ANNUAL REPORT 2025

SAL

214
PROJECTS

176
PUBLICATIONS

382
EMPLOYEES

539
MEDIA REPORTS

SAL
SILICON AUSTRIA LABS

silicon-austria-labs.com

SAL is a leading European research center for Electronics and Software Based Systems (ESBS). From wafer to intelligent systems, we deliver cutting-edge solutions for industry and society — advancing sectors like health, energy, mobility, and safety.

Our mission: strengthen Austria's tech ecosystem, attract top talent, and enable breakthroughs that power the digital, green, and resilient future.

Peter Hanke
Federal Minister for Innovation, Mobility and Infrastructure

Key technologies are the driving force behind Austria's innovation and economic strength. With the Industry Strategy, we have outlined the path for Austria to reach the top 10 among OECD countries in industrial production by 2035. SAL plays a central role in this, for example through Europe's first pilot line for ion trap chips or the Chips Design Platform. Programs like these strengthen our competitiveness and solidify Austria's leading role as an innovation nation.

Marion Mitsch
CEO Austrian Association of the Electrical and Electronics Industry

Austria's competitiveness is built on outstanding research, innovation, and the ability to transform key technologies into value creation. As a strong research partner, SAL plays a decisive role in advancing this mission and, through its contributions to the European Chips Act, strengthens Austria's technological leadership. As a leading research center, SAL enables domestic industry to gain crucial competitive advantages by translating research into applications and implementing technologies efficiently.

Willibald Ehrenhöfer
Provincial Minister for Economics, Science and Research (Styria)

Microelectronics is an essential scientific and economic strength of Styria. In addition to our excellent universities and successful companies, Silicon Austria Labs is a key pillar of the outstanding ecosystem in the field of semiconductor technologies. This enables us to ensure sustainable growth and technological excellence. I would like to thank the entire team at Silicon Austria Labs for their excellent work for our research and business location.

Gaby Schaunig
State Minister for Research and Technology, Vice-Governor (Carinthia)

Silicon Austria Labs conducts cutting-edge research in the very fields that form the foundation of the green and digital transition. It is a major success that SAL plays a key role in the European Chips Act as a central research hub — strengthening Europe's technological sovereignty and competitiveness. As a cornerstone of Austria's research landscape, SAL opens up innovation access for companies and reinforces Europe's capacity to shape its digital future.

Markus Achleitner
Minister for Economics and Research (Upper Austria)

For Upper Austria, the country's number one industrial region, semiconductors are a key driver of innovation and competitiveness. The new Design Enablement Team at Silicon Austria Labs in Linz strengthens Upper Austria's role as a central hub in the European chip ecosystem. As a key player in the EU Chips Design Platform, SAL provides access to state-of-the-art design infrastructure and crucial know-how, accelerating innovation across automotive, Industry 4.0, and satellite communications.

Anton Plimon
Chairman of the SAL
Supervisory Board

Silicon Austria Labs advances applied research in electronics and software based systems by systematically building expertise, infrastructure, and a strategic portfolio of research projects. Its mission is guided by clearly defined lines of action designed to maximize impact for partners in industry. Three elements stand out in particular: SAL's open calls for strategically important research initiatives, a non-discriminatory mechanism designed for medium-term impact and synergetic collaboration; the establishment of Research Pilot Lines within the European framework, including advanced magnetic thin-film technologies and ion trap chip technologies; and a highly practice-oriented portfolio of Research Services that helps address urgent and specific technology challenges.

On behalf of the Supervisory Board, I would also like to express my sincere gratitude to our shareholders, whose continued commitment provides the financial foundation for this work. Together with a modern and internationally attractive corporate culture, this has made SAL a valuable pillar of innovation and competitiveness for its partners.

Klaus Bernhardt
Deputy Chairman of the
SAL Supervisory Board

Silicon Austria Labs plays a key role in strengthening Austria's competitiveness by combining cutting-edge research with the ability to turn key technologies into real economic value. Through its involvement in European Pilot Lines — such as the CHAMP-ION initiative under the European Chips Act — SAL provides companies with early access to next generation technologies and acts as a bridge to European value chains. This lowers market entry barriers, accelerates innovation, and strengthens both Europe's technological sovereignty and the growth of Austria's semiconductor ecosystem. Building on this strategic role, SAL enables domestic companies to develop, test, and deploy new solutions more efficiently and to position themselves more strongly within Europe's strategic innovation networks.

