



SILICON **EUROPE**

*THE LEADERS FOR
INNOVATIVE ELECTRONICS
& SOFTWARE TECHNOLOGIES*



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SILICON EUROPE

The European cluster alliance for innovative electronics & software technologies

Silicon Europe unites the strongest European clusters in an alliance with access to the most advanced technologies and expertise in all fields of the electronics and software value chain.

Silicon Europe is the brand under which the leading European electronics and digitization clusters collaborate to represent, support and promote the companies and organizations of their regional business networks at European and global levels. Silicon Europe acts as an intermediary between all the relevant partners from research and academia, public authorities and industry.

This network of clusters stands for a new, industry-led level of transnational collaboration. It transfers the regional cluster concept of strong cooperation across organizational and institutional borders onto a European level. With more than 75 % of SMEs in its partner networks, Silicon Europe can be seen as the voice of SMEs.

Twelve renowned European clusters have joined forces to support Europe's goal to be the world's leading center for innovative electronics & software technologies. These clusters bring together the technological expertise and resources of Europe's leading research institutes and companies in the digital technologies and IoT areas such as micro and nanoelectronics, photonics, ICT and software.

Together, the cluster's ecosystems and their 2500 cluster members working on science and industry represent more than 400,000 jobs. Among these are ground-breaking research organizations, innovative SMEs and global players like Arm, ASML, ASM International, Atos, AT&S, Bosch, Cisco, Epcos, Gemalto, Globalfoundries, HPE, Infineon, Intel, Nexperia, NXP Semiconductors, Orange, Philips, SAP, Schneider Electric, STMicroelectronics, T-Systems and Thales. This makes Silicon Europe one of the top technology networks in the world.

WHAT CAN SILICON EUROPE DO FOR YOU?

A one-stop shop for creative solutions enabled by innovative electronics and software technologies

Silicon Europe is a unique entry point to a comprehensive network of key players in the field of micro and nanoelectronics, photonics, ICT and software in Europe, operating with the full support of the European community.

Silicon Europe offers

- A fast track for establishing successful partnerships with Europe's top public and private research institutes and companies in innovative electronics.
- A Europe-wide network allowing access to leading industrial players, dynamic small and medium-sized enterprises and cutting-edge start-ups.
- Access to top-class expertise and talent and the most advanced technologies at all stages of the electronics and software value chain.
- Tailored services to support international business development, European research funding and lobbying.

SUPPORT OF INTERNATIONAL BUSINESS DEVELOPMENT

Find technological partnerships

With a network of 2500 science and industry partners, Silicon Europe helps you find suitable technological partners and supports you in making a first contact.

TAILORED SERVICES:

Organization of B2B Matchmaking Events to foster international cooperation.

Organization of Open Innovation Days where large companies get the possibility to discover the highly innovative SMEs from Silicon Europe's partner clusters.

Organization of joint booths at fairs where companies can take advantage of the visibility offered by the large booth under the Silicon Europe brand at well-known trade fairs.

Forming of (R&D) consortia

Silicon Europe supports the consortia forming process based on its expertise of the different European cluster ecosystems and its extensive knowledge of European and national project calls.

Joint lobbying towards the EC

With established contacts in DG Grow and DG Connect (divisions of the European Commission for industry and communication networks), Silicon Europe plays a role in the conception of new European project programs.



Get more information on
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Or contact us via
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SILICON EUROPE
your first contact point for
innovative electronics & software
technologies in Europe!



12 CLUSTER PARTNERS

WITH 2500 INNOVATIVE MEMBERS
FROM 9 COUNTRIES



Want to learn more about our partners?
Visit our website www.silicon-europe.eu/partners



An example of Silicon Europe's technologies

SILICON EUROPE

A European ecosystem for innovation

Electronics are essential as key enabling technologies for all goods and services which need intelligent control and communication. This applies to sectors as diverse as transportation (including automotive and aeronautics), health, security and energy. Silicon Europe's ecosystem delivers the electronics and software technologies enabling these various applications.

- **Innovative Small and Medium-sized Enterprises (SMEs)**

SMEs are considered as the backbone of Europe's economy ensuring economic growth, innovation, job creation, and social integration in the EU. They represent 99 % of all businesses and have created around 85 % of new jobs in the last 5 years. (EC, 2017)

Innovative SMEs are also the driving force of Silicon Europe's cluster partners. More than 75 % of the players account for innovative and agile SMEs active in digital, mixed signal or analog electronics – more specifically in the stated technologies and applications fields above. Most of them are supplying world leading companies with their innovative products or solutions. Silicon Europe supports their specific needs such as international business development by using its network to help them overcome the barriers to increase their business opportunities abroad.

- **Major multinational corporations**

- **Top universities:**

4TU, Aix-Marseille Université, Imperial College London, KU Leuven, Politecnico di Torino, TU Dresden, TU Graz, University Bicocca Milan, University College Cork, Université Grenoble Alpes, UPV/EHU University of the Basque Country

- **Ground-breaking research centers**



Want to connect with
Silicon Europe's players?
Visit our website:
www.silicon-europe.eu

INTERNATIONAL COOPERATIONS

Increasing the visibility of Europe's industry abroad

Today, the electronics industry is a global industry. Many of the high-tech companies, whether large enterprises or SMEs are part of a global value chain. This means that, in particular for high-tech clusters, competition takes place on a global level. Therefore, international business development has become increasingly important to improve the competitiveness of enterprises of all sizes.

International Business Development is one of Silicon Europe's key strategic themes. The most important objectives with this regard are:

- Support electronics companies, and more in particular, SMEs, to be present in foreign markets either for business or partnerships.
- Attract foreign investment money or actors missing in Europe's value chain.
- Promote the European electronics industry worldwide.

THESE OBJECTIVES ARE ENSURED WITH SEVERAL ACTIONS:

Within Silicon Europe's internationalization initiative **Silicon Europe Worldwide**, the cluster alliance investigates foreign markets such as Taiwan and the U.S. amongst others. In order to help companies and organizations to enter these markets, several events have been planned and organized. These include the European Innovation Week 2016 in Taiwan as well as the Business Connection Forum in Albany 2017 amongst many others.



On October 26 2016, Silicon Europe and the Taiwan External Trade Development Council (TAITRA) signed an MoU at SEMICON Europa in Grenoble. Both parties aim to further strengthen their cooperation in support of Taiwanese and European joint business and technological endeavors.

Peter Simkens (DSP Valley, former chairman of Silicon Europe) and Mandy Wu (TAITRA),
Photo: Silicon Saxony e. V.



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CLUSTER PARTNERS & CONTACTS

Partners



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& High Tech Monza Brianza**
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