



**Global Electronics
Association™**

electronics.org

20 
25 **THE YEAR**
OF OUR EVOLUTION

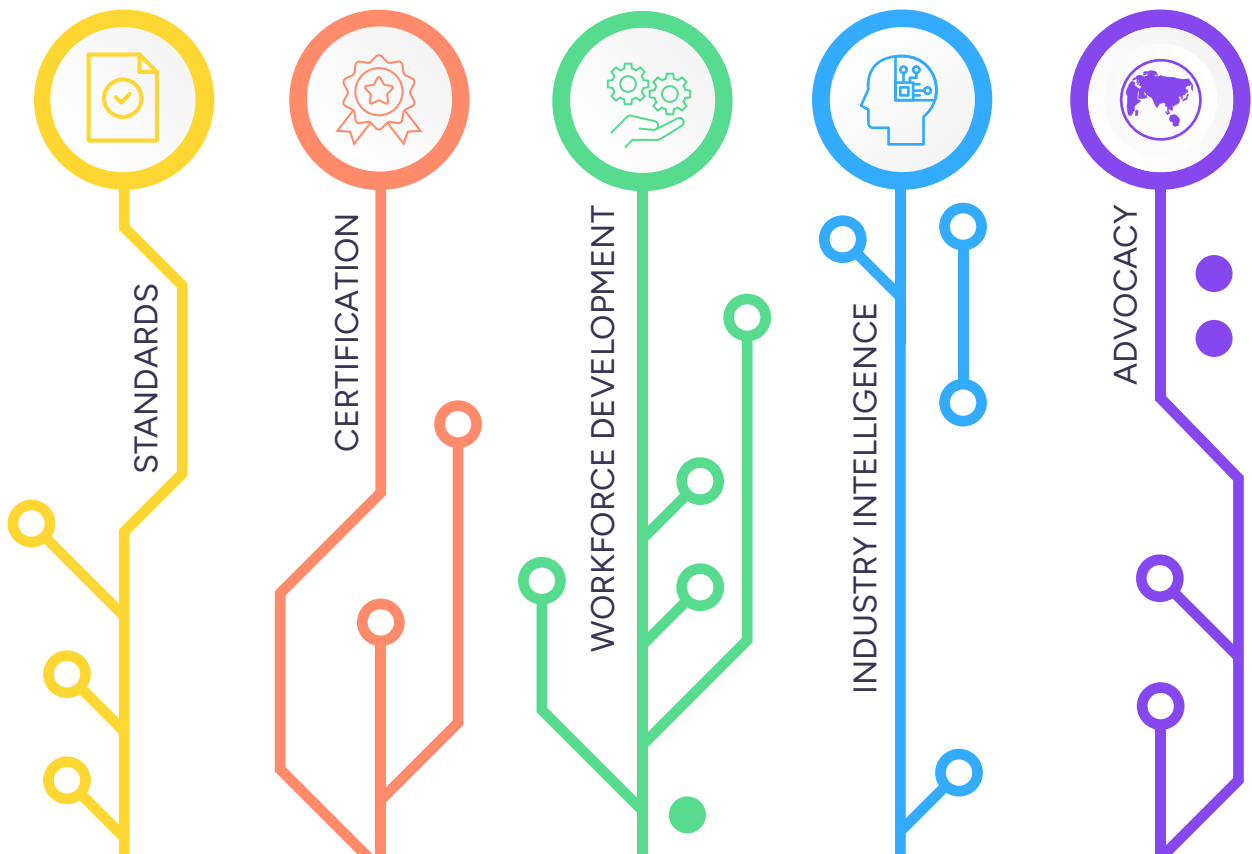


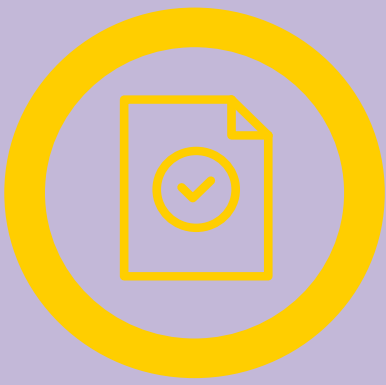
INTRODUCING THE **GLOBAL ELECTRONICS ASSOCIATION**

2025 WAS A DEFINING YEAR

Marked by our evolution from IPC to a name that fully reflects our global scope and mission, our focus remained the same: **Better Electronics for a Better World**. Across the electronics ecosystem, we advanced standards, certification, workforce development, market intelligence, and advocacy, delivering measurable impact for the \$6 trillion electronics industry.