SAL leadership team

Silicon Austria Labs' greatest strength lies in its people — their expertise, curiosity, and dedication fuel innovation every day. Our leadership team sets a clear strategic direction while cultivating a culture that empowers individuals to thrive in both research and collaboration. By promoting openness, trust, and long-term thinking, they create an environment where ideas can grow and partnerships can flourish, ensuring SAL's role as a trusted partner and a leading force in Europe's technology landscape.

Christina Hirschl
Chief Executive Officer SAL

At Silicon Austria Labs, research excellence begins with our people. The passion, expertise, and dedication of our researchers, engineers, and employees make it possible to turn bold ideas into technologies with real impact. Together with our partners across academia, industry, and research, we strengthen Europe's innovation ecosystem and help bridge the gap between fundamental science and industrial application. We are proud to contribute to the EU Chips Act initiatives, advancing strategic technologies for Europe's future. At the same time, we remain deeply committed to environmental excellence, ensuring that innovation and sustainability go hand in hand in everything we do.

Isabel Tausendschön
Chief Financial Officer SAL

Sustainable success is built on a strong economic foundation and a culture where people can thrive. At Silicon Austria Labs, the commitment, talent, and collaboration of our employees are at the heart of our achievements and enable us to deliver lasting value to our shareholders, partners, and society. Through transparent financial management, responsible growth, and a clear focus on efficiency, we ensure stability while preserving our non-profit mission. Equally important is our commitment to social excellence—creating an inclusive, respectful, and motivating workplace where people from diverse backgrounds feel valued, empowered, and inspired to contribute their best every day.

Leading with vision, empowering innovation

CHRISTINA HIRSCHL
Chief Executive Officer

ISABEL TAUSENDSCHÖN
Chief Financial Officer

JÜRGEN KOSEL
Head of Research Division
Sensor Systems

THOMAS BUCHEGGER
Head of Research Division
Intelligent Wireless Systems

ALFRED BINDER
Head of Research Division
Power Electronics

MOHSSEN MORIDI
Head of Research Division
Microsystems

WILLIBALD KRENN
Head of Research Division
Embedded Systems

AYA COHEN
Head of SAL MicroFab

Highlights 2025

03/2025
SAL receives ISO 14001 certification for environmental management

05/2025
Project QARINTHIA wins Carinthian Innovation and Research Award

06/2025
Launch of new multi-firm calls in Power Electronics to accelerate collaborative innovation with industry partners

08/2025
Innovation Minister Peter Hanke visits SAL Villach

08/2025
SAL unveils its first 8-inch TFLN wafer, advancing scalable integrated photonics

09/2025
SAL-DC Summit in Leoben brings together PhD students and experts to strengthen scientific exchange and research communication

09/2025
Power Electronics for Energy Transition Symposium in Graz highlights innovations in automotive electrification, renewable energy, DC grids and sustainable power electronics

09/2025
SATCOM Forum in Linz gathers industry, research and government to advance secure European satellite communications

10/2025
Opening of the Ultra-Wideband (UWB) Application Lab in Graz together with Infineon

11/2025
SAL joins the EU Chips Design Platform as one of nine Design Enablement Teams

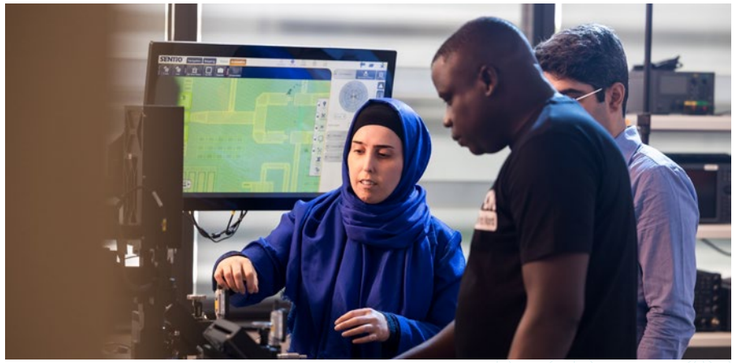
Excellence & impact

for a better tomorrow.

