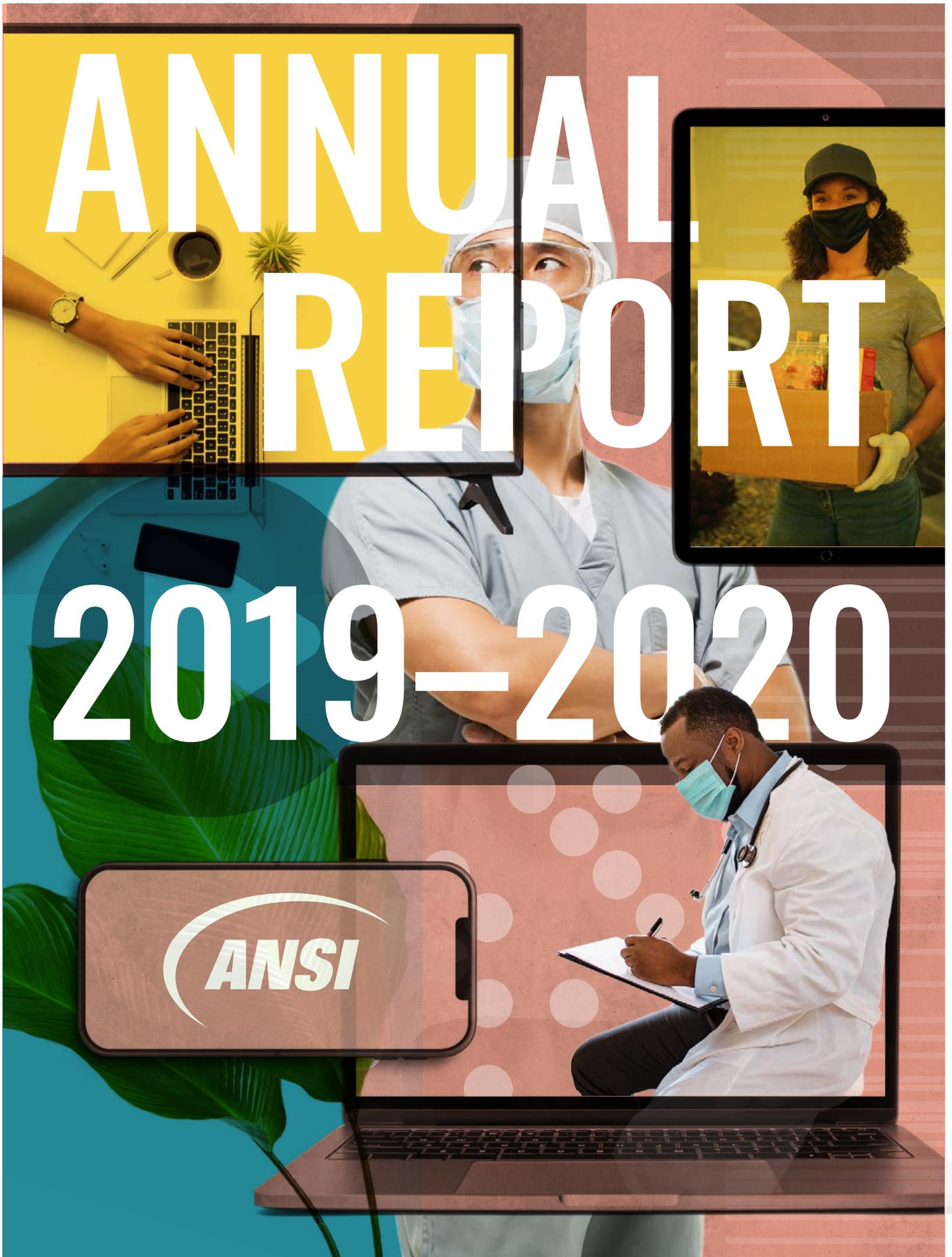


ANNUAL REPORT

2019-2020

The logo for ANSI, featuring the word "ANSI" in a bold, italicized, sans-serif font, enclosed within a white, curved, swoosh-like shape that resembles a stylized 'A' or a protective shield.

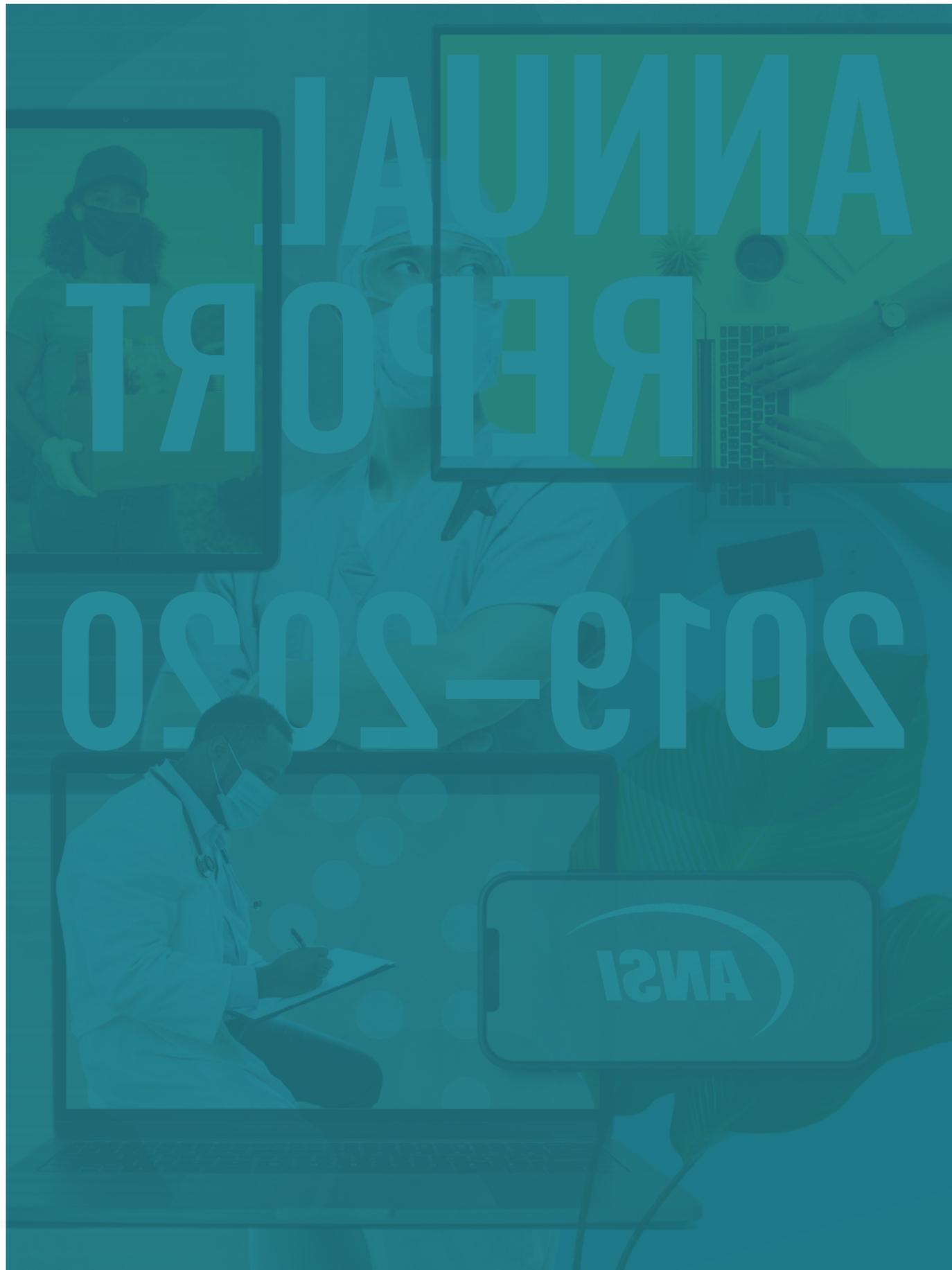


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A Letter from the ANSI President and CEO

“Individually, we are one drop. Together, we are an ocean.”

As I see it, this powerful quote from author Ryūnosuke Satoro evokes the strength of collective action that embodies the U.S. standardization community. For more than 100 years, our system has harnessed shared knowledge, diversity of perspectives, and collaboration for the greater good.

In the face of challenge and adversity, the standardization community has always charted a course to a better tomorrow, and these extraordinary times are no different. ANSI’s COVID-19 resources page gives evidence of more than 125 initiatives led by the ANSI Federation to protect public health, safety, and infrastructure and advance U.S. growth and recovery. The Institute has also been proud to speed global response efforts by providing access to critical ISO and IEC standards for medical equipment and devices; personal protective equipment; and building management, security, and resilience.

Standards and conformance activities are also playing a central role in providing confidence in the integrity of goods and services amid the pandemic. Clinical pathologists and medical technicians at the forefront of COVID must earn an accredited credential attesting to their competence, in accordance with standards and accreditation procedures. Similarly, medical device manufacturers and diagnostic healthcare labs must adhere to relevant U.S. or international standards, and compliance to them.

Every challenge that the world has ever faced—no matter how difficult or trying—has ultimately brought about advancements. And at every step of modern history, standardization has played an essential role in this progress. As the world continues to adapt and respond to the challenges of COVID-19, the U.S. standardization community—with the strength of its many voices and collaborative solutions—will no doubt continue to make the world better, safer, and stronger. Thank you for your dedication and commitment to improving the world through standardization.

I also extend my tremendous appreciation to Russ Chaney for his extraordinary leadership as chair of the ANSI Board of Directors for the last three years. It has been an honor to work alongside him and the entire exceptional Board to further enhance ANSI’s ability to serve the standardization community and the nation.

Joe Bhatia



GP Russ Chaney



A Letter from the ANSI Chair of the Board

Standardization is perhaps more essential today than at any time in our nation’s history. Standards and conformance are essential to public health and safety. They form the backbone of a sound economy—enhancing the competitiveness of U.S. industry and stimulating global trade.

The challenges of the COVID-19 pandemic have underscored what I’ve always known to be true: The U.S. standardization community is adaptable, flexible, nimble, and strong—always looking ahead, never back. It is this forward-looking posture, the belief that better solutions come about by collective action, that contributes to the betterment of our lives, as individuals and as a nation.

Looking to the future, ANSI has been leading its five-year review and update to the *United States Standards Strategy* (USSS), working to assure that it continues to meet the needs of diverse U.S. interests, and that it reflects current and upcoming national and international priorities, technological advancements, industry growth areas, and relevant U.S. government policy updates.

Reflecting the strength and diversity of the U.S. standardization system, broad stakeholder input has been a central focus of the USSS revision process, including wide circulation among ANSI members and the broader standardization community, and a public comment period. The ANSI Board of Directors is expected to approve the updated *Strategy* by the end of the year.

On behalf of ANSI leadership and staff, I’d like to extend our deepest appreciation to everyone who contributed input and feedback and to the members of the USSS task force who dedicated their time and expertise to assist ANSI staff in managing the revision. All of these efforts will undoubtedly result in a *Strategy* that will effectively guide how the U.S. develops standards and participates in the international standards-setting process for the years to come.

Over the course of my term as chair, it has been an honor and privilege to work with ANSI’s governance leaders and staff to strategically position the Institute and standardization community for continued long-term success. I have no doubt that ANSI will continue to strengthen and support the vital standardization system, paving the way for an even more robust and resilient road ahead.



The American National Standards Institute (ANSI) is a private, non-profit organization that administers and coordinates the U.S. voluntary standards and conformity assessment system.

For more than 100 years, ANSI has proudly facilitated solutions that have powerful, real-world impact, and that address the most pressing issues facing the U.S. and the world. Representing the diverse interests of more than 270,000 companies and organizations and 30 million professionals, ANSI provides a neutral forum for collaboration between the private and public sectors.

ANSI also serves as the U.S. national member body to the International Organization for Standardization (ISO), the International Electrotechnical Commission (IEC) via the U.S. National Committee, and other non-treaty regional and international standards and conformity assessment organizations.

A wholly owned subsidiary of ANSI, the ANSI National Accreditation Board (ANAB) is the largest multi-disciplinary ISO/IEC 17011 accreditation body in North America, with comprehensive signatory status across the multilateral recognition arrangements of the International Laboratory Accreditation Cooperation (ILAC) and International Accreditation Forum (IAF). The ANAB accreditation portfolio includes management systems certification bodies, calibration and testing labs, product certification bodies, personnel credentialing organizations, forensic test and calibration service providers, inspection bodies, police crime units, greenhouse gas validation and verification bodies, reference material producers, and proficiency test providers.