Read on to see how the Association made an impact for the industry and for global members throughout the electronics ecosystem.





STANDARDS

Our IPC standards remain a cornerstone of the Association, playing a critical role in the industry. They not only drive innovation but also simplify processes for manufacturers worldwide. By developing meaningful standards and actively engaging with the community, we ensure they remain essential to industry reliance and advancement. In 2025, we:



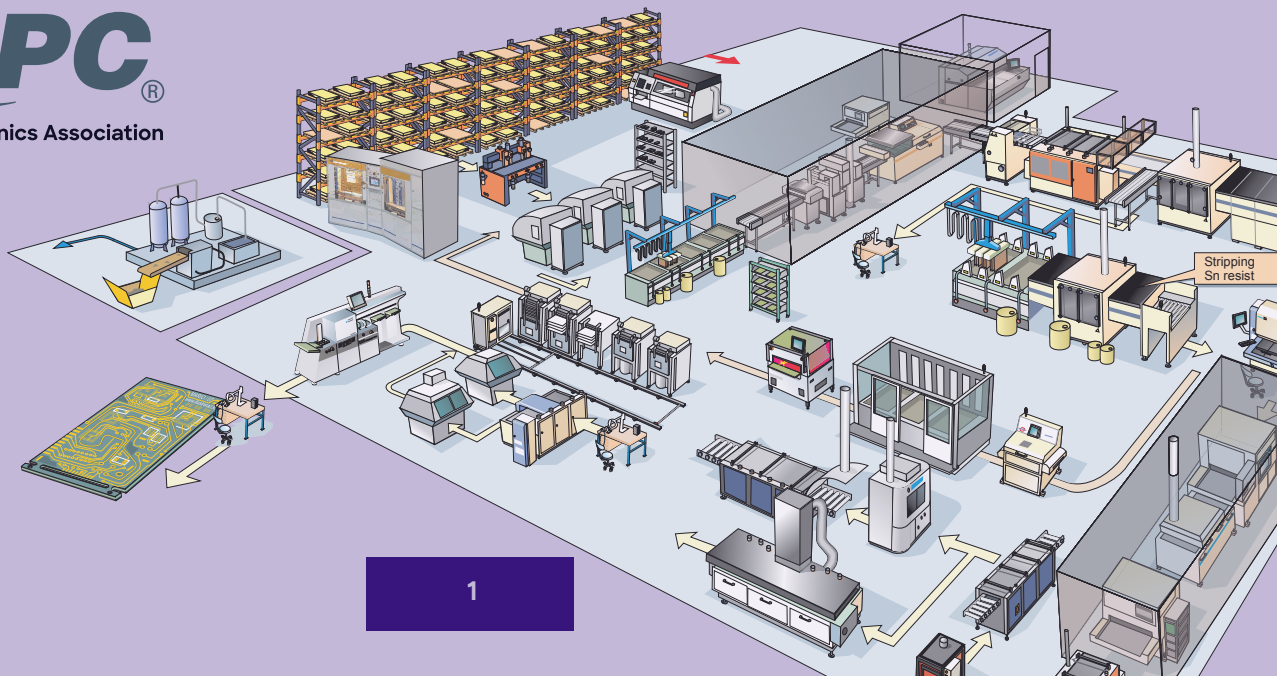
Published 15 standards, including major revisions to **IPC-600** and **IPC-620**, and new standards **IPC-6921** and **IPC-9716** supporting global electronics manufacturing markets.



Established a dedicated Next-Gen standards structure; advanced 11 standards to **FDIR ballot/e.g., 1783-CO2E, 9711/9712/9716**, expanding pipeline for advanced packaging, automation, sustainability, and digital manufacturing.



Launched a multi-year initiative to modernize systems, workflows, and tools: **early AI-ready content and beyond PDF formats** set the stage for advanced search, chatbots, and AI-enabled standards.