At SAL, excellence is not just a benchmark — it is a commitment to shaping a future where technology genuinely improves lives. In a world transformed by digitalization, we bring people and ideas together to create research that matters: greener, smarter, and deeply connected to society.

Our work thrives on curiosity, collaboration, and the belief that innovation gains meaning only when it serves people. By uniting scientific rigor with responsibility, we turn knowledge into real-world impact—advancing industry, protecting our environment and fostering a culture where every voice contributes to progress.

At SAL, we innovate with purpose, striving to build a future in which technology empowers communities and strengthens the world we share.



International Recognition & Awards

KLEINE ZEITUNG PRIMUS AWARD
for Silicon Austria Labs

KWF CARINTHIAN INNOVATION AND RESEARCH AWARD
for the project QARINTHIA

KWF CARINTHIAN INNOVATION AND RESEARCH AWARD NOMINATION
for the project HERITAGE

UAR DIVERSITY4INNOVATION AWARD – THIRD PLACE
for Mahin Ahmed

International Recognition & Awards

BRUTKASTEN INNOVATOR OF THE YEAR AWARD
for Christina Hirschl

FIRST PLACE AT FALLING WALLS LAB VILLACH
for Johanna Zikulnig

BEST WORK IN PROGRESS PAPER AWARD AT THE IEEE WFCS
for Mahin Ahmed, Lucas Haug, Raheeb Muzaffar, Damir Hamidovic, Armin Hadziaganovic and Hans-Peter Bernhard

BEST PAPER PRESENTED BY A WOMAN AWARD AT THE IEEE INTERNATIONAL WORKSHOP ON METROLOGY FOR AEROSPACED
for Fatemeh Abbassi

STEIRERIN AWARD NOMINATION
for Christina Hirschl

PHOTONICS FRONTIERS AWARD 2026 NOMINATION
for Gerhard Kroupa and Dmitry Tabakaev

EUROPA STAATSPREIS NOMINATION

SAL doctoral college

where research excellence begins – together.

The SAL Doctoral College (SAL-DC) brings together an international community of PhD students and experts, creating a unique environment where global perspectives meet cutting-edge ESBS research. Complementing university doctoral programs, SAL-DC offers additional supervision, career development and a vibrant network that strengthens scientific exchange across disciplines and cultures.

A highlight of 2025 was the SAL-DC Summit, where students and researchers connected through workshops, discussions, and expert keynotes on Scientific Communication. External speakers and ministry representatives enriched the program, and the MSCA-funded CRYSTALLINE initiative added new international impulses. For the first time, the summit opened its doors to external PhD students through a competitive call — fostering fresh perspectives and expanding the community.

Reaching 67 PhD students in 2025, SAL-DC continues to grow as a space where talent, global diversity and scientific excellence come together to shape the next generation of ESBS innovators.

SAL University Labs

Powering innovation through university partnerships pushes ESBS research forward.

USE LAB

UBIQUITOUS SENSING LAB

SAL & University of Klagenfurt (AAU)

The USE Lab advances sustainable sensing for robotics, focusing on stretchable, eco-friendly wearable sensors. In 2025, the team developed water-based alternatives to liquid metals and created tactile sensors that detect pressure and temperature for safer human-robot interaction.

IWS LAB

INTELLIGENT WIRELESS SYSTEMS LAB

SAL & Johannes Kepler University Linz (JKU)

The IWS Lab pioneers trustworthy wireless networks, advancing multi-channel transceivers, 5G testbed research and subband full-duplex communication. In 2025, a key highlight was new reinforcement-learning methods enabling scalable, low-latency resource allocation in complex industrial environments.

PERL

POWER ELECTRONICS RESEARCH LAB

SAL & Graz University of Technology (TU Graz)

PERL drives high-frequency power electronics based on GaN and SiC. In 2025, three new PhD projects launched work on minimizing parasitics, improving EMI behavior and enabling high-speed sensing—laying the foundation for next-generation ultra-efficient power converter designs.

