

Final Event - Results of International Cooperation on Semiconductors for European Economic Resilience



Location: Brussels, (Belgium)

Date: February 26th, 2026

Participants: High level speakers, researchers, EC representatives, ICOS members, Industrials



ICOS Final Event – Results of International Cooperation on Semiconductors for European Economic Resilience

Context

ICOS organised its Final Event under the shape of a workshop “Results & Recommendations of International Cooperation on Semiconductor for European Economic Resilience” on February 3rd, 2026 as a side event of the ECS Brokerage. The workshop presented the missions of ICOS to identify the needs and opportunities for international cooperation in a changing world ecosystem. International cooperation was introduced as key for speeding up technological innovation, reducing cost by avoiding duplicated research, strengthening complex semiconductor value chains, knowledge exchange, manage risks due to the turbulent geopolitical context, overcoming gaps in standardisation and skill shortage, and is encouraged by the new strategies of leading semiconductor countries and is one of the objectives of the EU Chips Act.

In this event, the final ICOS results were highlighted, including an assessment of strengths and weaknesses across the semiconductor value chains within EU and in leading semiconductor countries, strategic dependencies, market growth, and cooperation opportunities, the identification of the most promising emerging technologies for future applications, the highlight of priority research topics for international cooperation, based on critical needs related to technologies for advanced computation and advanced functionalities, covering smart sensors, smart energy, energy harvesting for autonomous systems and semiconductor-based photonics, the technological ecosystems and strengths in partner’s countries for possible future international cooperation, and the impact for EU.

Goals

The objective of the event was to present the results of the entire project to a broad and diverse audience, while also inviting external speakers who could engage and interact with ICOS experts. The event was designed to encourage dialogue, exchange of perspectives, and cross-fertilization between different stakeholders.

It also represented a major dissemination event, serving as the official closing event of the project and ensuring wide visibility of its outcomes and achievements.

Outcomes

The workshop provided an opportunity to disseminate the project’s results, with a particular focus on the recommendations. Its impact was amplified by the presence of members of the Commission. The panel sessions captured the perspectives of key stakeholders within the system, highlighting areas of consensus as well as disagreement, notably stemming from differing positions and priorities.

Impact

The event enabled effective dissemination of the recommendations and led to a series of posts and articles on LinkedIn highlighting both the recommendations and the project’s results. Recommendations regarding the main topics for future international cooperation were highlighted based on the main challenges of the semiconductor roadmaps, the strengths and gaps at EU and international levels, and the possible impact for European industry and semiconductor ecosystem in growing markets.