Workcred's vision is a labor market which relies on the relevance, quality, and value of workforce credentials for opportunities, growth, and development. It supports efforts to strengthen workforce quality by improving the credentialing system, ensuring its ongoing relevance, and preparing employers, workers, educators, and governments to use it effectively.



ANSI's Mission is to...

enhance both the global competitiveness of U.S. business and the U.S. quality of life by promoting and facilitating voluntary consensus standards and conformity assessment systems, and safeguarding their integrity.

Overview of ANSI's Roles

Domestically

Coordinates and ensures integrity of the standards and conformity assessment system

Serves as a bridge between public and private sectors

Offers a neutral forum and assures fairness

Accredits SDOs and approves American National Standards

Internationally

Represents the U.S. around the world

Serves as the official U.S. representative in international and regional standardization forums

Facilitates access by U.S. experts, organizations, and industry, and promotes U.S. interests

Coordinates standards capacity-building efforts in developing countries

Our Strategic Priorities

ANSI's priorities serve to strategically position the Institute and U.S. standardization community for long-term success. These priorities shape all of ANSI's activities throughout the year:

- » Assert U.S. Leadership Role in the Regional and International Standardization Community
- » Enhance U.S. Competitiveness and Innovation through Standards and Conformance
- » Serve as a Bridge between Public-Sector Policies and Private-Sector Solutions
- » Support and Protect the Standards Ecosystem
- » Expand Understanding of ANSI's Role in the Marketplace, Engage New and Existing Constituents



SPEEDING GLOBAL COVID-19 RESPONSE EFFORTS

Power of Collective Action: ANSI Federation Making a Difference in Combatting COVID-19

From vaccine development efforts to resources supporting water and safer building re-openings, to a newly formed task force to increase understanding of the ability of the virus to persist in the environment—these are just a few of the examples of how the ANSI Federation is advancing public health, safety, infrastructure, and innovation during the pandemic. In addition to new guidance and standards development activities targeted at COVID-19, a number of ANSI-accredited standards developers also moved to make standards and resources freely available to speed timely, rapid, and efficient response efforts.

ANSI's COVID-19 Resources Webpage

ANSI is proud to highlight the tremendous efforts being carried out by the ANSI Federation, and will continue to promote these efforts among key audiences and the public.

FEATURING **125+** EXAMPLES
FROM **80+** ORGANIZATIONS
VIEWED **9,000+** TIMES

ANSI Portal for Freely-Available ISO and IEC Standards

To help speed global response efforts to COVID-19, ANSI launched a portal in March to provide free, read-only access to key IEC and ISO standards. The included standards are in demand because they also support regulatory approvals. The portal was used by manufacturers, government agencies, national laboratories, research institutions, and universities. Several big health supply chain organizations changed their training approaches after referencing it. The portal has had more than 10,900 downloads to date, with the value of the freely available downloads totaling nearly \$2.5 million. ANSI will continue to maintain the portal, adding standards as needed, throughout the pandemic.

37 STANDARDS COVERING:



Medical equipment and devices, including ventilators and respiratory equipment



Business continuity management, security, and resilience



Protective clothing used in healthcare settings

ACCESSED BY ORGANIZATIONS IN **76**
DIFFERENT COUNTRIES AROUND THE WORLD

International Development Programs under COVID-19

In light of COVID-19-related travel and meeting restrictions, ANSI's international development programs adapted to fulfill project goals with innovative solutions:



U.S.-China Standards and Conformity Assessment Cooperation Program (SCACP) hosted a virtual workshop bringing U.S.-based SDOs and industry representatives together with Chinese regulators, standards developers, and companies to discuss the regulatory environment and technical solutions related to emergency management.

VIRTUAL TRAINING COURSES REPLACED IN-PERSON EVENTS IN:



Cote d'Ivoire: sustainable city planning



South Africa and 17 other countries: water, sanitation, and hygiene (WASH)



India: solar photovoltaic (PV) technologies



Zambia: risk-based analysis and regulatory impact assessment



Senegal: solar energy

Supporting Medical Device Standardization and Good Regulatory Practice

Reducing barriers to U.S. medical device exports—including COVID-19 testing kits—and improving governments' acceptance of international standards for medical equipment are just two of the anticipated outcomes of a USAID grant to the **Standards Alliance: Phase 2 (SA2)**, a public-private partnership between ANSI and USAID. In total, USAID has committed more than \$1 billion to fight the pandemic worldwide; \$3.5 million of federal and corresponding private sector funds have been obligated to the SA2 in recognition of the importance of standardization to global response and recovery efforts.



Going Virtual: Enabling Greater Participation

When the coronavirus brought travel and in-person meetings to a halt, the world of work quickly went virtual—a transition made seamless by standards for information and communications technologies (ICT). For its part, the standardization community was adaptable and productive as ever.

In fact, virtual meetings enabled a greatly increased number of global delegates participating in ISO committees for which ANSI provides the secretariat:

Artificial Intelligence

+33% INCREASE

Health Informatics

+30% INCREASE

Earth-Moving Machinery

+69% INCREASE

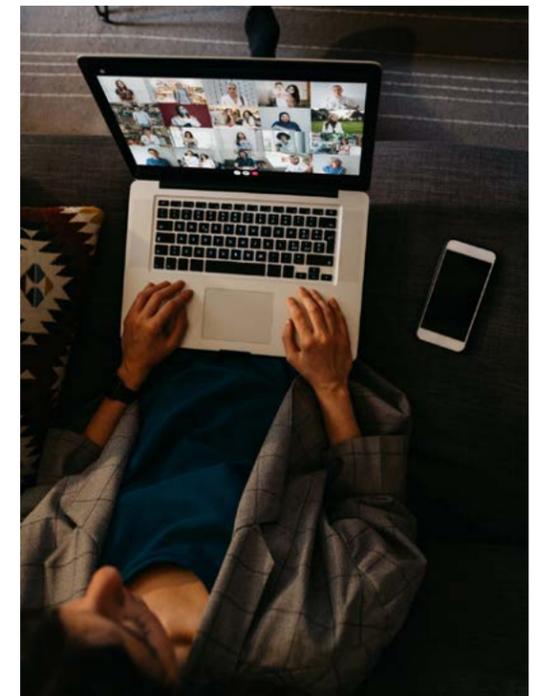
Tractors and Machinery for Agriculture and Forestry

+107% INCREASE

ANSI also hosted a series of well-received and informative training sessions to help members, standards developers, and U.S. stakeholders participating in international activities maintain effective participation while navigating the complexities of virtual meetings.

“I appreciate ANSI’s...rapid deployment of these training sessions—timely, relevant and greatly appreciated in light of the transition to remote work due to COVID-19.”

- ANSI ISO Forum Series Participant



EXPANDING AWARENESS OF THE POWER OF STANDARDIZATION



At every opportunity, ANSI seeks to amplify to new and influential audiences the crucial role of standardization and the U.S. standardization community:

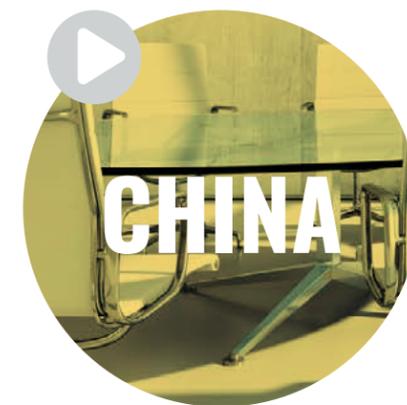
Standardization as the Underpinning of American Prosperity and Innovation

In 2020, ANSI president and CEO Joe Bhatia was a featured speaker in a series of virtual roundtable sessions examining the crucial role that standards-setting plays in shaping the long-term economic vitality of U.S. industry, hosted by the Center for Strategic and International Studies (CSIS):



May 13

highlighted the role of the U.S. standardization system in supporting innovation, addressing national and global priorities, and contributing to rapid and effective COVID-19 response efforts.



May 28

examined the growing role of China in international standards setting, and potential implications for the U.S.



July 13

explored the public-private partnership, opportunities for cross-cutting technologies like AI and 5G, China and Europe in standards-setting, and—importantly—how the use of standardization as a strategic tool in global and technical leadership can be leveraged to a greater degree in the U.S.

Congressional Outreach

In partnership with representatives from six ANSI member standards and code organizations, ANSI created an **informative brief for use in Congressional outreach**, illustrating the importance of codes and standards to public health, safety, security, and environment. The brief presents a strong, positive message on the importance of copyright protection for standards incorporated by reference into regulations.

Building Connections at Home and Abroad



February 2020

NORTH ATLANTIC TREATY ORGANIZATION (NATO) WORKSHOP IN ATHENS, GREECE,

focused on bridging the gap between NATO's use of military specifications and voluntary consensus standards



September 2020

NATO COMMITTEE FOR STANDARDIZATION MEETING,

promoted strategic reflection and discussion on the future of NATO standardization in recognition of 70 years of Alliance standardization



June 2020

ROLE OF STANDARDIZATION IN THE POST-CORONA ERA,

hosted by the Korean Agency for Technology and Standards, a virtual workshop examining current and future opportunities for standardization to address COVID-19



October 2020

STATE OF THE DEFENSE STANDARDIZATION PROGRAM CONFERENCE,

sponsored by the U.S. Department of Defense, featuring a keynote from ANSI president Joe Bhatia on standardization as a driver of innovation

Consumer Outreach and Engagement

Consumer voices in standards development are vital, providing first-hand perspectives on how products and services are perceived and used. While the current climate of virtual standards development meetings has enabled greater consumer participation—domestically and internationally—greater consumer engagement remains a priority for the standardization community.

- » A recommended best practices guide for enhancing consumer participation is the ultimate goal of a series of virtual roundtables that ANSI is hosting in 2020 and 2021.
- » In the international arena, ANSI has also undertaken activities to increase consumer recruitment and engagement, including through ANSI Consumer Interest Forum members' participation in the revision of ISO/IEC Guide 76, *Development of service standards—Recommendations for addressing consumer issues*, which helps standards developers consider the needs of consumers in standards for the service sector.