Micro-systems

What if the smallest structures could unlock the biggest technological leaps? In the Microsystems Division, 2025 proved just how far micro- and nanotechnologies can take us.

The Microsystems Division transforms advanced micro- and nanofabrication capabilities into scalable, industry-ready technologies. Our mission is to integrate novel materials, innovative processes and next-generation device concepts into platforms that empower European and global partners to build the future of sensing, photonics and actuation. With strong expertise across piezoelectric, photonic, magnetic, and thin-film microsystems, MST bridges the gap between translational research and industrial realization—turning scientific breakthroughs into manufacturable, high-impact technologies.

In 2025, we strengthened our role as a key contributor to Europe's technological sovereignty. Through active engagement in major European initiatives and pilot lines, we helped accelerate the transition from laboratory developments to scalable industrial production. These pilot-line activities reduce technological risk for partners, support faster prototyping, and prepare emerging microsystem platforms for broader market adoption.

A central focus this year was the advancement of our piezoelectric technology platform. By maturing processes for lead-free materials, enhancing platform scalability and preparing multi-project wafer access, we laid the groundwork for a robust and open technology offering that will enable external partners to rapidly prototype next-generation piezoelectric devices. Complementary progress in thin-film integration and process stability ensures strong manufacturing pathways across sensing, actuation, RF, and photonic applications.

We also accelerated work on integrated photonics, with technology development supporting applications such as high-speed data communications, precision sensing, and emerging quantum components. The division's cleanroom and laboratory infrastructure—spanning deposition, etching, lithography, metrology, magnetic characterization and photonic testing—continued to serve as a powerful enabler for rapid iteration, design validation, and technology transfer.

Sustainability remains firmly aligned with our mission. Progress in lead-free piezoelectric materials, resource-efficient process strategies and responsible material choices reflect a proactive commitment to reducing environmental impact while enabling the next generation of sustainable microsystems.

Sensor Systems

What if the smallest signals could reshape entire industries? In the Sensor Systems Division, 2025 was the year we proved that they can.

At the interface of the physical and digital worlds, the Sensor Systems Division transforms raw signals into actionable intelligence. Our research spans sensors, photonics, and electronics, enabling smarter decisions in healthcare, environmental monitoring, industrial automation, and the connected infrastructures that define tomorrow's cities. By shaping how data is captured, interpreted and acted upon, we help set the technological direction for digital transformation.

In 2025, we advanced all core technology areas. In electronics, we pushed energy-efficient architectures and compact electronics solutions that support continuous data acquisition with minimal power consumption—an essential requirement for future smart systems. When classical electronics reach their limits, photonics takes over: from novel laser concepts and spectroscopy approaches to microsystems and biophotonics that enable non-contact measurements at unmatched precision. Printed electronics broaden our impact even further, making it possible to build flexible, sustainable, and even invisible sensor platforms.

Scientific highlights demonstrated the range and depth of our work. A new MEMS-based distrometer captures up to 166 droplets per second, analyzing particle shape and velocity in real time—a breakthrough for environmental monitoring. Our developments in sustainable materials led to a graphene-based, bio-derived ink with dramatically lower environmental impact, supported by a recycling concept that reduces waste across the device lifecycle.

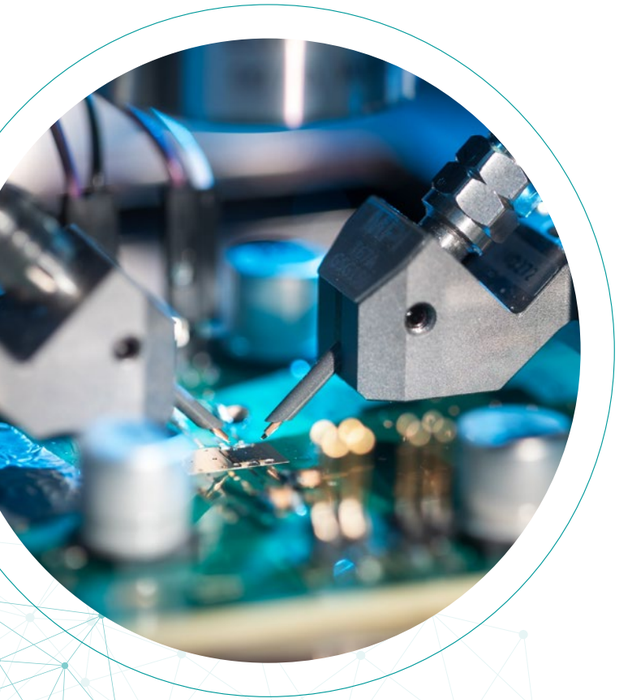
These advances are matched by strong engagement in international research communities. Our experts contribute to leading conferences, technical committees and editorial boards, helping shape global developments in sensing and photonics.

