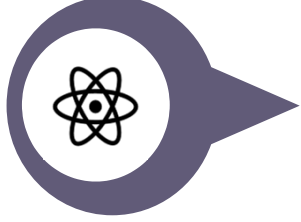
Artificial Intelligence



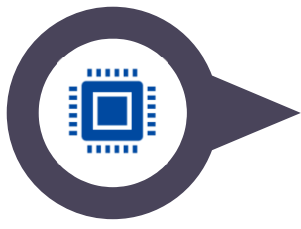
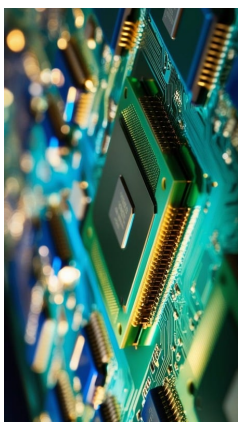
Biotechnology



Quantum Technologies

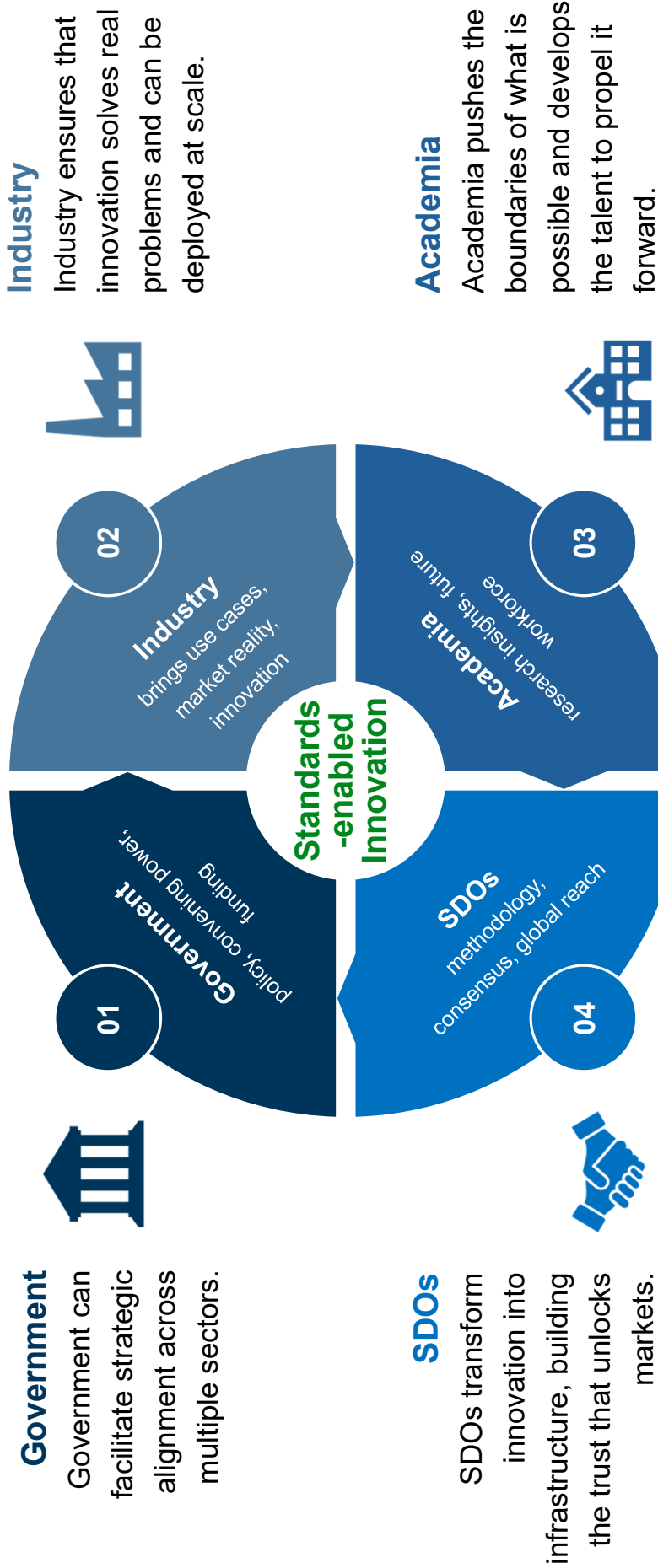


Semiconductors & Microelectronics



Strengthening Ecosystem to Scale Innovation

Each sector contributes a critical component. **Standards connect them all.**



Primary Objectives

1

Pre-standardization Engagement

Engage and support private sector-driven participation in international standardization