Electronics U

by Global Electronics Association

A resilient industry starts with a skilled workforce. Our workforce programs delivered measurable progress across regions and sectors.

Rebranded **IPC EDGE to Electronics U**, expanding our catalog to more than **100 courses** in 2025.

Surpassed **more than 1M** in workforce funding awarded directly to the Association and to member companies.

Surpassed **40,000 individuals registered** in free member courses (since launch) and more than **65,000 registrations** throughout all workforce training programs.

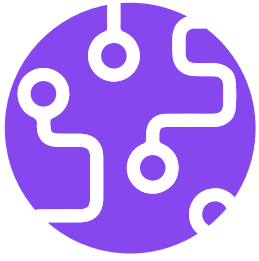


CERTIFICATION

Published **154**
new certification exams
in **11** different languages,
including **Spanish,**
French, and German.

140,000+
certifications were
awarded: **a new record.**

Launched the
**Altium Software
Certification** programs,
representing a partnership that
certifies individuals to an external
product, potentially opening future
partnership opportunities.

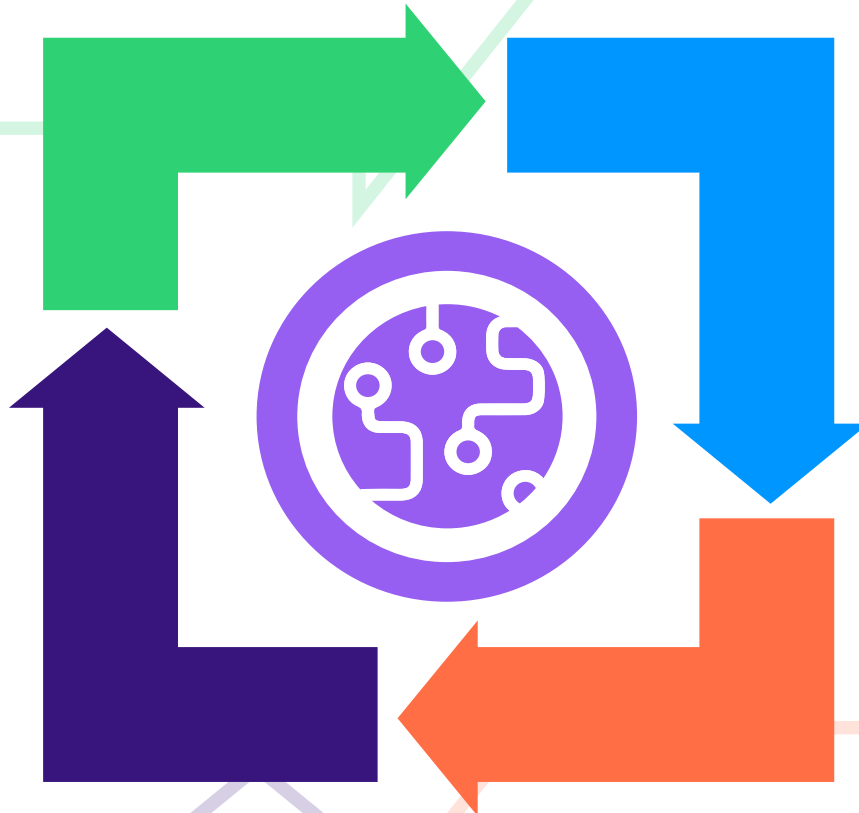


Electronics Foundation

by Global Electronics Association

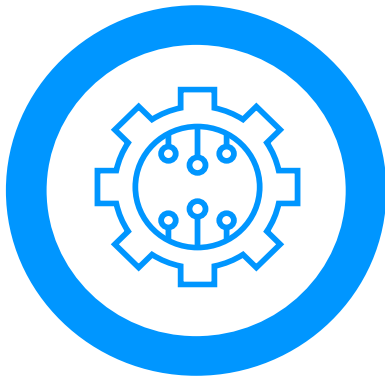
Rebranded the IPC Education Foundation as the **Electronics Foundation**

Grew the student chapter program **more than 60 percent, from 62 schools to 103.**



Launched the **Soldering STEM Kit** program and received **more than 2500 orders**

Received record interest from students in scholarships and award applications, poster presenter submissions, **Emerging Engineer** applications, and applications for the Student Board Liaison role.