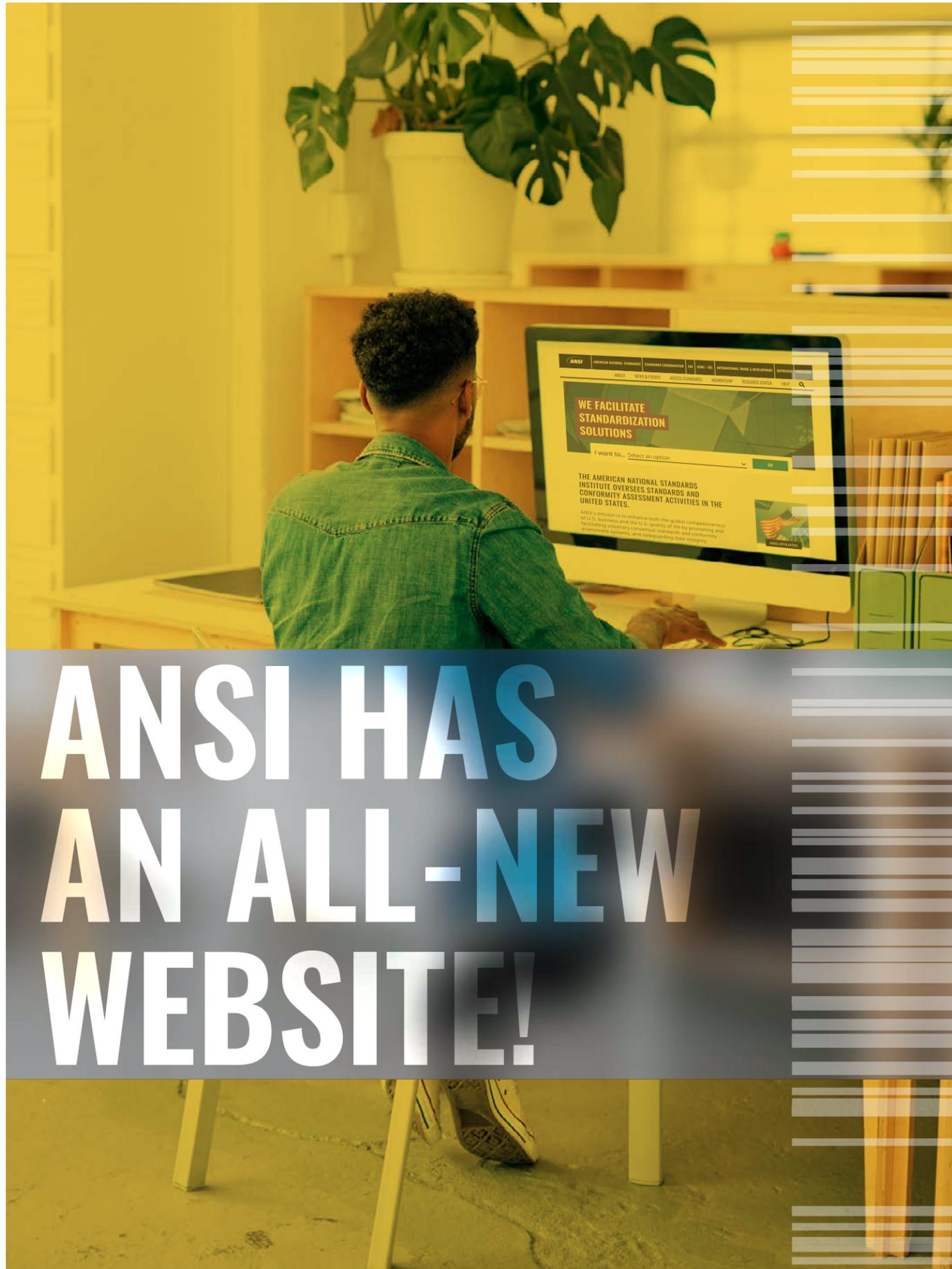


Engaging the Next Generation of Standards Professionals

Engaging and preparing the next generation of standards professionals is a top priority for ANSI and the standardization community alike. Students and young professionals who understand the strategic importance of standardization are an asset to industry, government, and U.S. competitiveness at large.

- » To introduce undergraduate and graduate students to the power of standardization, ANSI sponsored Setting Standards: A Simulation Exercise in Strategy and Cooperation in Standardization Processes, in conjunction with Indiana University Purdue University Indianapolis (IUPUI) and Purdue University. Students explored the analytical and practical skills needed to engage successfully in standards negotiations and left with a deeper understanding of standardization's complexities and benefits of participation.
- » The USNC Young and Emerging Professionals (YEP) Committee is actively creating a framework for a national standards and conformity assessment program for young and emerging professionals in the United States.





ANSI HAS AN ALL-NEW WEBSITE!

ANSI completed its highly-anticipated redesign of ansi.org in September 2020. The new, mobile-friendly website has received a complete makeover in navigation, design, search, and content presentation, creating a logical, fresh, and engaging user experience. Users can now navigate through the broad range of ANSI programs and activities with ease, have quick access to most immediate actions and up-to-the-minute information, interact with the site, and continuously provide feedback for ongoing improvement.

The screenshot shows the ANSI website homepage. At the top is a navigation menu with the following items: ANSI, AMERICAN NATIONAL STANDARDS, STANDARDS COORDINATION, ISO, USNC / IEC, INTERNATIONAL TRADE & DEVELOPMENT, OUTREACH, and EDUCATION. Below this is a secondary navigation bar with: ABOUT, NEWS & EVENTS, ACCESS STANDARDS, MEMBERSHIP, RESOURCE CENTER, HELP, and a search icon. The main banner features a blue geometric background with the text 'WE FACILITATE STANDARDIZATION SOLUTIONS' in white. Below the banner is a search bar with the text 'I want to... Select an option' and a 'GO' button. The main content area includes the text: 'THE AMERICAN NATIONAL STANDARDS INSTITUTE OVERSEES STANDARDS AND CONFORMITY ASSESSMENT ACTIVITIES IN THE UNITED STATES.' followed by a paragraph about ANSI's mission and another paragraph about the Institute's representation of industry interests. At the bottom left of the main content is a button labeled 'ANSI'S ROLES >'. On the right side, there is a section titled 'ANSI AFFILIATES' featuring logos for 'workcred' and 'ANAB'.

TECHNOLOGY SOLUTIONS FOR THE WORLD OF TOMORROW

ANSI and the standardization community continue to be at the forefront of collaborative solutions for emerging technologies:

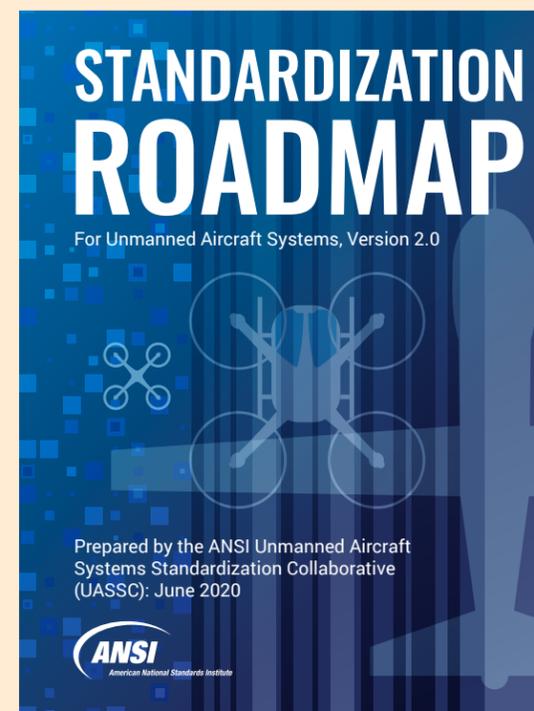


Unmanned Aircraft Systems

Once relegated to science fiction, unmanned aircraft systems—or drones—are now science fact. From rescue and military applications to sky-based monitoring, home and business deliveries, and beyond, the drone industry is expected to soar to more than \$123 billion by 2025.

Supporting the industry’s growth and the safe integration of drones into the national airspace, ANSI’s Unmanned Aircraft Systems Standardization Collaborative (UASSC) published the *Standardization Roadmap for Unmanned Aircraft Systems (Version 2.0)* in June 2020. Developed by 400 individuals from 250 cross-sector organizations, the roadmap builds upon the UASSC’s 2018 standardization roadmap Version 1.0, and cites 71 standardization gaps and associated recommendations.

Future work of the UASSC will include promotion and outreach, monitoring progress against the recommendations, and in time, initiating a roadmap update to examine new issues and significant changes.



“This updated version of the UASSC Roadmap is of great importance to the greater standards community....This coordinated approach addressing performance, safety, testing, and training for UAS systems and operators is of vital importance to the Department of Homeland Security and Homeland Security Enterprise operations, and for numerous other use cases.”

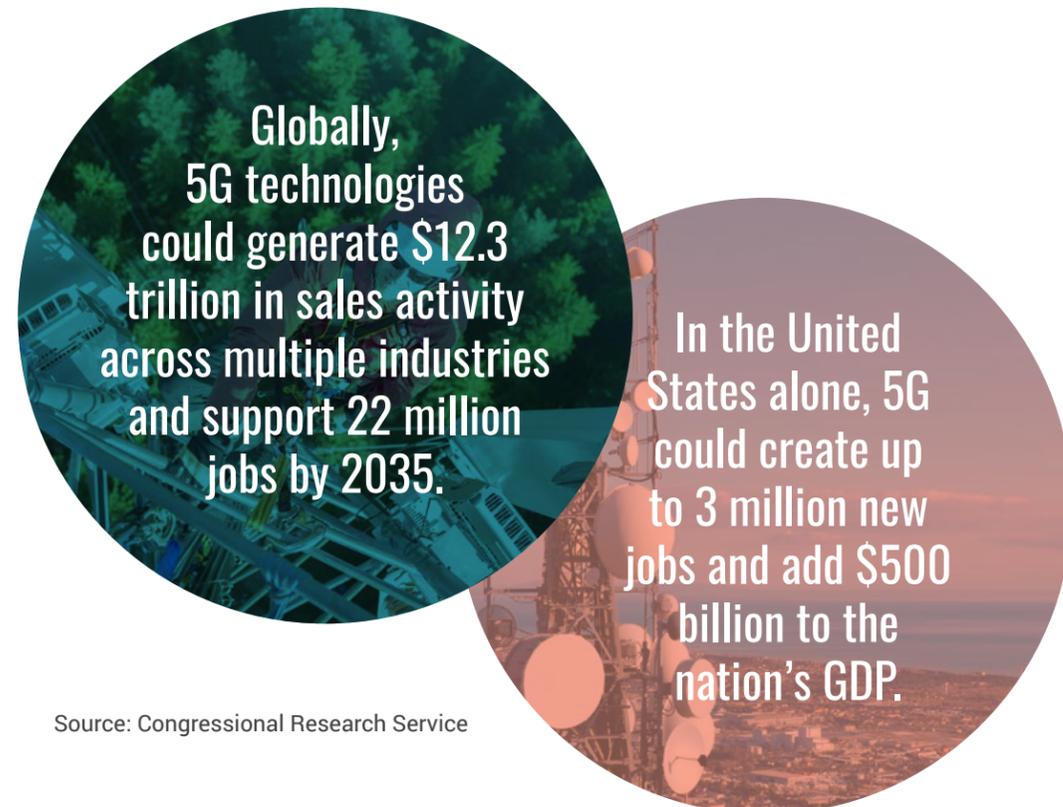
- Phil Mattson, Standards Executive, Department of Homeland Security Science and Technology Directorate

5G

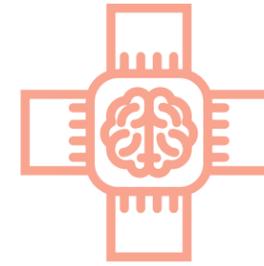
Like the internet, automobile, and electricity before it, 5G is set to change the world. As the technology is deployed globally, remote surgery, autonomous transportation, connected homes and businesses, and immersive “extended reality” experiences are just a few of the applications we can expect to see in our everyday lives. Connecting virtually everyone and everything, 5G enables a fully connected ecosystem of intelligent sensors and devices.

To promote continued U.S. leadership in this transformative space, ANSI is working closely with our members and leveraging their collective interests to shape the strategy called for in the 2020 Secure 5G and Beyond Act—advanced by the President of the United States—and its related implementation plan, advocating for actions that foster greater interagency coordination and enhanced standards-related partnerships between the private and public sectors.

Together, ANSI and the National Institute of Standards and Technology (NIST) are seeking public-private sector agreement on a strategic U.S. approach to work collaboratively in relevant 5G standardization venues. As the first in coordination efforts to come, ANSI and NIST co-hosted virtual roundtables in July and August with private sector and government stakeholders to share information and perspectives on technical and policy issues.



Source: Congressional Research Service



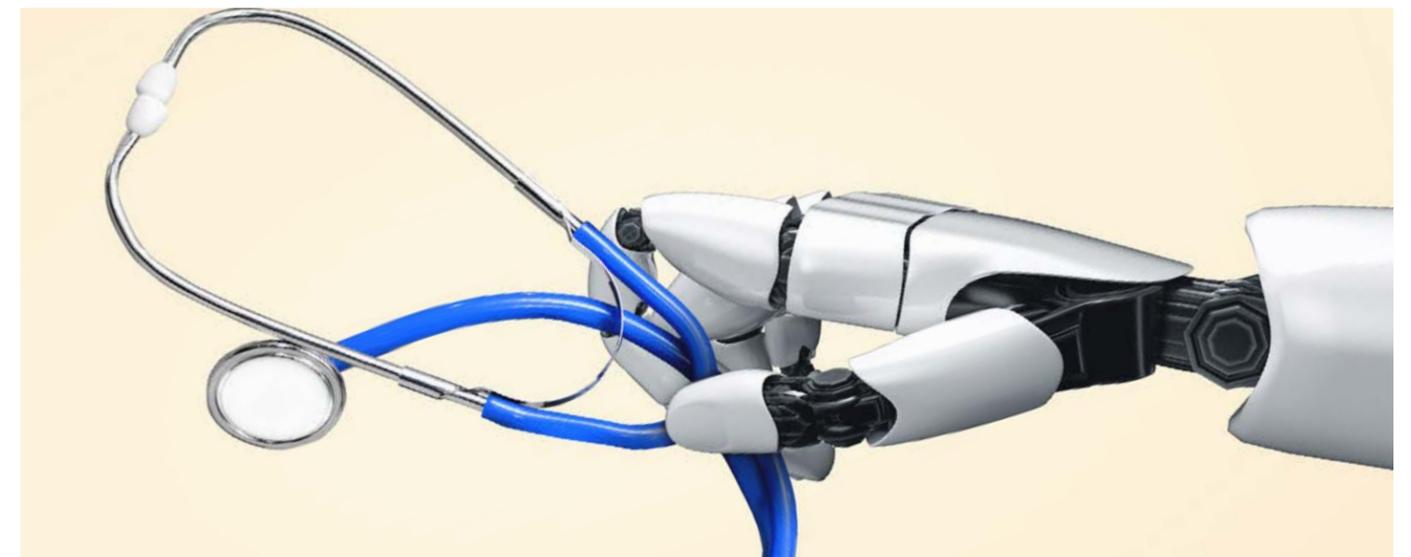
Empowering AI-enabled Systems in Healthcare

As Artificial Intelligence (AI) makes its way into more and more aspects of our lives, it is also finding growing applications in healthcare. And indeed, amid the pandemic, AI is proving to be one of the few tools capable of matching the virus' speed, sifting through massive amounts of data to predict the disease's spread, support diagnoses, and even vaccine development. According to the World Economic Forum, over the next 10 years, AI will assume an even more prominent role in predictive care, networked hospitals, and improved efficiencies for patients, hospitals, and health systems.

