

## What is ICOS?

ICOS is a three-year **Coordination and Support Action (CSA)** from the European Commission, part of Horizon Europe. It is an ambitious project in the framework of the European strategy on semiconductors.

## ICOS Objectives

**Identify and support** the establishment of the most promising scientific international collaborations through an in-depth analysis

**Support the growth** of the European Semiconductor industry

**Support the Commission** in its effort to re-establish the global position of Europe in the semiconductor value chain

**Support the development of pivotal technologies** for all industrial sectors

ICOS aims to enhance the competitiveness and sovereignty of Europe in the field of semiconductor, by developing international cooperation. Through deep analysis and foresight studies, ICOS identifies emerging technology segments and pinpoint areas of strategic importance for research collaboration. By leveraging strengths and addressing gaps and weaknesses in the European semiconductor landscape, ICOS will drive innovation forward. ICOS will contribute to highlighting research subjects aligned with European strategic goals, to translate insights into proposals for bilateral or multilateral cooperation.

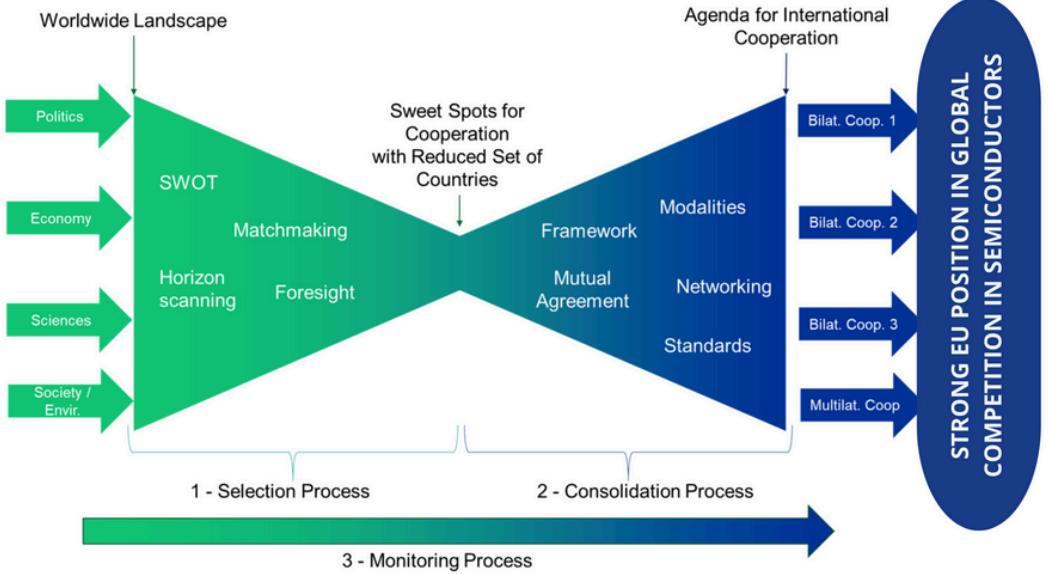
Based on the ICOS results, we advise the European Commission on collaborative actions to build balanced semiconductor partnerships on topics of mutual interest, to be implemented with leading semiconductor countries, supported by an in-depth risk-benefit assessment, in line with the objectives set out by the **EU Chips Act**.

## ICOS RESULTS >



- Economic Landscape Analysis to identify opportunities for international cooperation
- White paper: Generic Challenges and International Cooperation in the Semiconductor Field - A European Perspective
- Report on Futures Technologies for Advanced Functionality
- Report on Futures Technologies for Advanced Computation

# How?



# Partners

## Academics



## RTOs



## Industrials



## Associations & Consulting companies



# Advisory Boards

## Industrial Advisory Board

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Head of Semiconductor Research Dep.



**Jose Pozo**  
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Chairman



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