TECHNOLOGY SOLUTIONS

Technology Solutions strengthened the Global Electronics Association's technical leadership and positioned the industry for the next era of silicon-to-systems innovation.

ADVANCED ELECTRONIC PACKAGING: THE SILICONE-TO-SYSTEMS APPROACH TO ELECTRONICS MANUFACTURING

Established AEP framework and strategy; launched the Advanced Electronic Packaging Technology Council (ADEPT) with leaders in AI/High Performance Computing (HPC), automotive/industrial, Aerospace, and Defense.

- Positioned the Association to influence tech direction, standards, training, and new solutions, Design for Manufacturing (DfM) tools, CFX/digital twin, Software Development Kits (SDK) across electronics and semiconductor packaging.

ESTABLISHED GLOBAL VISIBILITY AND ENGAGEMENT

- Delivered global workshops and events that strengthened AEP presence and generated opportunities for consortia, Next Gen standards, and training initiatives:
 - Pan-European Electronics Design Conference (PEDC)
 - China Electronics Manufacturing Annual Conference (CEMAC)
 - APEX EXPO by the Global Electronics Association
 - Institute of Electrical and Electronics Engineers (IEEE)- Build-up Substance Symposium (BUSS)
 - Institute of Electrical and Electronics Engineers (IEEE)- Electronic Components and Technology Conference (ECTC)

BUILT STRATEGIC PARTNERSHIPS

- Collaborated with Institute of Electrical and Electronics Engineers (IEEE), Fraunhofer, Purdue, MIMOS Berhad, Taiwan Printed Circuit Association (TPCA), and ITRI; engaged governments in the EU, Japan, and Malaysia.
- Positioned Association as a trusted advisor, expanding global standards, guidelines, and training footprints.

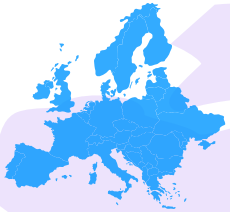


GLOBAL ADVOCACY



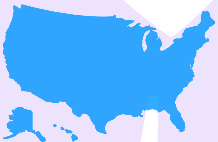
Our global advocacy efforts ensure that electronics manufacturing priorities are understood and acted upon.

EUROPE



Led industry coalition and campaign that triggered EC-sponsored dialogues to expand the **Chips Act** to include PCB/EMS and established an **ASD partnership on defense electronics**.

U.S.



Stood up **Trade Working Group** of leading electronics companies, leading to Association regulatory comments on copper, chips, equipment, medical technology, **USMCA**, and **AI**, and meetings with the Executive Branch.

GLOBAL



Launched **senior executive roundtables in Japan**, strengthening relationships with government and peer organizations.



INDUSTRY INTELLIGENCE

As the global landscape shifts, timely intelligence is essential. Our research and data offerings provided members with clarity, foresight, and confidence.

EUROPEAN DATA TRANSITION: Successfully integrated In4ma's EMS and PCB statistical programs, strengthening the Association's role as a trusted global intelligence source

BOLSTERED GLOBAL TRADE RESEARCH.

We launched the inaugural Trade Flows Report, achieving 500+ downloads, and established a scalable global trade-monitoring database.

GLOBAL EXPANSION. We increased global visibility through a new Industry Intelligence newsletter, enhanced regional content coordination, and added new surveys and research tools to deepen global engagement.



SUSTAINABILITY

Sustainability remains central to the future of electronics manufacturing. Our sustainability efforts helped align industry practices, policy engagement, and innovation on a global scale.

- The multi-channel rollout of Evolve included a website relaunch, a social media campaign, media engagement, op-eds, blog posts, and the “Wired for Change” Sustainability Sentiment Report.
- Established Global Sustainability Report (8,900+ subscribers), and secured more than 35 media placements, including the Wall Street Journal and CNBC.
- Launched the DMA Toolkit and 10 new technical resources to support compliance with complex regulatory reporting.
- Initiated Electronics X-Pilot, a data-exchange pilot with Flex and AT&S on next-generation supply chain data sharing.