ANSI—at the recommendation of its Services Sector Initiative Task Group—convened a virtual workshop to explore opportunities for progress through collaboration and standardization. The effort set the stage for an in-person workshop in 2021, where recommendations for coordination of standardization and governance to meet expectations of safety, quality, responsibility, and risk can be developed.

“This work is critically important because of the role and promise of AI to improve the quality of care and the patient experience while giving individuals new options for convenience and lower costs.”

- Jamie Ferguson, Vice President, Health Information Technology Strategy, Kaiser Permanente





Commercial Space Industry Takes Flight

2020 marked the first trip to the International Space Station from American soil in 9 years, and a new era of human space travel began as private company SpaceX launched astronauts into orbit in May.

For its part, the White House has issued directives aimed at reinvigorating America’s human space exploration program, calling for national space traffic management standards and best practices. With the goal of returning to the moon within 5 years, and a growing interest in space tourism, the commercial space industry is poised for takeoff.

Recognizing the critical role of standardization in supporting public policy and promoting a safe commercial space industry ecosystem, ANSI convened 40 cross-sector organizations to examine standardization coordination needs, and is currently evaluating input from a broad survey on key priority areas to support the commercial space industry. Plans for a follow-up workshop are underway.

More than 25 billion dollars has been invested in 535 unique space companies over the last decade, including makers of satellites, rockets, and other space innovations.

Source: Space Angels investment firm

Wall Street banks, including Goldman Sachs and Morgan Stanley, predict the global space economy could grow to more than 1 trillion dollars over the next 20 years.



SMART Standards

The strategic importance of machine readable standards cannot be overstated. As the world progresses toward digitalization, so must the development and consumption of standards content. ANSI and U.S. industry partners are helping advance ISO’s efforts to implement machine-readable, or SMART standards, which will create significant time and cost savings for companies to incorporate the content of ISO standards into products, processes, and services.

The Company Member Forum: A View into Emerging Tech Trends

Keeping abreast of emerging technology trends and strategic standardization management continued to be the focus of ANSI’s Company Member Forum, which enjoyed record-breaking attendance at its spring 2020 event. Engaging in a highly interactive virtual meeting, the CMF explored topics such as artificial intelligence, nanotechnology, cybersecurity, and 5G. It is clear that no matter what the focus is of any given business, it will be impacted by developments in each of these critical technology areas and the standards that emerge. Staying informed of these trends underscores the need for companies to have in place effective processes for strategic standardization management. Company members shared their best practices, challenges, and lessons learned in working to maintain successful processes, particularly in a remote environment.



Advanced Materials

Increasingly, governments and organizations that originally focused on nanomaterials are now also turning their attention to advanced materials as a revolutionary technology. The ANSI Nanotechnology Standards Panel held a 2-day virtual event in August examining the intersection of nanotechnologies and advanced materials—and how the gaps and needs relative to advanced materials standards can best be identified and prioritized.

“While nanomaterials and advanced materials are not the same, they are related and both hold capabilities to bring many benefits to society by making existing technologies better. Many future technologies will be based on nano/advanced materials, including drugs and drug delivery systems, medical devices, better batteries, stronger yet lighter vehicles, and many more. The ANSI Nanotechnology Standards Panel (ANSI-NSP) contributes to these efforts by promoting sharing of information so that redundancies are reduced and the development of standards proceeds rapidly.”

-Dr. Shaun Clancy, Co-chair, ANSI-NSP

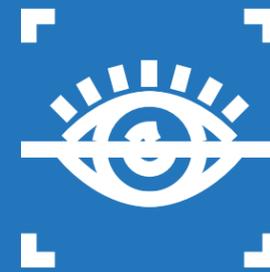
ISO/IEC Joint Technical Committee (JTC) 1: Breaking New Ground in ICT

JTC1 provides the international venue for global ICT solutions to be developed, with the U.S. serving as chair and ANSI as secretariat.



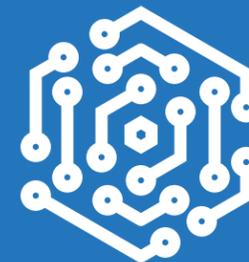
Artificial Intelligence

From healthcare to financial services to COVID-19 response efforts, AI is changing the way we live and do business. Standards are key to unlocking AI's promise and removing barriers to adoption. Under U.S. leadership, JTC 1/SC 42 is the first standardization committee of its kind looking at the entire AI ecosystem, currently advancing work in critical areas of data and trustworthiness, terminology, computational approaches, governance of AI, and more. In August, SC 42 launched work on an AI Management System standard, which will help organizations develop or use AI responsibly and meet applicable regulatory requirements.



Biometrics

Expected to be adopted by the International Civil Aviation Organization (ICAO) as the basis for their standard on machine-readable travel documents by the end of the year, the recently revised ISO/IEC 39794 series supports fingerprint, facial, and other biometric data in e-Passports, helping nations verify the identity of travelers, and promoting safety around the globe. Future standards in the 39794 series will address iris, vascular, full body, and gait image data. The standard was created by JTC 1's SC 37, *Biometrics*, the secretariat of which is held by ANSI.



Quantum Computing

The dawn of a new era of information technology, quantum computing imagines new possibilities and new ways to approach problems, with the potential to spur breakthroughs in machine learning, medicine, pharmacology, and more. A new working group (WG 14) within JTC 1 has launched the first international standardization activity in this space, helping the world understand and eventually benefit from the quantum computing revolution.

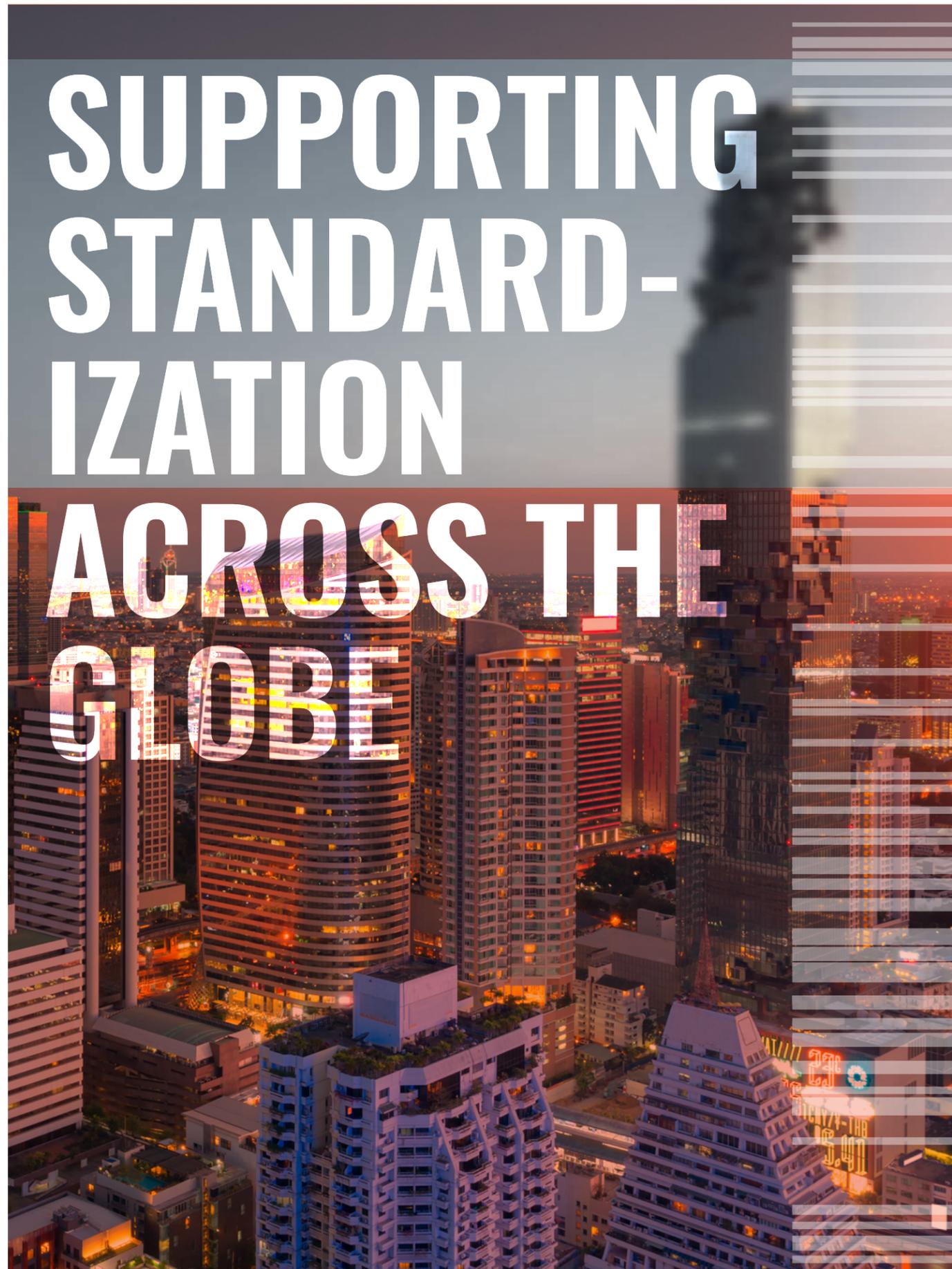


Trustworthiness

With the expansive growth of ICT and seemingly endless applications, many people wonder, "How can I know ICT can be trusted?" A recently established working group (WG 13) of JTC 1 will develop frameworks, taxonomy, and ontology for ICT trustworthiness, with the goal of giving everyone who relies on ICT confidence that it can be trusted.

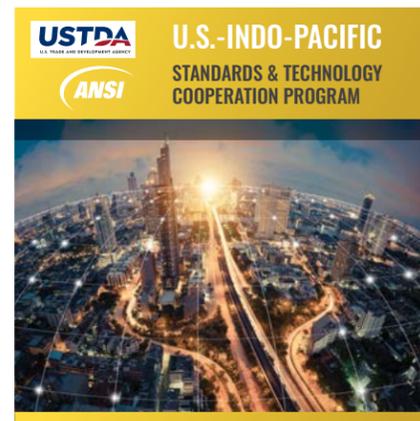
SUPPORTING STANDARD- IZATION

ACROSS THE GLOBE



Advancing Global Trade and Development through Partnerships

Supporting trade and economic development around the globe, the Institute added two new international development programs to benefit the U.S. and global communities through public-private partnerships and broad collaboration:



Through ANSI's public-private partnership with the U.S. Trade Development Agency (USTDA), the **U.S.-Indo-Pacific Standards and Technology Cooperation Program (STCP)** launched to coordinate bilateral workshops in the Indo-Pacific region on green technologies, transportation, smart cities, medical devices, ICT, and more.