Industry collaborations continued to deliver high value. A fully self-powered condition-monitoring solution for industrial filter systems was transferred to manufacturing. A holographic height-measurement platform developed with an industrial partner now enables high-speed, high-resolution 3D deformation analysis of semiconductor components under extreme temperature cycling.

To support growing industrial and research needs, we continued expanding our validation infrastructure, adding capabilities for environmental, thermal, and reliability stress testing to accelerate the path from prototype to robust, certifiable product.

Intelligent Wireless Systems

What if wireless systems could sense, localize, and communicate with absolute precision—anywhere, anytime? In 2025, the Intelligent Wireless Systems Division moved that vision closer to reality.



The Intelligent Wireless Systems Division is pioneering the next generation of ultra-reliable, high-speed wireless technologies. Our mission is clear: to transmit vast amounts of data in real time, even in the most demanding environments, and enable seamless communication between machines, people, and infrastructure. By merging artificial intelligence, metamaterials, and modern chip design, we aim to transform how wireless systems perceive, interact, and adapt within future sustainable environments.

A major highlight of 2025 was the rapid establishment of an advanced ultra-wideband (UWB) application laboratory in Graz. Built in close collaboration with industry partners, the facility was completed in record time and now serves as a hub for developing innovative localization and communication solutions across automotive, industrial, IoT, and consumer applications. Its modern measurement tools and flexible testing environments accelerate the path from research concepts to robust, field-ready UWB technologies.

Beyond UWB, our broader wireless technology landscape continued to expand. 5G/6G, NR+, and non-terrestrial networks are becoming essential pillars for global logistics, agriculture, defense, and smart manufacturing—areas where robust, low-latency, interference-resilient communication is critical. Our 5G/6G testbed matured into a versatile experimentation platform used for high-precision positioning, channel characterization, and performance optimization in complex industrial environments. Combined with new indoor-localization capabilities, it forms a powerful environment for testing future real-time wireless systems.

In parallel, we strengthened our design capabilities. Preparations for a new European Design Enablement Team advanced significantly, supported by expanded Electronic Design Automation environments and an increasing focus on ASIC development. These efforts lay the foundation for a future in which customized semiconductor solutions become a strategic driver of Europe's digital sovereignty.

Sustainability also gained prominence. Together with partners across the electronics-based systems landscape, we advanced research on environmentally and socially responsible innovation. This includes developing digital product passport concepts, exploring sustainable business models, and contributing to Europe's evolving regulatory frameworks for greener technology development.

Our commitment to innovation, collaboration, and responsible technology development positions us at the forefront of next-generation wireless ecosystems. With cutting-edge research facilities, strong European partnerships, and rapidly growing technological momentum, we are helping build a future where wireless systems are not just faster—but smarter, greener, and more resilient than ever before.

Power Electronics

What if cleaner energy could be powered by converters no bigger than a book? In the Power Electronics Division, 2025 brought us closer to that future.

Power Electronics is the heartbeat of the clean-energy transition. In 2025, we accelerated the development of power-dense, high-efficiency converters that enable sustainable mobility, resilient energy infrastructures, and smarter industrial solutions. From on-board charging systems for electric vehicles to next-generation grid technologies, our work supports the shift toward a low-carbon, electrified world.