GLOBAL REACH AND COORDINATION

EUROPE

Our Europe team built on past successes by remaining engaged with the electronics community across the region.

Strong Brand Engagement

- Held **30+ events**, with approximately **1,000 companies** engaged
- CEOs of **15/20 largest EMS firms** attended Paris event – Pan European association

Market Growth

- **31,000+ certifications** in aerospace, defense, energy, data, and industrial automation

European Commission Recognition

- Hosted **Chips Act** workshop for critical supplier input
- Trusted **EU policy** partner after three years of advocacy





GLOBAL REACH AND COORDINATION

EAST ASIA

East Asia continues to perform strongly, with increased membership, revenue, and strengthened regional industry partnerships.

- Taiwan exceeds **200 members**
- **770+ participants** in **20 task groups**: Hermes/CFX demo lines launched at Flex, Mitac, Delta; IPC-1401 ESG initiative started with Foxconn, ZTE, and others.
- **New brand** rollout, strategic **MOUs** Taiwan Electrical and Electronic Manufacturers' Association (TEEMA), Taiwan Printed Circuit Association (TPCA), Korea Testing Laboratory (KTL), **expanded talent** ecosystem, and **key events** in China, Taiwan, Japan, and Korea boost East Asia leadership.





GLOBAL REACH AND COORDINATION

INDIA AND SOUTHEAST ASIA

2025 was a landmark year of growth and transformation for the **Global Electronics Association** across India and Southeast Asia. Southeast Asia remained a key hub in the global supply chain, with Malaysia, Vietnam, and Thailand attracting sustained investment in quality, reliability, and skilled manufacturing. Our rebranding from IPC to the Global Electronics Association reflected these priorities, establishing a unified platform for standards, certification, and training that drives regional growth and global competitiveness.

Hand Soldering Competitions were organized across **Saudi Arabia, Australia, Vietnam, and Thailand**, expanding the global footprint in skill development and manufacturing excellence. Regional rounds of the **Wire Harness Competition** were held across more than **10 countries**, including **Thailand, Malaysia, the Philippines, Sri Lanka, India, Vietnam, Singapore, the UAE, Australia, and Indonesia**.

In **India**, the year focused on preparations for **IEMI 2026, South Asia's** premier electronics manufacturing forum. A major highlight was the collaboration with **DGQA (Directorate General of Quality Assurance)**, which contributed technical expertise to the development of Indian standards for PCB manufacturing and testing laboratories, thereby strengthening the country's defense and aerospace electronics ecosystem.