Building on ANSI's 7-year first phase partnership with USAID, the **Standards Alliance: Phase 2 (SA2)** will develop capacity in the areas of legal and regulatory framework, standards development, conformity assessment procedures, and private-sector participation. ANSI expects to engage nationally and regionally, when appropriate, with partners in the Latin America, Africa, Middle East/North Africa, and Indo-Pacific regions.

Supporting the Largest Free Trade Zone Since the WTO

Supporting the African Union Commission (AUC) in implementing the African Continental Free Trade Area—the largest free trade zone since the establishment of the World Trade Organization—the Standards Alliance recruited and appointed the first U.S.-supported Technical Barriers to Trade Advisor to the AUC.





Supporting UN Sustainable Development Goal 6: Ensure Availability and Sustainable Management of Water and Sanitation for All

ISO 31800: COMMUNITY-SCALE, RESOURCE-ORIENTED SANITATION SYSTEMS

More than 35% of the world's population lacks access to adequate sanitation systems, resulting in wastewater crop irrigation that risks the health of nearly one billion people. Marking a major step forward in the quest for improved global sanitation, the newly published ISO 31800 standard drives opportunities to widely manufacture, market, and deploy community-scale resource recovery units, while improving health and safety for millions. The standard was developed by ISO PC 318, *Community-scale resource-oriented sanitation systems*, whose secretariat was administered by ANSI and ASN (Senegal) under a successful twinning arrangement.

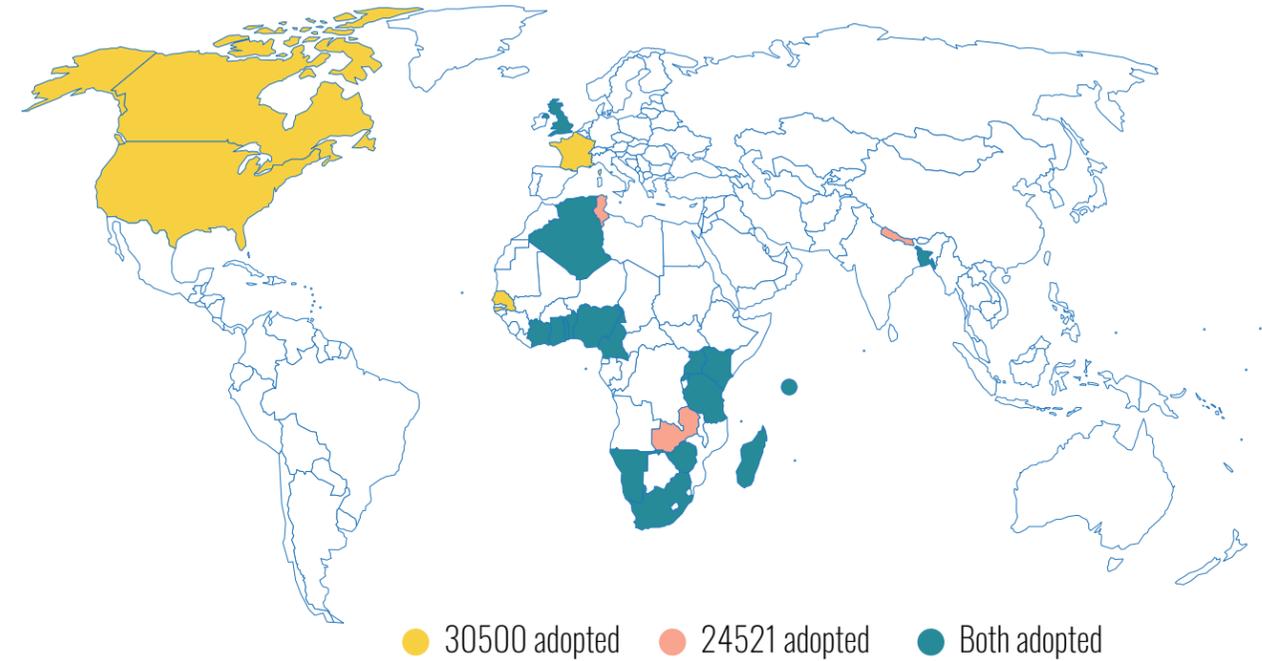


“Publication of ISO 31800 is an important milestone, and the work of ISO PC 318, with many developing and developed countries’ committee experts, will lead to commercial systems that protects human health and the environment. The hundreds of individuals that contributed to ISO 31800 should be proud of their great contribution to making the world a better place.”

-Sun Kim, ISO PC 318 chair

ISO 30500 AND ISO 24521: NON-SEWERED SANITATION SYSTEMS

Effective sanitation is linked to better health, safety, and livelihood. ANSI is partnering with organizations around the world to support the implementation and adoption of two international non-sewered sanitation standards worldwide. ISO 30500 and ISO 24521 can enable nations to promote sustainable community development and ultimately spur economic growth.



ISO 30500 ADOPTED BY

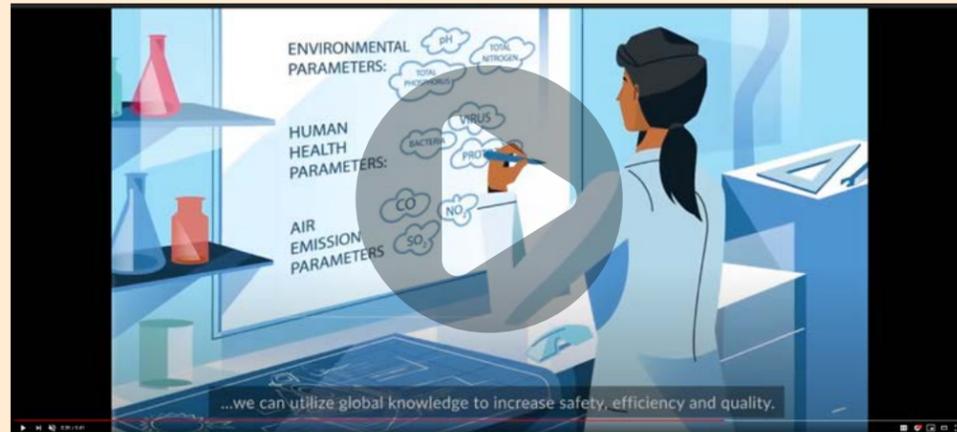
- Algeria
- Bangladesh
- Benin
- Cameroon
- Canada
- Cote d'Ivoire
- France
- Ghana
- Kenya
- Madagascar
- Namibia
- Nigeria
- Rwanda
- Senegal
- Seychelles
- South Africa
- Tanzania
- Togo
- Uganda
- United Kingdom
- United States of America
- Zimbabwe

ISO 24521 ADOPTED BY

- Algeria
- Bangladesh
- Benin
- Cameroon
- Cote d'Ivoire
- Ghana
- Kenya
- Madagascar
- Namibia
- Nepal
- Nigeria
- Rwanda
- Seychelles
- South Africa
- Tanzania
- Togo
- Tunisia
- Uganda
- United Kingdom
- Zambia
- Zimbabwe

Standards Come to Life

Learn how ISO 30500 and ISO 24521 support sustainable sanitation solutions in six brief videos:



- ▶ Sanitation Standards Explained in 2 Minutes
- ▶ What's a Standard, and How Does it Benefit Global Water and Sanitation?
- ▶ ISO Standards and the SDGs
- ▶ ISO 30500: Benefits for All
- ▶ ISO 24521: A Standard We Can Use Now
- ▶ ISO 30500 and ISO 24521: Hand in Hand

International Workshops Completed

17

Total Participants

2,339

Countries Represented

Bangladesh, Benin, Bhutan, Botswana, Cameroon, China, Cote d'Ivoire, the Democratic Republic of Congo, Ghana, India, Kenya, Liberia, Madagascar, Mozambique, Nigeria, Rwanda, Senegal, Sri Lanka, South Africa, Tanzania, Uganda, Zambia, Zimbabwe

Looking Ahead

Looking ahead to 2021, ANSI's public-private partnerships with USTDA and USAID will continue to provide platforms for industry to engage and influence the stakeholders that impact their business in other countries, and for new partnerships to grow—whether the activities take place virtually or in-person.



ANSI's public-private partnership with the U.S. Trade Development Agency (USTDA), the **U.S.-Africa Clean Energy Standards Program (CESP)** will provide opportunities for industry and government representatives from the U.S. and sub-Saharan Africa to cooperate on issues relating to standards, conformity assessment, and technical regulations for clean energy technologies.



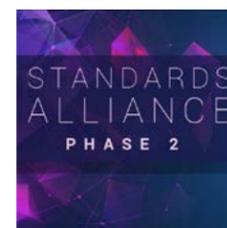
The **U.S.-Africa Information and Communications Technology Standards Program (ICTSP)** will coordinate technical workshops for government and industry in sub-Saharan Africa, encouraging the development and implementation of standards, testing protocols, and regulatory procedures in a range of ICT subject areas.



The **U.S.-Indo-Pacific Standards and Technology Cooperation Program (STCP)** will convene workshops on topics such as medical devices, 5G, ICT, and smart and sustainable cities in Indo-Pacific countries.



The **U.S.-China Standards and Conformance Cooperation Program** will conduct virtual workshops until April 2021 on industry-proposed topics such as green technologies, transportation, and energy.



The ANSI-USAID **Standards Alliance Phase 2** will execute activities in Latin America, Africa, Middle East and North Africa, and the Indo-Pacific, addressing priorities identified by partner countries such as medical devices, WASH, energy, and more.



The **U.S.-India Standards and Conformance Cooperation Program Phase II** will conclude with a virtual workshop on clean energy topics and updates to www.StandardsPortal.org.

TRUST AND CONFIDENCE: ANSI NATIONAL ACCREDITATION BOARD (ANAB)

ANAB's Response to COVID

As COVID-19 led to abrupt changes in daily life and the way business is conducted, ANAB brought its years-long experience in remote assessments to the broader market, enabling organizations to attain and maintain accreditation and continue their critical operations during the pandemic.

Meeting the need for continued learning in light of widespread travel restrictions and the need for social distancing, ANAB transitioned its training to instructor-led online programming, helping individuals to keep up with industry changes and the employers to invest in their talent.

“I would like...to thank ANAB and your assessors for the quality of their assessment. We met very professional assessors who took time to understand our organization and to create improvement opportunities that were truly adapted to our business. It has been a useful exercise which is clearly helping us to ensure that we deliver high quality and reliable certification in anti-corruption compliance. I am very happy that we chose ANAB for accreditation.”

-ETHIC Intelligence, Paris (accredited by ANAB for ISO 37001 anti-bribery management systems)



Informing the CA Community about Remote Assessment

A new video explained how ANAB remote assessments can help conformity assessment bodies continue their vital business operations and keep accreditation on track amid the pandemic.

Boosting Quality, Trust, and Confidence



5G: SUPPORTING U.S. LEADERSHIP

Fostering the safe deployment of modern wireless networks and supporting U.S. leadership in 5G, the National Network Safety Alliance sought and achieved ANAB accreditation of their Telecommunications Tower Technical Certifications under ISO/IEC 17024.

“To continue American leadership in 5G, we must have the skilled workforce necessary to build next-generation networks. The tower technician certifications developed by NWSA are critical to deploying wireless networks safely and efficiently while ensuring that tower companies can draw from a robust pipeline of talent both now and in the future. I’m pleased that ANAB has accredited these American certification programs, which will help cement the American wireless industry as the international gold standard.”

- FCC Chairman Ajit Pai

BOLSTERING WORKFORCE DEVELOPMENT

The U.S. Department of the Army sought and achieved ANAB accreditation of its Master Logistician Certificate Program, boosting the skills of the U.S. Army’s civilian logistics workforce. The program, first created in 2017, has hundreds of Army logistics civilians participating through courses at Army Logistics University and select partner universities.

“This great program, with ANSI’s approval, raises the bar of professionalism for our Civilian Logisticians and provides the Army with professional multi-functional logisticians by documenting excellence in education, training, and career experience in support the Army’s critical logistics missions.”

-William F. Moore, Assistant Deputy Chief of Staff, U.S. Army Logistics, G-4



COMBATTING GLOBAL DEFORESTATION

The World Bank Group has engaged ANAB to help develop accredited validation/verification processes for the Forest Carbon Partnership Facility (FCPF), a global partnership of governments, businesses, civil society, and Indigenous Peoples focused on reducing emissions from deforestation and forest degradation, forest carbon stock conservation, the sustainable management of forests, and the enhancement of forest carbon stocks. The FCPF works with 47 developing countries across Africa, Asia, and Latin America and the Caribbean.



