



Silicon Europe

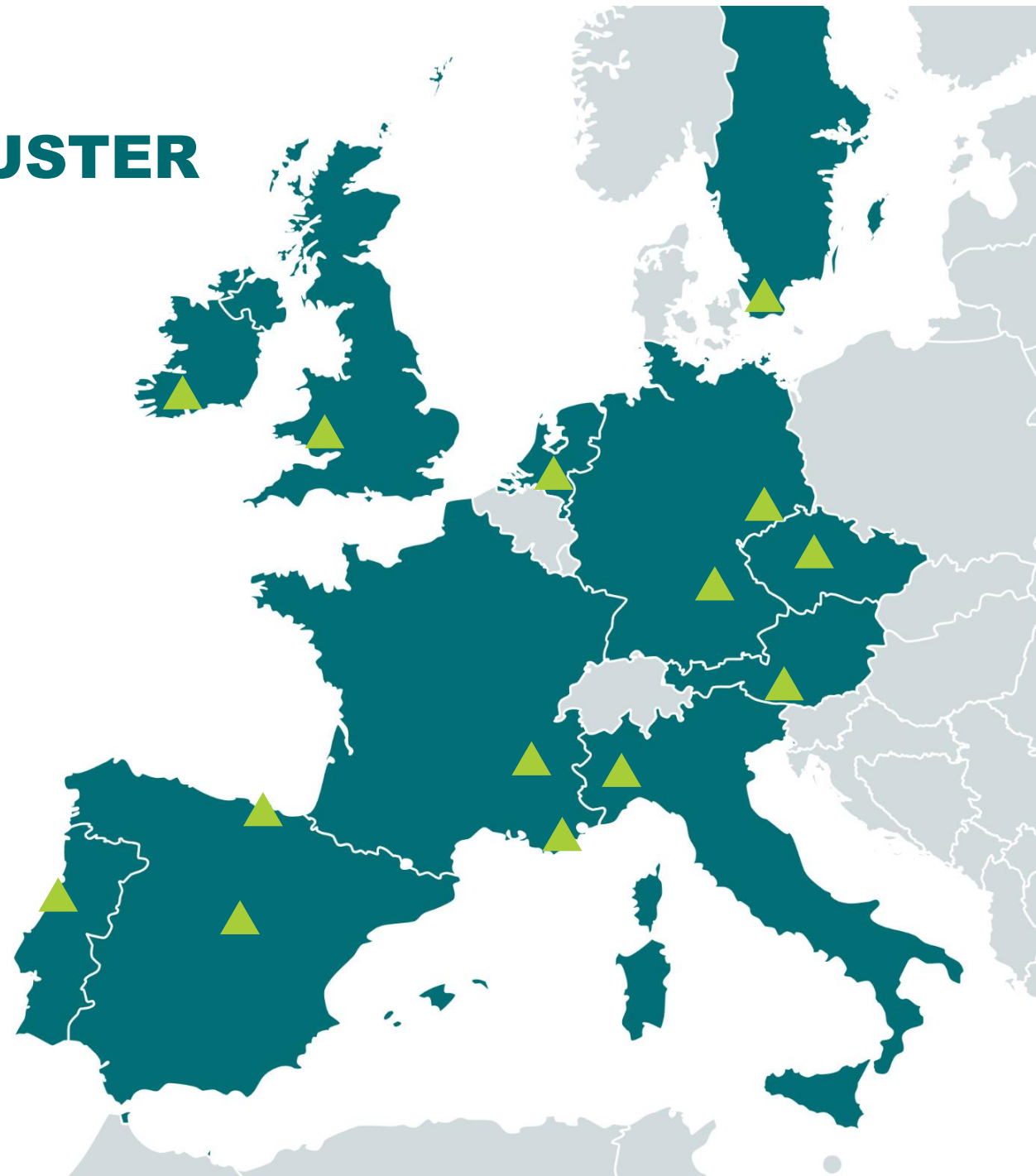
Your connection to innovative European SMEs



SILICON EUROPE EUROPE'S LEADING META-CLUSTER

We connect Europe's key regional ecosystems to accelerate innovation and strengthen Europe's technological sovereignty since 2012.

