



Mobility, Advanced™



Standards

A Return on Investment

Future-proof your business

Accept the challenge of advancing mobility engineering

Invest to Take the Lead

Lead the Technological Advancements of Tomorrow.

The industry is changing at a rapid pace. Participation in SAE standards committees means you are at the forefront of what's happening, as it's happening. Industry, research, and government collaborate to set the baseline for innovation. Gain insights into technology development across the industry spectrum and demonstrate your organization's technology leadership.

Your Seat at the Table is Powerful.

SAE standards are cited in more than 1,000 international, European, and US regulations and certification criteria, and are extensively referenced in government procurement. Strong involvement in the development of standards means you – as well as your competitors – have a say. Standardization raises the quality bar, while collaboration builds strong and robust supply chains.



1,000 +

SAE Standards
Referenced in
Aviation & Ground
Vehicle Regulation



9,800 +

Total
Standards



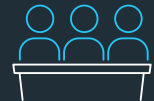
59

Countries
Participating



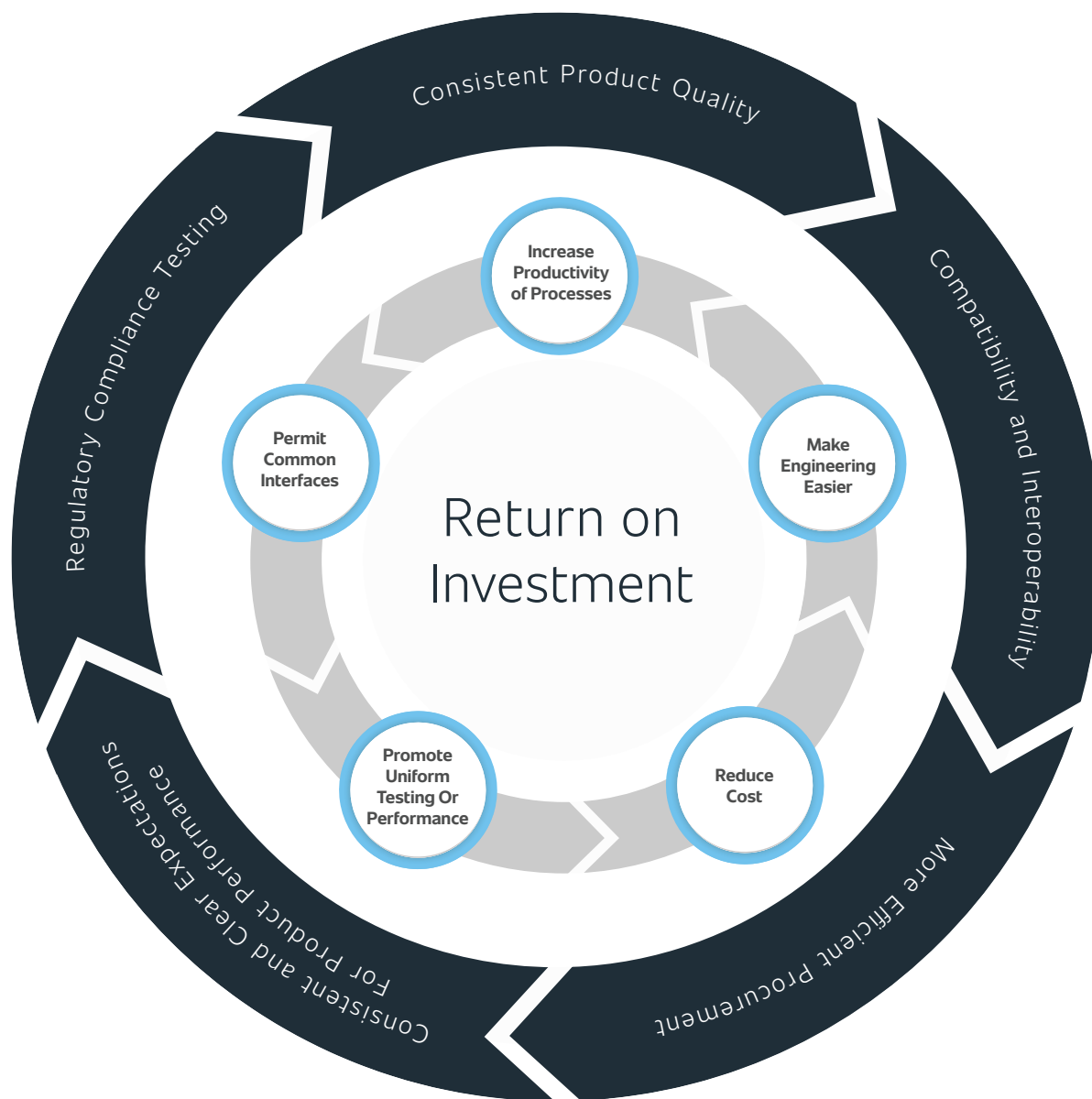
3,400 +

SAE Standards
Adopted by US DoD
for Procurement



400 +

Technical
Committees





Return on Investment: Efficiency Through Collaboration

Over 5,000 companies – including 50 OEMs – participate in SAE standards development. Committee participation involves learning, networking, creating and refining, with engineering costs spread across industry. Committees are comprised of professionals from every part of the value chain.

Workforce Development for a New Age of Engineering

Standards are a business process that are a key part of employee development. This requires investment in time, travel, and staff development. Greater investment and management support for your employees' time and opportunity produces significant ROI.

Number of Standards* in Key Areas

5+

Systems Engineering
& Systems Safety



25+

Hydrogen



35+

Additive Manufacturing



70+

Automation & Autonomy



70+

Connectivity



99+

Electrification



*The term "standards" refers to published documents that include technical information reports, recommended practices, and standards.



Support Your Engineers. Compete Globally.

When your organization participates in the standards development process, you are investing in your staff's development and providing leadership opportunities. Exposure to and networking with the world's top experts from across the industry reduces the skills gap and inspires participants to learn from their peers, creating relationships that benefit your company.

Your employees will have the opportunity to take visible leadership roles – and showcase your company as an industry leader. Investment in committee opportunities supports career development and talent retention.

Be a standards champion.

Global Impact of Standards^{*} Development

Through the 2001 deployment of SAE Aerospace Engine Supplier Quality standards and training, the aerospace industry estimates savings of more than **\$50 million**.^{**}

SAE is standardizing the automotive EV charging system to be adopted by global OEMs for new designs through **SAE J3400™ Recommended Practice**.

Over 24,000 aerospace sites around the world are accredited to the **SAE AS9100™ / IA9100** series of standards, published by SAE in partnership with the International Aerospace Quality Group (IAQG).

SAE ARP4754B™ and **SAE ARP4761A™ Recommended Practices** are recognized worldwide as the foundations of aviation systems safety.

Automotive companies globally use **SAE J3016™ Standard** as the criteria for vehicle automation levels.

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^{*}Source: AESQ data

To learn more, visit

sae.org/standards/development

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