ASSURING QUALITY OF INDUSTRY-RECOGNIZED APPRENTICESHIP PROGRAMS

In a move that will help to expand the availability of high-quality apprenticeships in the U.S., ANAB was approved by the U.S. Department of Labor’s Office of Apprenticeship as a Standards Recognition Entity. ANAB can now evaluate and recognize industry-recognized apprenticeship programs (IRAPs) pursuant to the Department of Labor’s standards, helping to assure that the programs provide valuable and well-paying employment training opportunities that equip participants with needed job skills.

Accreditation plays an important role in:



Bolstering trust and confidence in products, services, people, and systems



Increasing U.S. competitiveness and productivity



Facilitating global market opportunities



Increasing efficiencies



BUILDING STRONGER, SAFER INFRASTRUCTURE

In a move that will increase efficiencies, reduce federal agency resource requirements, and help assure the quality of highways and airport runways, the Federal Highway Administration (FHWA) recognized ANAB for construction materials testing. Labs that attain ANAB accreditation for construction materials testing will now be considered to meet requirements in FHWA regulations.

INCREASING CONFIDENCE IN FORENSICS

Providing increased confidence in the reliability of results, competence of personnel, and infrastructure of forensic laboratories, ANAB expanded its forensic accreditation program in conjunction with U.S. Department of State Bureau of International Narcotics and Law Enforcement Affairs and the U.S. Department of Justice International Criminal Investigative Training Assistance Program. With 15 forensic labs in Mexican states and the federal lab in Mexico City accredited by ANAB, U.S. and Mexican citizens now benefit from increased national security on both sides of the border.



EXPANDING RECOGNITION

ANAB expanded its International Laboratory Accreditation Cooperation (ILAC) multilateral recognition arrangement status to include ISO/IEC 17043 proficiency testing providers, building on the program's existing recognition by the Asia Pacific Accreditation Cooperation and the Inter-American Accreditation Cooperation. The recognitions reduce technical barriers to trade and enhance cross-border acceptance of products by eliminating the need for redundant tests, calibrations, and inspections.



Celebrating Success: Terry Burgess Assessor of the Year Award

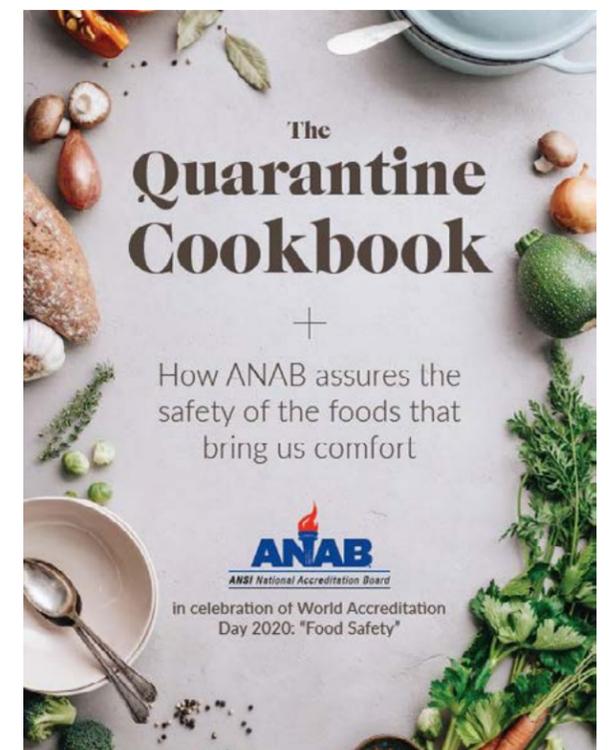
Stephen Dale was the recipient of ANAB's third-annual Terry Burgess Assessor of the Year Award, which recognizes outstanding service by an ANAB contract assessor for exemplary customer service, teamwork, creativity and innovation, performance excellence, leadership, and commitment.

SUPPORTING STATES IN ENVIRONMENTAL TESTING

The states of Louisiana and California have joined the federal agencies that look to ANAB to accredit environmental testing labs, ensuring the labs are using appropriate methods to provide accurate, precise, and reliable environmental data.

The Quarantine Cookbook

In recognition of World Accreditation Day 2020, ANAB published *The Quarantine Cookbook*, highlighting how ANAB accreditation helps assure quality and safety of food throughout the supply chain.



Promoting Health, Safety, and Consumer Confidence



CANNABIS

Fostering consumer safety and confidence in the cannabis market, ANAB accredited the first product certification body to administer a cannabis certification program. Building on its existing programs for laboratories testing cannabis and cannabis-derived products, ANAB's accreditation provides assurance that product certification bodies are competently testing products to meet standards, and the products are safe for consumption and free from harmful levels of contaminants.



HALAL FOOD AND PRODUCTS

In the area of food and product safety, the first certification program for halal food products and ingredients, pharmaceuticals, cosmetics, and other personal care products attained ANAB accreditation, assuring that accredited halal certifications meet essential requirements throughout the global supply chain.



NON-FOOD PRODUCTS

Protecting consumer health and safety, improving risk-management programs, and reducing manufacturer audit costs are among the benefits of a new ANAB accreditation program for Global Retail and Manufacturer Alliance Certification, covering a wide range of non-food product categories including dietary supplements, cosmetics, and OTC drugs.

Upcoming Trends in Conformity Assessment

Trust, quality, transparency, and confidence—these principles form the heart of ANAB's accreditation programs that serve industry, government, and the public. In a rapidly evolving technological landscape, ANAB anticipates changing trends and developments in the field of accreditation:



INFORMATION AND COMMUNICATION TECHNOLOGY (ICT)

Significant innovation and advancement in the use of ICT in audit and assessment will impact the field, attended by evolving competence requirements for assessors and technological advances that support tasks currently managed by people.



CYBERSECURITY

An increased need for industry sectors to address security and continuity with a more unified global security framework is expected. Some foundational accreditation standards, driven by a holistic approach to business needs, may include information security and business continuity requirements.



DATA ANALYTICS

Greater importance on data analytics for use in risk assessment, traceability, monitoring, and data validation is on the horizon, including in emerging areas of technology such as satellite monitoring and commercial space activities.



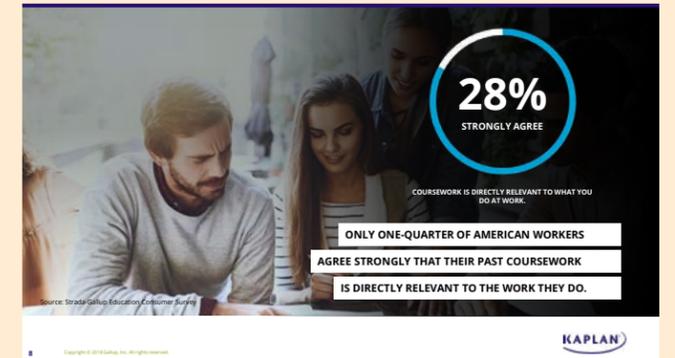
QUALITY AND EFFECTIVENESS: WORKCRED SUPPORTS THE WORKFORCE

Better Career Outcomes for Students

Improved career outcomes for students—including higher salaries, improved rates of hire, and faster promotion tracks—are the ultimate goal of a Lumina-funded initiative, in which Workcred is working with the Association of Public and Land-grant Universities, the Coalition of Urban Serving Universities, and the University Professional and Continuing Education Association to connect industry certifications and degrees. Along with its partners, Workcred brought together universities and certification bodies from across the nation to identify opportunities to embed certifications into undergraduate degree programs in the growing fields of healthcare, cybersecurity, manufacturing, and the liberal arts. A potential future phase of the project will test the models from the first phase.

Certifications as a Vehicle for Increasing Labor-Market Mobility

The current and potential roles for industry and professional certifications as a vehicle for increasing labor-market mobility is the focus of a two-year Workcred study with Corporation for a Skilled Workforce and George Washington Institute of Public Policy, funded by Lumina Foundation. The research will also cover where certifications present the risk of being dead-end credentials that can limit access to opportunity, and how to instead ensure that certifications serve as part of lifelong pathways for advancement. An initial paper will be published in fall 2020, and the final results in fall 2021.



The Future of the Workforce

Reaching an audience of more than 1,200 people, Workcred joined education experts to discuss how prospective students, universities, and employers can use strategies to strengthen workforce success. The webinar, “Will College Soon be About Creddegrees,” explored how “Creddegree” programs that encompass a traditional bachelor’s degree and an industry-recognized skill or credential can advance the work readiness of graduates.

“Certifications are the least understood and studied type of credential. Our team seeks to provide a solid baseline about the dynamics of certifications and inform their improved use.”

- Larry Good, President, Corporation for a Skilled Workforce

Promoting Quality and Market-Value of Non-Degree Credentials

A network of more than 30 certification bodies convened by Workcred is exploring the potential for data-sharing efforts to improve understanding of the value of certifications, the labor market outcomes of individuals who hold them, and insights into successful career pathways into the workforce. The network works with the National Student Clearinghouse to match data from certification bodies, educational attainment and enrollment data from universities, and aggregate wage data from the U.S. Census Bureau.

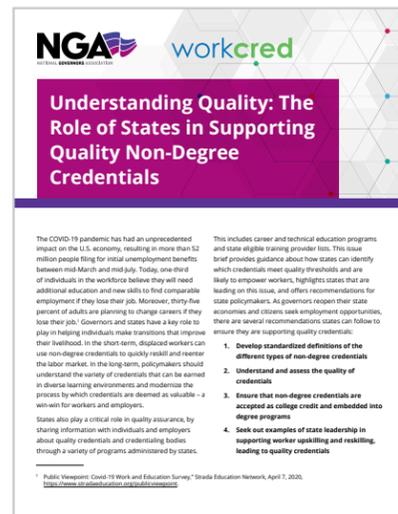
“This work is important because educational institutions can use data from credentialing bodies to expand and improve their programs. Employers will be able to identify high-performing programs and quality sources of talent to improve hiring and training decisions. Likewise, data can also support students so that they can make informed decisions about what credentials to earn and where to obtain them.”

-Holly Zanville, Strategy Director, Lumina Foundation

Additionally, Workcred continues to be engaged in national efforts to promote the quality and market-value of non-degree credentials. Workcred executive director Roy Swift serves on the Non-Degree Credentials Research Advisory Council, a group of leading researchers and stakeholders, focusing on the role of non-degree credentials in the credentialing ecosystem.

New Brief on the Value of Non-Degree Credentials

A new brief published in September 2020 by Workcred, in partnership with the National Governors Association, sheds light on the value of non-degree credentials as tools to empower workers and strengthen state economies amid the significant disruption caused by COVID-19. The brief, “Understanding Quality: The Role of States in Supporting Quality Non-Degree Credentials,” provides several recommendations for state policymakers to consider as they recognize and support quality credentials for people re-entering or upskilling in the workforce.



The Healthcare Workforce: More Essential Now Than Ever Before



WORKFORCE ISSUES AND SOLUTIONS IN LIGHT OF COVID-19

Contributing to nationwide conversations about shifts in the U.S. workforce as a result of COVID-19, Workcred is participating on a National Academies of Sciences, Engineering, and Medicine committee to identify strategies and partnerships for aligning displaced workers with regional workforce needs related to science, technology, engineering, math, and medicine.

BUILDING INDUSTRY-RECOGNIZED APPRENTICESHIP PROGRAMS IN HEALTHCARE

Supporting the expansion of high-quality apprenticeship programs and opportunities in healthcare, Workcred has joined a partnership with industry and academia partners to support industry-recognized apprenticeship programs (IRAPs), as part of a \$12 million apprenticeship grant from the U.S. Department of Labor.

ROI of Manufacturing Credentials: Now and for the Future



According to Bersin by Deloitte, the manufacturing sector has the highest average cost per hire of any industry. A Workcred research project, expected to be published in 2021, has the potential to significantly increase the efficiency of hiring in the manufacturing sector. Workcred is studying the return on investment of manufacturing credentials and the need for new credentials to keep pace with changing skills needs in U.S. manufacturing, thanks to a grant from the U.S. Department of Commerce's National Institute of Standards and Technology (NIST) Hollings Manufacturing Extension Partnership (MEP).