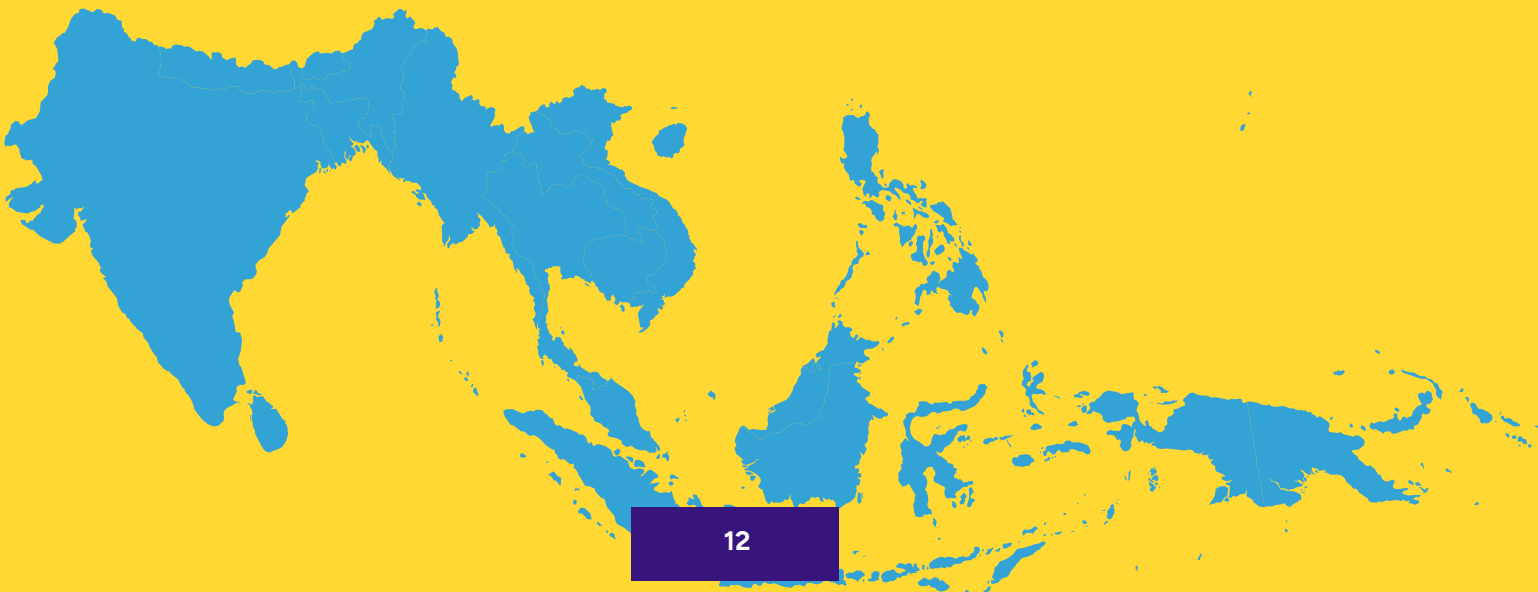


GLOBAL REACH AND COORDINATION

INDIA AND SOUTHEAST ASIA (CONTINUED)

Milestone year for **Malaysia** with the establishment of the Global Electronics Association **Malaysia Office and Training Centre** in **Penang**. The year also saw **HRD Corp registration**, enabling companies to access **claimable training programs**, and hosting the **Advanced Electronic Packaging Consortium Workshop**, which brought together over **200 participants** from government, industry, and academia. The workshop highlighted Malaysia's growing role in **advanced packaging and semiconductor integration**. To strengthen local operations, two new team members, including a Trainer, were appointed in Malaysia, further expanding industry engagement.

In **Vietnam**, the Association advanced localized standards by establishing a Standards Committee focused on EMS. In **Thailand**, the Association strengthened its ecosystem through targeted training, awareness of standards, and high-reliability manufacturing partnerships. A significant development was the appointment of a **Country Manager**, which reinforced local leadership and strengthened industry engagement. To further extend regional reach, a **Regional Coordinator** was appointed in **the Philippines**.





GLOBAL REACH AND COORDINATION

MEXICO

2025 was a year of consolidation, international visibility, and strategic relationship-building for Global Electronics Association Mexico. Our focus centered on **strengthening partnerships with government, academia, and industry, expanding our regional presence, and elevating Mexico's role within the global electronics ecosystem.**

We delivered key events and initiatives that significantly strengthened technical development and community engagement in the country. One of the most notable milestones was the **Hand Soldering Competition Mexico**, held in Guanajuato in collaboration with **Guanajuato's Government, AutomationHR, CEDECI and IECA**. The competition produced historic results: our regional champion represented Mexico at **Productronica Munich**, becoming the first Mexican to ever compete in the global finals and securing **7th place worldwide**.

Women's IPC Day 2025 in Ciudad Juárez brought together leaders from government, manufacturing, and STEM initiatives, reinforcing our commitment to visibility, diversity, and advancing women in the industry.

A major achievement this year was the signing of **academic collaboration agreements** with both the **UNAM (Unidad de Alta Tecnología, Juriquilla)** and the **UTEQ (Universidad Tecnológica de Querétaro)**. These partnerships position us to support long-term talent development and deepen our triple-helix engagement across Mexico.

We also expanded our membership base to **20 active member companies** and continued developing communication channels, including updated web content and our Mexico-focused industry newsletter.

2025 strengthened Mexico's foundation and visibility within the Association, and we enter 2026 with momentum, clear objectives, and an increasingly connected regional ecosystem.