- **14** leading clusters
- **11** countries
- **>3000** organisations (65+ % SMEs)
- semiconductors, photonics, cybersecurity, AI, quantum, & emerging technologies



SILICON EUROPE ALLIANCE

OUR VISION



Silicon Europe is the **leading European alliance of clusters in (micro)electronics and digital technologies**, fostering transnational collaboration to drive innovation, competitiveness, and European technological sovereignty.

As a globally recognized meta-cluster, we **connect the major regional ecosystems** in semiconductors, photonics, cybersecurity, AI, quantum, and emerging technologies, enabling a green and resilient economy.

We serve as the **trusted voice of SMEs and start-ups**, ensuring their representation in shaping Europe's economic security and industrial future.



SILICON EUROPE OUR PRIORITIES FOR 2026



- ✓ Strengthen cross-cluster collaboration and shared strategy
- ✓ Coordinate joint SME/startup input for EU policies
- ✓ Boost competitiveness through joint initiatives and EU programmes
- ✓ Increase joint visibility at events and in communications
- ✓ Expand international partnerships across the semiconductor value chain



Together, we make Europe's (micro)electronics and digital technologies' regions stronger, more visible and more connected.

SILICON EUROPE ALLIANCE

WHAT CAN WE DO FOR YOU?



Silicon Europe offers

- access to Europe's top public and private research institutes and companies in innovative electronics, top-class expertise & the most **advanced technologies** at all stages of the electronics and software value chain
- a **Europe-wide network** allowing access to leading industrial players, dynamic small and medium-sized enterprises and cutting-edge start-ups

Potential for cooperation

- Find technological partnerships
 - Organization of B2B Matchmaking Events
 - Organization of Open Innovation Days
 - Organization of joint booths at fairs (SEMICON Europa, Taiwan etc.)
- Forming of (R&D) consortia

Contact



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The Impact on Innovation & Ecosystems

Networking and Connection

- Bridging Companies and Startups with Research Institutions
 - B2B, B2Science, Startups 2 Corporates
 - Supporting FDI Activities of the ESRA Regions
- Examples
 - Minalogic Business Meetings 26
 - Czech Semicon Days 2026
 - SiSax Days 2026
 - EBSCON 2026
 - ...

Innovation Drivers

- Initiating RTDI Projects
 - Coordinating Consortia
 - Make European Programmes SIMPLE & ACCESSIBLE
 - Cross Cluster Initiatives (Aerospace, Mobility, Electronics, Greentech, etc.)
- Examples
 - Euroclusters (Cascade Funding)
 - SURE 5.0 (Cascade Funding)
 -

Trendscouts and Position Papers

- Detect, Analyze, and Understand Global Trends and Relevant Developments
- Positioning the demands and need of the ECS community
- Examples
 - Recommendations to Chips Act II
 - Tech Trendscouting for the aCCcess Consortium
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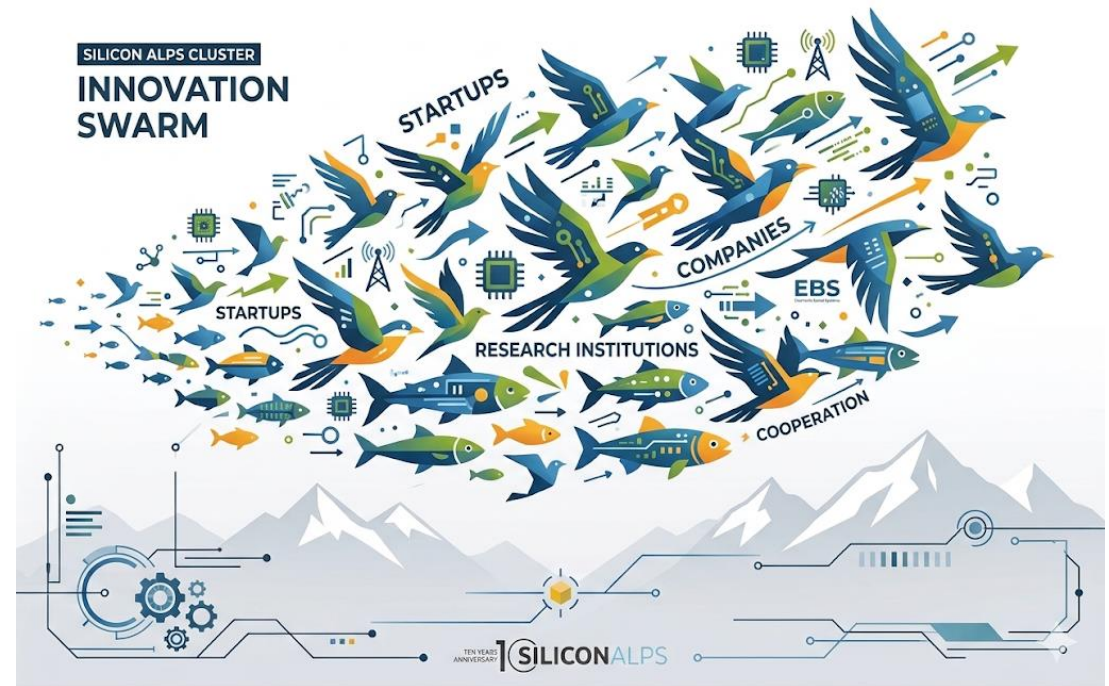
Networking and Connection