A central highlight was our contribution to a new generation of on-board charger prototypes. As part of a multi-partner initiative, we advanced innovative semiconductor technologies, sensing concepts, and compact system architectures designed to maximize power density and efficiency. A dedicated control board demonstrated how complex power-electronic systems can be regulated with a single microcontroller, while optimized component integration and new substrate materials improve thermal performance, durability, and sustainability. Additional work on alternative topologies, planar magnetics, and system-level simulations helps pave the way for leaner, more resource-efficient next-generation chargers.

Beyond e-mobility, we expanded our activities in DC-grid technologies and automotive inverters—areas that complement our established work in wind power, industrial power conversion, and charging solutions. This broadened scope attracted additional international partners, resulting in a more diverse and resilient project portfolio across Europe.

Scientific and community engagement also took a notable step forward. Our teams contributed to major conferences, strengthened the national innovation ecosystem, and co-organized the first Power Electronics Symposium in Graz—a new platform bringing together industry, research, and academia to advance sustainable power-electronic technologies.

Collaborative projects created visible economic impact: new traction inverter concepts, advanced DC-grid control strategies, and smart charging solutions were developed together with industry partners, enabling field-ready demonstrators and accelerating technology transfer. At the same time, our infrastructure continued to evolve. The ramp-up of our Wafer-Level Fan-Out Packaging Pilot Line enables cutting-edge system-in-package solutions.

Embedded Systems

What if embedded devices could think, decide, and optimize energy use all on their own—without ever touching the cloud? In 2025, the Embedded Systems Division showed what true Edge AI can achieve.

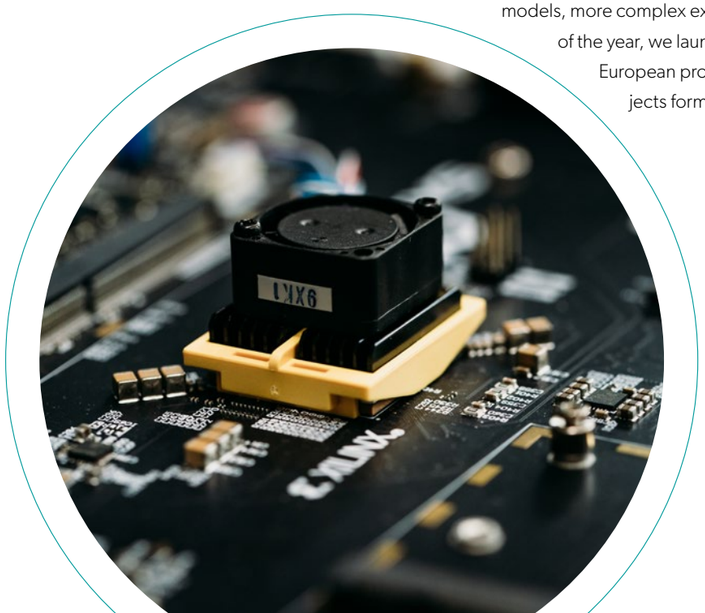
The Embedded Systems Division drives the development of trustworthy Edge AI, creating intelligent systems that operate autonomously, securely, and efficiently at the very edge of the network. Our mission is to deliver embedded intelligence that makes real-time decisions with high reliability—systems that are explainable, energy-efficient, and ready for deployment across demanding industrial and consumer environments. Through tight hardware-software co-design, we tailor AI models for low-power devices and unlock new levels of responsiveness and resilience.

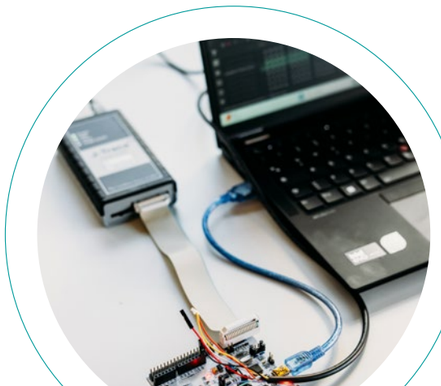
In 2025, our applied AI research created measurable industrial impact. We developed AI solutions for home appliances, battery management systems, decentralized bi-directional charging, and automated data extraction workflows. Models running on ultra-low-power microcontrollers achieved accuracy levels of 97–99%, even under extreme memory constraints—demonstrating how sophisticated intelligence can run efficiently on minimal hardware. At the system level, we built an open-source simulation environment to analyze interactions between dynamic electricity pricing, PV systems, batteries, and household consumption, laying the groundwork for future virtual power plant strategies with industry partners.