TOP 5 HIGHLIGHTS - MEXICO 2025

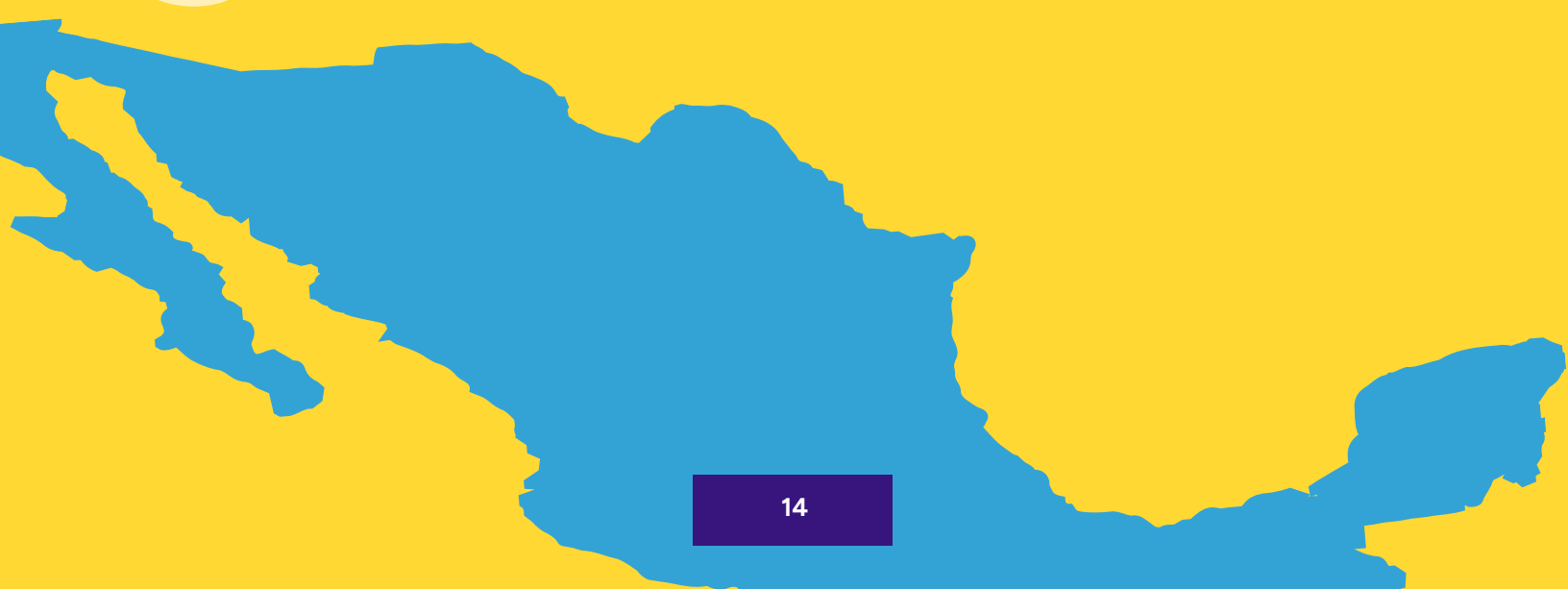
1 **Productronica 2025: Mexico's first-ever finalist at the Hand Soldering World Championship at Productronica (7th place worldwide).**

2 **Hand Soldering Competition Mexico (Guanajuato) with strong industry participation.**

3 **Women's IPC Day 2025 – Ciudad Juárez, strengthening government–industry–academia engagement.**

4 **Academic agreements signed with UNAM (UAT Juriquilla) and UTEQ, advancing education and workforce development.**

5 **Growth to 20 active member companies, plus additional agreements underway.**





GLOBAL REACH AND COORDINATION

U.S./CANADA

In 2025, we focused on advanced workforce development and engaged policymakers on critical issues for the electronics ecosystem.