2

Information & Data Sharing Hub

Enable real-time insight sharing across CET domains

3

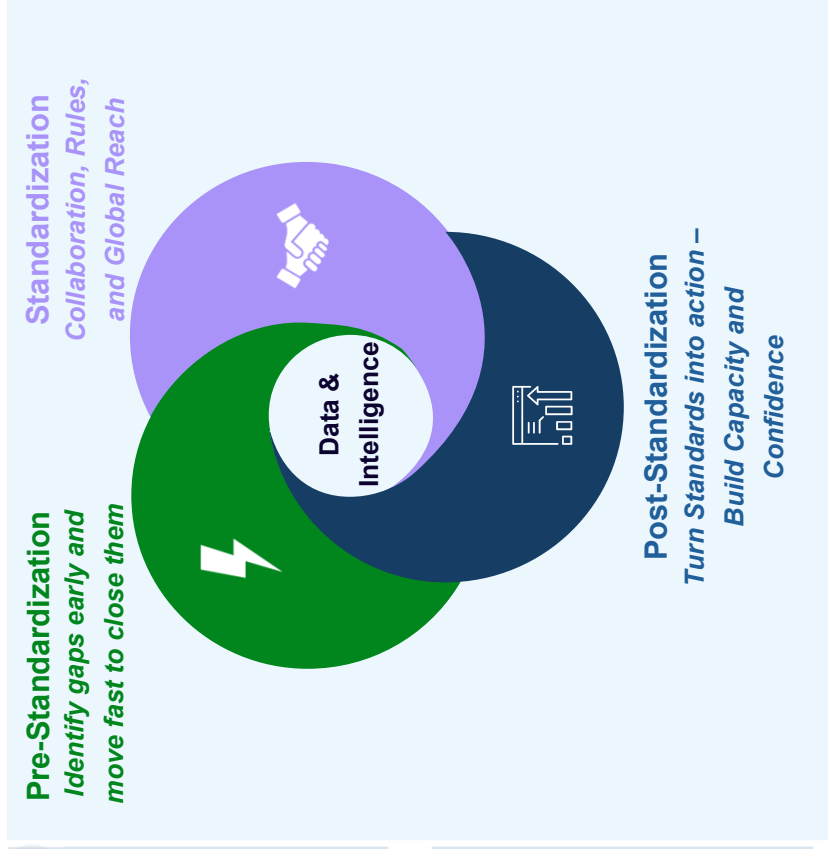
Workforce Capacity Building

Develop pipeline of professionals and decision-making executives who lead in standardization

4

Collaborative Pilot Programs

Collaborative pilot programs w/ NIST to accelerate development of industry-driven standards



Importance of the ASCET CoE Partner Organizations

Committed Organizations

–Extensive Experience	–ASTM	–ANSI
–Diverse Expertise	–NIST	–ASME
–Global Networks	–Nexight Group	–CSA
–Commitment to Innovation and Safety	–A3	–IEEE
–Building a Skilled Workforce		–UL
–Driving Collaborative Success		

Core Team

- **Director**
Dickerson
- **Program Manager**
Bloomquist
- **Industry Engagement Manager**
Knopes
- **Education & Workforce Development Manager**
Amy Lee
- Principal Investigator of ASCET CoE
- Program Strategy
VP
- Global Cooperation, Policy, and Communication
VP
- Business Development and Strategic Relationships
- Operations Manager
Meyers
- Industry Consortium Director
[REDACTED] Global Business Development
- Corporate Communications

November 19, 2025
Bergels

Current Administration

Dr. James H.

Sarah

Andy

Dr. Mohsen Seifi, ASTM VP
Brian Meincke, ASTM

Jeff Grove, ASTM

Sergio Sanchez
Ethan

Richard Huff
Leonard Morrissey
Daniel

Mark ...

ASCET CoE Phased Growth At a Glance



Selected Phase 2 Endeavors During Q4-CY2025

Accelerate Ecosystem Engagement:

- Attend Conferences (some with presentation opportunities) to Promote ASCET
 - GAI World, Boston, Sept. 29-30
 - ANSI Innovation Summit, Oct. 21-23
 - QED-C, New York, Nov. 5-6
 - CES, Las Vegas, Jan. 2026

Stakeholder Engagements:

- Introduce 1-2 Hour Workshop, coupled with CET conferences, to engage stakeholder groups
- Develop 4-Hr & 8-Hr stand-alone workshops for 2026

Information Data Hub:

- Launch Data Hub
 - Populate with content from partners

Media Engagement:

- Regulating AI Podcast, Published late September
- Regular cadence of press releases
- ASCET presence on Social Media
 - LinkedIn
 - Instagram

Contact Us!

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Email: ascet@astm.org

LinkedIn: [ascet-center-of-excellence](https://www.linkedin.com/company/ascet-center-of-excellence)