Beyond applied AI, the division advanced key research areas in virtual sensing, federated learning, efficient model optimization, and robust AI-driven decision-making. Demonstrators showcased our faster-than-real-time virtual sensing capabilities at major international events, while internal developments strengthened our ability to support industrial partners with model validation, software engineering, and real-time sensing solutions.

A growing focus in 2025 was the evolution of next-generation computing platforms. Our work on RISC-V hardware-software ecosystems expanded significantly, accompanied by new projects and community initiatives that strengthen Europe's path toward open and sovereign computing architectures. These activities support cross-divisional efforts such as design enablement and semiconductor competence centers.

To scale our research capabilities, a new high-performance AI server equipped with state-of-the-art accelerator technology was added to our infrastructure—critical for handling larger models, more complex experiments, and an expanding project portfolio. Over the course of the year, we launched ten new research projects, including several within major European programs. Together with ongoing multi-year initiatives, these projects form a strong foundation for the division's continued growth.





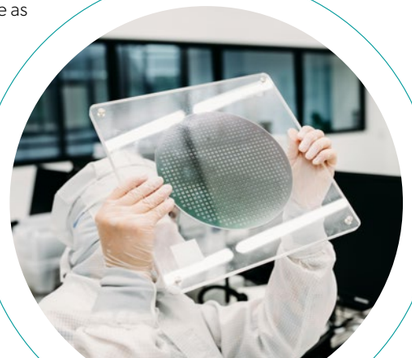
SAL MicroFab

What if Europe's most advanced fabrication technologies could move seamlessly from research concept to industrial reality? In 2025, SAL MicroFab brought that vision significantly closer.

SAL MicroFab continued its evolution as SAL's dedicated cleanroom fabrication division, operating two complementary facilities that together form the technological backbone of SAL's research platforms. Research Cleanroom I supports advanced micro- and nanofabrication for early-stage innovation, while the Industrial Bridge Cleanroom II progressed rapidly toward full ramp-up—marked by tool acceptances, infrastructure enhancements, and preparations for major installations planned for 2026 and beyond.

A central focus of 2025 was the establishment of a platform-based operational model that aligns fabrication capabilities closely with SAL's strategic technology areas. This platform framework — spanning photonic integrated circuits, piezoelectric MEMS, magnetic micro-components, quantum technologies, advanced thin films, and heterogeneous integration—now guides planning, investments, and roadmap decisions across both cleanrooms.

Participation in major European Chips Act pilot lines — including initiatives in photonics, wide-bandgap materials, magnetic and quantum technologies — brought additional momentum, securing significant CAPEX and OPEX resources to support tool upgrades and platform-aligned growth. These programs reinforce our role as a strategic enabler of European semiconductor sovereignty and position the cleanrooms as critical infrastructures for next-generation device manufacturing.



shaping europe's chip and quantum future

Silicon Austria Labs is a driving force behind Europe's semiconductor ambitions, playing a pivotal role in the implementation of the European Chips Act. Through its deep involvement in key pilot lines and competence initiatives, SAL bridges cutting-edge research and industrial application — positioning Austria at the forefront of microelectronics, photonics, and quantum innovation.

ADVANCING NEXT-GENERATION SEMICONDUCTOR TECHNOLOGIES

Within the FAMES Pilot Line, SAL contributes to the development of next-generation chip architectures that combine performance, energy efficiency, and sustainability. These technologies enable advances across applications such as 5G/6G communication, smart sensors, data fusion, and emerging quantum-ready systems. Complementing this, SAL's work in the Wide Band Gap (WBG) Pilot Line drives innovation in high-performance semiconductor materials, essential for electric mobility, renewable energy systems, and advanced power electronics.

A key pillar of Austria's semiconductor ecosystem is the Austrian Chips Competence Center (AT-C^3), where SAL acts as a central enabler. As a "one-stop shop" for chip design and prototyping, AT-C^3 connects industry and research to European infrastructure, fostering innovation and strengthening the competitiveness of Austrian companies across the value chain. SAL's expertise also extends to photonics through its role in PIXEurope, advancing Photonic Integrated Circuits (PICs).