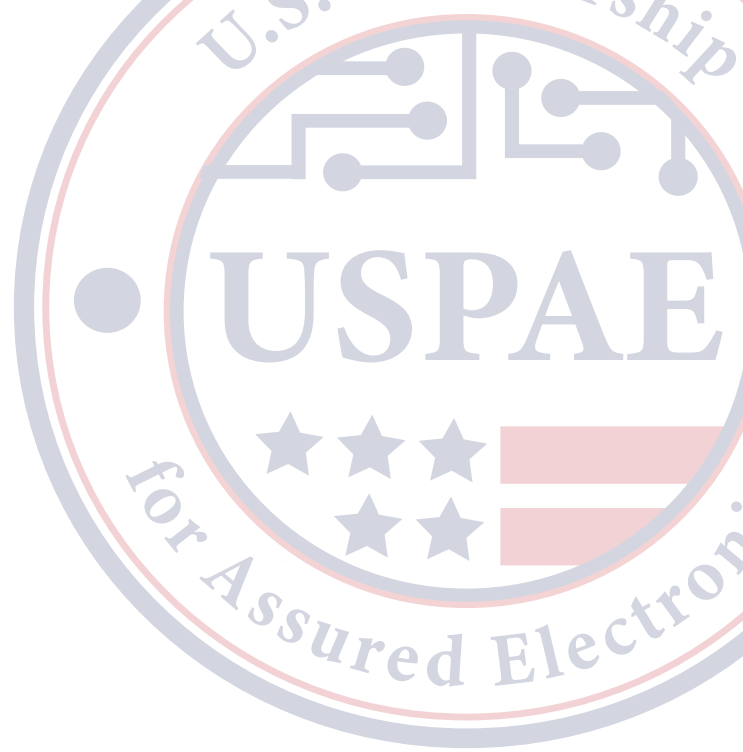
- Delivered **record** orders in workforce training programs in the region
- Strengthened strategic relationships through efforts to advance **IPC-2581 adoption** across global supply chains
- Secured **commitments** from Jabil, Flex, and TE Connectivity to jointly establish liquid cooling standards for next-generation AI data centers.
- Held successful events - **APEX EXPO, WHMA Leadership Summit** and the **Electrical Wire Processing Technology Expo (EWPTE)**.





USPAE

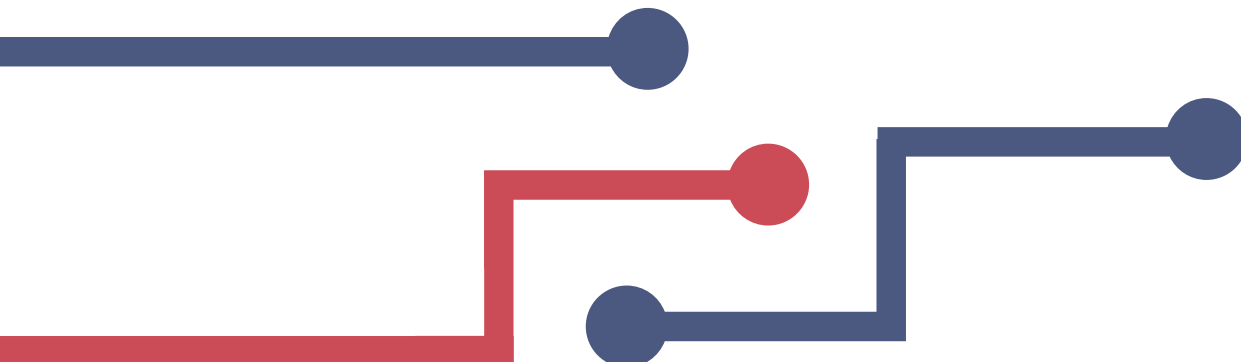
U.S. Partnership for Assured Electronics



USPAE

USPAE (U.S. Partnership for Assured Electronics) worked to strengthen the global competitiveness of the U.S. electronics industry through partnerships with the U.S. government.

- Reached a significant milestone with the new **SPRA** administration agreement with Purdue, realigning program schedules and positioning the Defense Electronics Consortium for continued support through 2028, including potential additional funding of **\$20.5M**.
- Hosted the **Flat Panel Display Workshop** to address the reliance on non-domestic display sources, submitting a **\$500K** proposal to DoW for critical FPD assurance needs.
- Facilitated the **NAVAIR** commercial tablet workshop to identify COTS component gaps for warfighter laptops, while USPAE completed the DBX Cluster Accelerator and Microelectronic Challenge MC programs, enhancing its role in innovation and national resiliency.



2025 THE YEAR OF OUR EVOLUTION

The achievements of the **Global Electronics Association** underscore the power of our member-driven community. By working together across global regions, we strengthened the industry's voice and set the stage for continued growth and impact in the year ahead.



**Global Electronics
Association**[™]

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