What's Coming Up for Workforce Development

In the year ahead, Workcred will lead activities to support various segments of the workforce, including:



SERVICE MEMBERS

Workcred is focusing on empowering service members by bringing their educational and military experiences into a single learner record, referred to as learning and employment records (LERs). Currently, Workcred's partners are conducting a scaled testing evaluation of digital authentication and authorization based on open data standards. Workcred will work with its partners to further increase the functionality and use of the LER.



MANAGEMENT SYSTEM AUDITORS

Through a grant, Workcred and partners are developing the competencies for a national apprenticeship program for management system auditors. The creation of this program will train and prepare the next generation of workers for this expanding field with career pathways that have broad applicability across industry sectors.



FEDERAL WORKERS

Workcred is partnering with federal agencies to discuss implementing skills-based hiring and building credentialing systems for federal workers that focus on lifelong learning. This is in direct response to June 2020's Executive Order 13932 to modify federal recruitment and hiring processes to focus on skills- and competency-based hiring and less on degree-based hiring.



COMMUNITY COLLEGES

Workcred is partnering with the Education Design Lab in an advisory capacity to help launch its Community College Growth Engine Fund, which is being created to meet the urgent demand from community college leadership for support to deliver skills-focused, market-driven education as regions struggle to mitigate the growing skills gap. The Fund will invest in U.S. community colleges as they meet growing consumer and employer demand for short-term credentials.



Differing Types of Workplace Credentials

A new Workcred video demystifies credentials to help everyone understand how they differ, and the appropriate uses for each.



Workcred in the Media

Read more about what Workcred has been doing to impact the workforce in [Wired](#), [RealClearEducation](#), [EvoLLLution](#), [Chronicle of Higher Ed](#), [IndustryWeek](#), and [IENetworker](#).

ANSI, BY THE NUMBERS

1239 ANSI MEMBERS:

763 COMPANY

337 ORGANIZATIONAL

74 GOVERNMENT

37 INTERNATIONAL

28 EDUCATIONAL

Through the work of ANSI and its members, the U.S. currently participates in:



MORE THAN **94%** OF
IEC AND JTC 1 TCs AND SCs

...AND ADMINISTERS **14%** OF TC AND
SC SECRETARIATS THROUGH THE USNC

169 P-MEMBERSHIPS

169 TECHNICAL ADVISORY GROUPS

26 IEC SECRETARIATS

28 U.S.-HELD CHAIRS

242 U.S.-HELD CONVENORSHIPS



MORE THAN **78%**
OF ISO TCs AND SCs

...AND ADMINISTERS **14%**
OF TC AND SC SECRETARIATS

569 P-MEMBERSHIPS

237 TECHNICAL ADVISORY GROUPS

91 U.S.-HELD CHAIRS

103 U.S.-ADMINISTERED TC AND SC SECRETARIATS

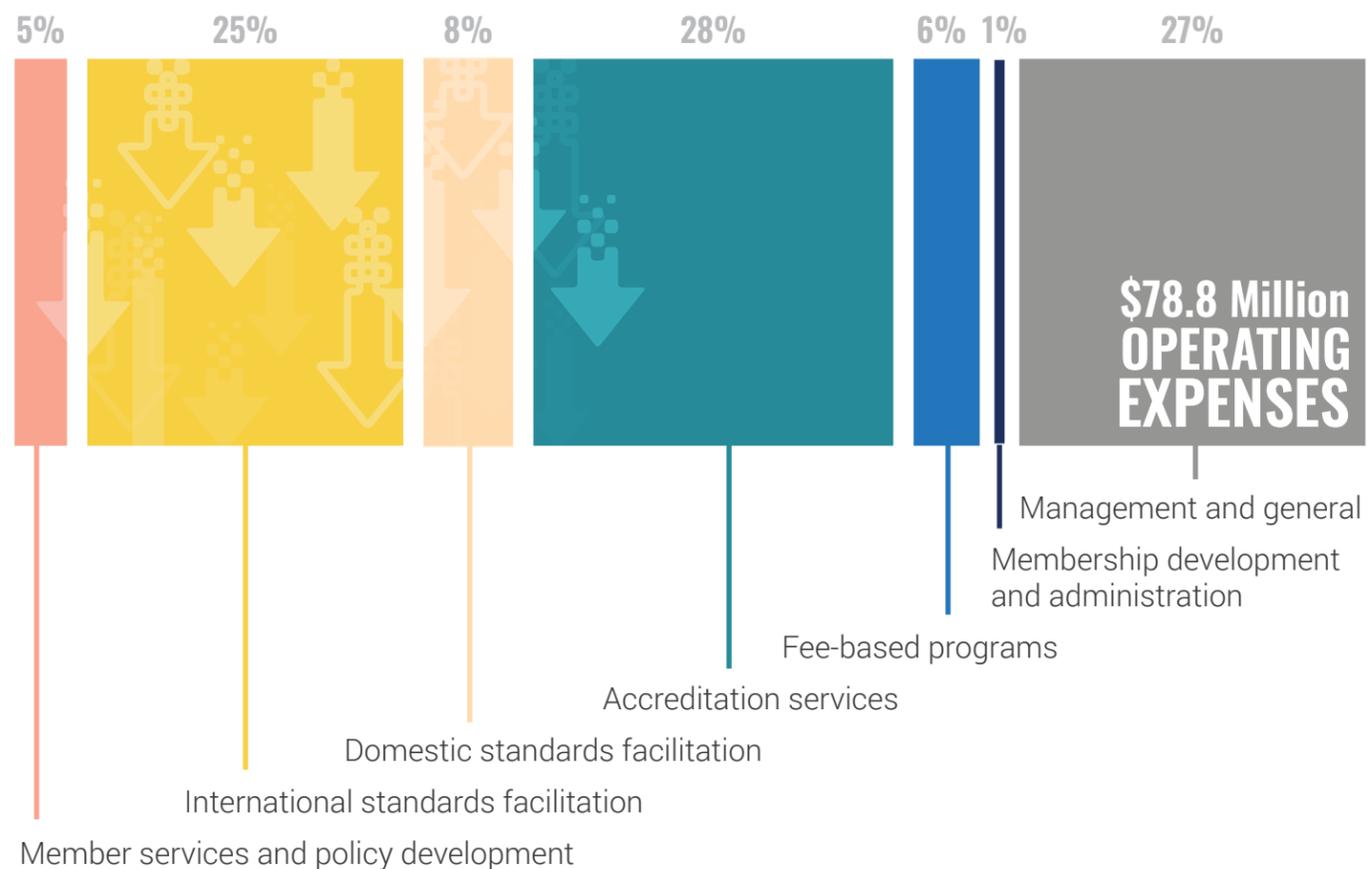
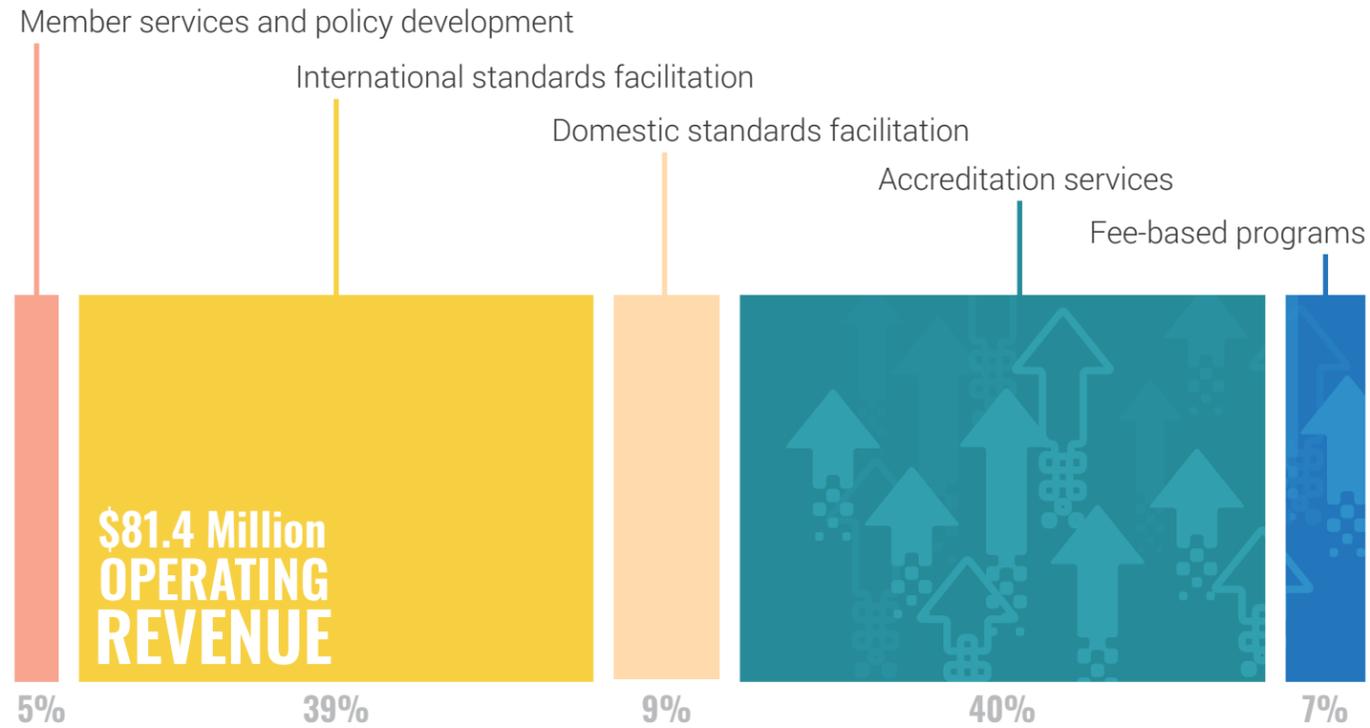
508 U.S.-HELD CONVENORSHIPS

As part of its standards procedures and administration work, ANSI has:

APPROVED **13,136** AMERICAN NATIONAL STANDARDS

ACCREDITED **243** STANDARDS DEVELOPERS

2019 Financial Information



Consolidated Financial position As of December 31, 2019 & 2018

	2019	2018		2019	2018
ASSETS			LIABILITIES		
Cash and cash equivalents	\$14,965,826	\$16,474,435	Accounts payable and accrued expenses	\$14,700,571	\$13,434,280
Investments	11,816,085	11,198,525	Deferred dues and fee income	9,704,157	7,803,925
Accounts receivable, net			Pension liability	5,437,255	5,364,897
Publications and royalties	7,024,611	5,942,783	Deferred rent	736,969	871,006
Program support, accreditation, dues, and other	8,395,629	4,173,929	Loan payable	-	2,226,522
Prepaid expenses and other assets	2,256,964	2,105,894	TOTAL LIABILITIES	30,578,952	29,700,630
Goodwill	8,841,488	9,124,148	NET ASSETS		
Property and equipment, net	1,640,351	1,301,016	Without donor restrictions	24,214,677	20,473,884
TOTAL ASSETS	\$54,940,954	\$50,320,730	With donor restrictions	147,325	146,216
			TOTAL NET ASSETS	24,362,002	20,620,100
			TOTAL LIABILITIES AND NET ASSETS	\$54,940,954	\$50,320,730

Consolidated STATEMENT OF ACTIVITIES As of December 31, 2019 & 2018

	2019	2018		2019	2018
REVENUE AND SUPPORT			Supporting services		
Member services and policy development	\$3,856,797	\$4,096,162	Membership development and administration	1,082,508	901,805
International standards facilitation	31,727,924	31,349,032	Management and general	21,054,829	8,185,864
Domestic standards facilitation	7,448,029	6,224,286		22,137,337	9,087,669
Accreditation services	32,414,477	7,636,636	TOTAL OPERATING EXPENSES	78,760,914	55,394,471
Fee-based programs	5,922,202	6,621,045			
TOTAL OPERATING REVENUE AND SUPPORT	81,369,429	55,927,161	Change in net assets from operations	2,608,515	532,690
EXPENSES			NONOPERATING ACTIVITIES		
Program-related			Investment return, net	1,612,003	(266,889)
Member services and policy development	4,184,039	4,544,707	Gain on acquisition of remaining equity of ANAB	-	3,503,881
International standards facilitation	19,331,541	20,979,067	Other components of net periodic pension cost	(389,552)	(190,906)
Domestic standards facilitation	6,323,273	5,375,747	Pension-related changes other than net periodic pension cost	(89,064)	(1,550,267)
Accreditation services	21,846,200	8,562,526	TOTAL NONOPERATING ACTIVITIES	1,133,387	1,495,819
Fee-based services	4,938,524	6,844,755	CHANGE IN NET ASSETS	3,741,902	2,028,509
	56,623,577	46,306,802	Net assets, beginning of year	20,620,100	18,591,591
			NET ASSETS, END OF YEAR	24,362,002	\$20,620,100