ENABLING EUROPE'S CHIP DESIGN ECOSYSTEM

The EU Chip Design Platform and SAL's Design Enablement Team CHIPSIDEA jointly strengthen Europe's semiconductor innovation by making advanced chip design more accessible and application-ready.

While the EU Chip Design Platform provides a virtual environment that democratizes access for startups, SMEs, and research institutions, CHIPSIDEA (powered by SAL and ParityQC) adds hands-on, production-grade design enablement. Together, they connect digital design tools with real-world fabrication expertise and European pilot lines, accelerating the development of high-performance semiconductor solutions across mobility, energy, health, and digital infrastructure.

LEADING THE QUANTUM FUTURE

In the rapidly evolving quantum domain, SAL takes on a leading role as coordinator of the CHAMP-ION pilot line, driving the industrialization of trapped ion technologies with significant investment anchored in Austria. At the same time, SAL contributes to multiple European Quantum Pilot Lines, supporting the development of scalable, high-yield fabrication processes and the creation of quantum Process Design Kits, such as SUPREME, DIREQT and Q-PLANET.

With Austria participating in four of six initiatives, and a total expected investment of €290 million in Europe, these efforts mark a major step toward European leadership in quantum technologies.

Through its strategic involvement across these initiatives, SAL demonstrates how excellence in research translates into technological leadership—strengthening Austria's position as a key innovation hub within Europe's semiconductor and quantum ecosystem.

building a resilient organization. from people to processes.

We grow stronger by empowering our teams and continuously improving how we work. This combination drives a reliable, future-ready SAL.

VITAL4SAL

At SAL, the well-being of our people is a cornerstone of our culture. With Vital4SAL, we foster a healthy, supportive workplace through initiatives that strengthen both physical and mental well-being. From coaching and workshops to sports activities, preventive health check-ups, on-site massages, and community-building events like our Healthy Breakfasts, we make everyday health accessible and meaningful.

We are proud to have received the Seal of Approval for Workplace Health Promotion (BGF) for 2026–2028, confirming our ongoing commitment to a sustainable and healthy working environment. This certification underlines our belief that caring for our employees is essential for a future-oriented research and work culture. Through targeted measures and a holistic approach, we empower our teams to thrive — because strong, healthy people create strong, impactful innovation.

work & family

At SAL, supporting work–family balance is an essential part of creating a modern, people-centered work culture. In 2025, we continued to strengthen this commitment by redefining "family" in an inclusive way, expanding access to childcare and family-related resources, and improving communication and working etiquette across teams. We also placed a strong focus on leadership awareness, ensuring that managers actively support conditions that allow employees to thrive both professionally and personally. Together, these initiatives foster a work environment built on empathy, flexibility, and genuine care for the people who shape SAL every day.

management systems

At SAL, quality and sustainability go hand in hand. With our management systems in accordance with EN ISO 9001:2015 and EN ISO 14001:2015, we commit to the highest standards in quality management and environmental responsibility. These international norms guide how we structure processes, ensure reliability, reduce environmental impact, and continuously improve our operations.

The successful audits highlighted our strong systems, professional execution, and consistent team effort — affirming SAL's dedication to excellence, transparency and responsible research.

SAL in numbers

Shareholders

50.1 %
Republic of Austria

24.95 %
Austrian Association of the Electrical and Electronics Industry (FEEI)

10 %
Styrian Business Promotion Agency (SFG)

10 %
Federal State of Carinthia

4.95 %
Upper Austrian Research GmbH (UAR)

Publications & Patents

176
peer-reviewed publications

41
of publications with international co-authors

10
newly filed patents

Human Resources

Finance

12.2 Mio € investments

68.8 Mio € operating performance

Project Revenue

15.8 Mio € cooperative research

10.7 Mio € funded research

1.3 Mio € contract research

Numbers as of December 2025

At a glance

LOCATIONS

Sandgasse 34
8010 Graz

Europastraße 12
9524 Villach

Altenberger Straße 66c
4040 Linz

Information as of December 2025.

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