Examples in SEA

- Building Bridges powered by Trusted Partners
 - Conferences and B2B Partnerings
 - Combined with incoming and outgoing delegations
 - Moderated by cluster managers and teams
- The Value Added
 - clusters know all their partners and our partner cluster colleagues know their partners
 - Bringing powerful swarms together



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Google. (2026). *Gemini 3 Flash* (Version vom 18. Mai 2026) [Großes Sprachmodell / Bildgenerierungstool]. <https://gemini.google.com>

Metaclusters & Innovation Drivers

two powerful examples

Euroclusters SEA

- >50 European SMEs received direct financial support through **cascade funding**
- **25 green vouchers** for sustainability and circular-economy consulting
- **12 demonstration projects** involving around **25 SMEs**.
- The project funded **12 cross-border innovation projects** with around **€80,000** each



SURE5.0 – Cross Cluster

- >50 European SMEs received direct support €2.6 million distributed through **cascade funding**.
- **53 companies** implemented concrete Industry 5.0 transformation projects with grants of up to €50,000.
- **291 companies** used the developed self-assessment tool to evaluate their Industry 5.0 maturity level.
- **75 SMEs** created **individual transformation roadmaps**.
- 85 technical support services to 43 companies,
- 10 webinars with more than 400 participants and established a European “Community of Practice”.

SURE5.0

Trendscouts and Position Papers



Trendscouts



AI Trend Report

aCCcess - Technology News – Advanced Packaging

From November 18th, 2025 to May 18th, 2026

Content

- ▶ Trend & Polarity Map
- ▶ Trend 1: Co-Packaged Optics for AI Data Centers
- ▶ Trend 2: AI Drives Competition in Advanced Chip Packaging
- ▶ Trend 3: Thermal Management in Advanced Electronic Packaging
- ▶ Trend 4: Innolux's success in fan-out panel packaging
- ▶ Trend 5: Samsung's advanced chip packaging development
- ▶ Trend 6: Advancements in Fan-Out Panel-Level Packaging (FOPLP)
- ▶ Trend 7: Advanced Fan-Out Semiconductor Packaging
- ▶ Trend 8: Ayar Labs' Co-Packaged Optics for AI
- ▶ Trend 9: Thermal and Reliability Modeling for Advanced Packaging



Chips Act II Recommendations

- strengthen the entire European semiconductor value chain
 - not only leading-edge chip manufacturing.
- stronger support for SMEs, regional innovation clusters, advanced packaging, photonics, industrial electronics, and workforce development in order to improve Europe's technological sovereignty and supply-chain resilience.
- faster and less bureaucratic funding procedures.
- Europe must build on its existing strengths in automotive, industrial, and embedded electronics to remain globally competitive against the US and Asia.

SILICON EUROPE PARTNER CLUSTERS



Associated members:

