SILICON EUROCLUSTER

SMP-COSME-2021-CLUSTER

Joint Cluster Initiatives (EUROCLUSTERS)

for Europe's recovery

Project 101074552

Presentation of the project

PROJECT OVERVIEW

Silicon Eurocluster

Project No: 101052513

Project Full Name: Serving the electronics value chain for maintaining sovereignty in microelectronics, components and systems for a greener, more digital and resilient future Europe.

Duration 30 months

Start Date September 2022

Partnership 10 partners

Program SMP-COSME-2021-CLUSTER

Budget 1.564.176€

EU Contribution 1.399.650€

PROJECT MAIN OBJECTIVE

The **Silicon Eurocluster** project aims to achieve greater **European self-sufficiency**, with increased competitiveness and resilience in the **electronics value chain**, with specific attention to **SMEs**. The ultimate aim is to establish a **legal entity** and the strongest **European Joint Cluster Initiative** on innovative electronics (incl. IoT, micro and nanoelectronics, photonics, artificial intelligence, and embedded software).

OBJECTIVES

- Improve the **interlinkages** in value chains to enhance **resilience of EU industrial ecosystem**

- Build **capacities** in critical supplies and technologies to **strengthen strategic autonomy**

- Adopt processes and technology into **green** and **digitalized economy**

- **Train workforces** to attract talents

- **Go international** to boost global supply and value chains

- **Communication** actions

EXPECTED PROJECT OUTPUTS

3 **resilience preparedness**/**business continuity plans**

+/- 10 new-to-firm products or services.

12 innovation projects incl**. 25 SMEs; 25 Green vouchers**

Train workforces: 20 employees of the clusters; **25 companies** with **green vouchers**

15 companies Go international activity; 2 collaboration agreements with South Korean actors

800 followers on **LinkedIn**, and **800** on **Twitter**; **300 companies** (30 outside region SEA)

KEY PERFORMANCE INDICATORS

► 300 organisations to participate in the Silicon Eurocluster

► 20 business partnerships signed by the companies supported

► 50 SMEs will receive funding

► 20 cluster employees will be trained

► 5 SME will benefit from Internationalisation support.

PROJECT STRUCTURE (10 PARTNERS)