As of 9/30/2020

3-A Sanitary Standards, Inc.	Advanced Regenerative Manufacturing Institute (ARMI)	Alliance for Telecommunications Industry Solutions	American Brush Manufacturers Association
3DISC Americas	Advantacom, Inc.	Allied Tube & Conduit/ Electrical Division	American Chemistry Council
3D Systems	AEGIS.net, Inc.	Allogene Therapeutics, Inc.	American Composites Manufacturers Association
A-LIGN Compliance and Security, Inc.	Aerojet Rocketdyne, Inc.	Ally Financial, Inc.	American Concrete Institute
A.K. Stamping Co., Inc.	Aerospace Industries Association	Altera Corp.	American Dental Association
A2LA	Aetna Life & Casualty	Alteryx	American Express Travel Related Services Company, Inc.
AAC, Inc.	Agilent Technologies	Alticor	American Family Life Assurance Company of Columbus (AFLAC)
ABB Incorporated	Agility Clinical	Aluminum Association, Inc., The	American Gas Association
Abbott Laboratories	AgJunction	Alyeska Pipeline Service Company	American Gear Manufacturers Association
AbbVie	AIM	AMADIS, Inc.	American Glovebox Society
AbsolutAire	AIM Specialty Health	Amazon	American Health Information Management Association
Accentuate Technology, Inc.	Air-Conditioning, Heating, and Refrigeration Institute	AMC Institute	AmericanHort
Accreditation Council for Medical Affairs (ACMA)	Airbiquity	AMD, Inc.	American Imaging Management
Accredited Snow Contractors Association	Air Conditioning Contractors of America	American Academy of Forensic Sciences	American Institute of Aeronautics and Astronautics
Accredited Standards Committee X9, Inc.	Airlines Reporting Corporation	American Association of Physicists in Medicine	American Institute of Baking
Financial Industry Standards	Air Methods	American Association of Radon Scientist and Technologists, Inc.	American Institute of Steel Construction
AccuWeather, Inc.	Air Movement & Control Association International	American Association of Textile Chemists & Colorists	American International Group, Inc.
Aclara Technologies, LLC	Akima	American Bankers Association	American Iron & Steel Institute
Acoustic, L.P.	Alabama Cullman Yutaka Technologies	American Bearing Manufacturers Association	
Acoustical Society of America	Alabama Department of Forensic Sciences	American Board of Multiple Specialties in Podiatry	
Acuant Corp.	Alabama Technology Network	American Boat & Yacht Council	
Adaptimmune, LLC	Alamo Group		
Adobe Systems Incorporated	Alcoa		
ADP, Inc.	Alert Logic, Inc.		
Adtran, Inc.	Allegheny Technologies Incorporated		
Advanced Digital Solutions International, Inc.	Allegro MicroSystems, Inc.		
Advanced Medical Technology Association	Alliance Data Systems		

American Ladder Institute	American Water Works Association	ARUP Laboratories	Aurora Innovation
American Nuclear Society	American Welding Society	Ashland, Inc.	Austin Police Department
American Oil Chemists Society	American Wind Energy Association	ASIS International	Australian Pipeline Valve
American Optometric Association	American Wood Council	Associated Air Balance Council	Auto Glass Safety Council
American Orthotic & Prosthetic Association	American Wood Protection Association	Associated Laboratories, Inc.	Automotive Industry Action Group
American Petroleum Institute	AmSpec, LLC	Association for Challenge Course Technology	Automotive Lift Institute
American Renewable Energy Standards and Certification Association	Analog Devices, Inc.	Association for Print Technologies	Avalara
American Road & Transportation Builders Association	Analytics 4 Life, Inc.	Association for Rubber Products Manufacturers	Avanade, Inc.
American Society for Nondestructive Testing	Antonin Scalia Law School	Association for the Advancement of Medical Instrumentation	Avanos Medical, Inc.
American Society for Quality	AOAC INTERNATIONAL	Association of Commercial Diving Educators	Avaya, Inc.
American Society of Agricultural and Biological Engineers	APA - The Engineered Wood Association	Association of Energy Engineers, Inc.	Avon Protection Systems
American Society of Baking	APCO International - Association of Public Safety Communications Officials Int'l	Association of Equipment Manufacturers	B11 Standards, Inc.
American Society of Civil Engineers	APIC Program of Distinction	Association of Home Appliance Manufacturers	Babcock Canada
American Society of Crime Laboratory Directors	Apple, Inc.	Association of International Product Marketing and Management, The	BAE Systems
American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.	Appvion	Association of Strategic Alliance Professionals	Baker & McKenzie Global Service
American Society of Mechanical Engineers	Architect of the Capitol	Association of Transportation Safety Information Professionals	Baker Group, The
American Society of Plumbing Engineers	Architectural Builders Supply	ASTM International	Baker Hughes, Inc.
American Society of Safety Professionals	Architectural Woodwork Institute	Atkins Energy Americas	Ball Metal Beverage Container Corporation
American Type Culture Collection	Arctic Slope Technical Services	Atlas Copco Rental	Baltimore Police
	Argentum	Atlas Lighting Products, Inc.	Bank of America
	ARGO AI, LLC	Audiovisual and Integrated Experience Association (AVIXA)	Bank of Hawaii
	Armstrong World Industries, Inc.		Barry Wehmiller Companies, Inc.
	Arrow Fastener Co., LLC		Battery Council International
	Artegraft, Inc.		Bausch & Lomb Incorporated
	Artisan Partners, Limited Partnership		Baxter & Woodman, Inc.
			BB&T Corporation
			BBA Aviation USA, Inc.
			BC Industrial, Inc.
			BD Diagnostics Becton, Dickinson and Company
			Beacon Industries, Inc.

MEMBER ROSTER

B-C

Beckman Coulter, Inc.	Broadridge Financial Solutions	Cast Iron Soil Pipe Institute	College of American Pathologists
Behavioral Health Center of Excellence	Broan-Nu Tone, LLC	Caterpillar Inc	Columbus McKinnon Corporation
Bellino Srl	Broward Sheriff Office Crime Lab	CC-Link Partner Association - Americas	Comau, Inc.
Bemis Company, Inc.	Brown Stove Works	CEDIA	Combe Incorporated
Benedictine University	BSI Group America, Inc.	Cell Signaling Technology, Inc.	Commissioning Agents, Inc.
Bentley Systems Incorporated	Builders Hardware Manufacturers Association	Center for Responsible Enterprise and Trade, TheChamberlain Group, Inc., The	Commission on Accreditation of Ambulance Services
Berkshire Hathaway Energy Company	Building Owners & Managers Association International	CenterPoint Energy	Commission on Accreditation of Medical Transport Systems
Best Cabinet & Granite Supply, Inc.	Building Performance Institute	Centers for Disease Control & Prevention	Commonwealth of Massachusetts
Beyond Air, Inc.	Bulk Handling Systems	Cerner Corporation	Compassion International
BHP Billiton Petroleum (Deepwater), Inc.	Bunn Corporation	Certified Automotive Parts Association	Composite Panel Association
BIC Corporation	BUTECH S.A.L.	CertiProf	Compressed Air & Gas Institute
BICSI, Inc.	CACI International, Inc.	Channellock, Inc.	Compressed Gas Association
BIFMA International	Cadence Design Systems, Inc.	Charleston Area Medical Center	Computer Science Corporation
Bio-Rad Laboratories	California Department of Water Resources	Chicago Mercantile Exchange, Inc.	Concept Systems, Inc.
Birket Engineering	California Independent System Operator Corporation	Cigna Corporation	Concrete Reinforcing Steel Institute
Bison Gear & Engineering Corp.	California Lottery	Cisco Systems, Inc.	Connector Manufacturing Co.
BlackBerry Limited	California State University, Office of the Chancellor	Citigroup Technology, Inc.	Construction & Location Jenik, Inc.
Black Diamond Structures	Camargo Pharmaceutical Service	City of Calgary	Construction Innovations
Blaize, Inc.	Cambridge Technology	City of Chandler Public Work and Utilities	Consumer Technology Association
Blue Cross Blue Shield of Arizona	Capital Group Companies, The	City of Grand Rapids	Continuity Project, LLC, The
Blue Origin, LLC	Capsule Technologie	Claborn Manufacturing Company	Contract Medical Manufacturing, LLC
BNY Mellon	Caradigm USA, LLC	Classic Industries- Ci Medical Technologies, Inc.	Conveyor Equipment Manufacturers Association
Boeing Company	Carclo Technical Plastics	Clinical and Laboratory Standards Institute	
Bonner County	Cargill, Inc.	CMH Services	
Boosted Boards	Carhartt, Inc.	CM Services, Inc.	
Booz Allen Hamilton	Carpet & Rug Institute, The	CNA Insurance	
Bridgers & Paxton Consulting Engineers	Carrier		
Bridgestone Bandag, LLC			
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C-E

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Cool Roof Rating Council	Deere & Company	Door & Access Systems Manufacturers Association	Electronic Components Industry Association
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CoServ	Deluxe Entertainment Services Group	Dues Portal Test Account	Emergency Management Accreditation Program
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Covenant Care Morgan Hill, LLC	Dental Trade Alliance	DuPont Specialty Products USA, LLC	EMSL Analytical, Inc.
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CSGI International	Design Chain Associates, LLC	E-Tech, Inc.	Entertainment Services and Technology Association
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CSL Behring, LLC	Diageo	Eastman Chemical Company	enVerid Systems, Inc.
CSST-Centre De Documentation	Dialight Corporation	Eastman Kodak Company	Environmental Protection Agency
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Custom Protect Ear, Inc.	Digimarc Corporation	EBW Electronics	ECC Corporation
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CyberLawfare, LLC	Discover Financial Services	EClinicalWorks	Ericsson, Inc.
Cypress Semiconductor Corp.	Diversified Inspections/ITL	ECM Therapeutics, Inc.	Erie Indemnity Company
	Divestuff Ventures	ECS Federal	Ernst & Young
	DLA Piper, LLP (US)	Edgewell Personal Care	ESAB
	Dober Services, LLC	Edison Electric Institute	ESI
	Doble Engineering Company	Educational Testing Service	Essential Dental Systems
	Document Center, Inc.	EIFS Industry Members Association	Eurofins Medical Device Testing
	Dolby Laboratories, Inc.	Eiko Global, LLC	Evlos Technology
		Electrical Apparatus Service Association	Evonik Corporation
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Factory Automation Systems	Frasca International	Gilbarco Veeder-Root	Hartford, The
Family Health International	Fraunhofer USA, Inc.	Giles Enterprises, Inc.	Headway Technologies, Inc.
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Fed By Threads	Freeport McMoRan	Glazing Industry Secretariat Committee	Health Level Seven
Federal Housing Finance Agency	Sierrita, Inc.	GL Noble Denton	Health Physics Society
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		North American Power Sweeping Association	Ohio State University--Center on Educational Training for Employment
			Oklahoma State University
			OmegaFlex, Inc.

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Owens & Minor, Inc.	PFISTERER Ixosil AG	Powder Actuated Tool Manufacturers' Institute	QUALCOMM Incorporated
P.I.P.E.	PACCAR	Powell Electrical Systems, Inc.	Qualitrol, LLC
PACCAR	Pacific Gas and Electric Company	Powell Industries, Inc.	R.P. Stone Consulting, Inc.
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	Phoebe Putney Health System, Inc.	Power Tool Institute	Rapid, LLC
			Rapid7, LLC

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Q-S

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Raypak	Rockwell Automation	Schlumberger Technology Corporation	Sierra Case Parts, LLC
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Recreation Vehicle Industry Association	RTI International	Seaspan Ship Management, Ltd.	SiteMaster
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S-U

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www.ansi.org

Headquarters

1899 L Street, NW
Eleventh Floor
Washington, DC 20036
202.293.8020

New York Office

25 West 43rd Street
Fourth Floor
New York, NY 10036
212.642.4900