PARTNERS
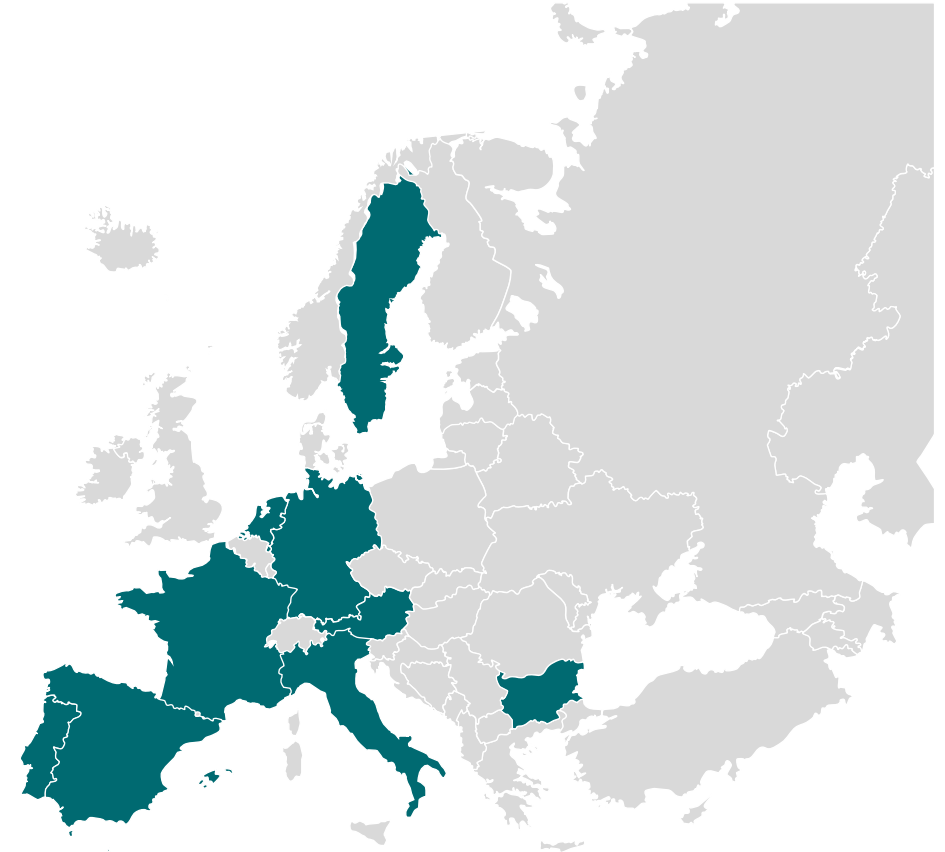
Main project tasks

WP2 ANALYSIS

- Analysis of market intelligence and trends
- Inform the electronic communities
- Silicon Eurocluster Community Platform

WP3 INNOVATION

- FSTP scheme design and management plan
- SMEs Call for proposals and selection
- Innovation project implementation and monitoring

WP4 SME SUPPORT

- Networking for RESILIENCE (Open Innovation Day)
- Boost Innovation (Exchange)
- Up-/Re-skilling of cluster managers
- Going International

Silicon Eurocluster

Open Calls

Month 7

Open call for demonstration projects to **support the adoption of digital technologies**

Month 12

Call for experts to select **expert companies in Green transition**

Month 18

Open call for Green vouchers to support the integration of **Green expertise into SME**

Publishment the open calls for proposals on

PROJECT PLAN

WP1 – Project management and coordination

WP2 Setting up the Silicon Eurocluster framework

WP3 - Adopt processes and technologies into a greener and more digital industrial ecosystem

WP4 - Silicon Eurocluster´s additional support to the SMEs - going beyond the cascade funding

WP5 – Dissemination & Communication & Sustainability

GANTT CHART – DELIVERABLES AND MILESTONES

ACTIVITY	YEAR 1				YEAR 2				YEAR 3	
	Q 1	Q 2	Q 3	Q 4	Q 1	Q 2	Q 3	Q 4	Q 1	Q 2
T1.1 Legal, financial and administrative coordination	D1.1, M1 (MIN)									
T1.2 Project coordination	D1.2, M2 (MIN)		D1.4 (MIN)					D1.5 (MIN)		
T1.3 Monitoring of the cascade funding mechanism										
T1.4 Internal website and communication										
T1.5 Risk management	D1.3 (MIN)									
T2.1 Analysis of market intelligence and trends -		D2.1, D2.2, M4, M5 (MESAP)		D2.3 (MESAP)						
T2.2 Inform our electronics communities and the application industries				D2.5, M6 (GA) M7 (MESAP)						
T2.3 Create of Silicon Eurocluster community platform	MS3 (MIN)			D2.4 (MIN)						
T3.1 FSTP scheme design and management plan		D3.1 (MH)								
T3.2 SMEs Call for proposals and selection		M7 (MH)		D3.2, M8 (MH)	D3.3 (MH)	M9 (MH)				
T3.3 Innovation projects implementation and monitoring							M11 (MIN)	D3.4 (MH)		D3.5 (MIN)
T4.1 Networking for resilience			D4.1 (SX)							
T4.2 Boost innovation						D4.3 (TC)				
T4.3 Up-/Re-skilling of cluster managers & SMEs						D4.4 (GA)		M12 (GA)		
T4.4 Going international								D4.5 (GA)	D4.2 (TC)	D4.6 (SX)
T5.1 Dissemination, outreach, and communication plan, incl. editorial plan	D5.1(GA)									
T5.2 Setting up an own identity and a project logo										
T5.3 Project website and newsletter	M13 (HT)									
T5.4 Project social media profiles		D5.3 (HT)								
T5.5 Communication on Open calls and results dissemination		D5.2 (GA)							D5.5 (HT)	D5.4 (GA)
T5.6 Creation of a registered association for the Silicon Europe Alliance										D5.6 (MIN)

www.silicon-europe.eu/

6 March 2023

For more information, please visit our website and follow us on social media