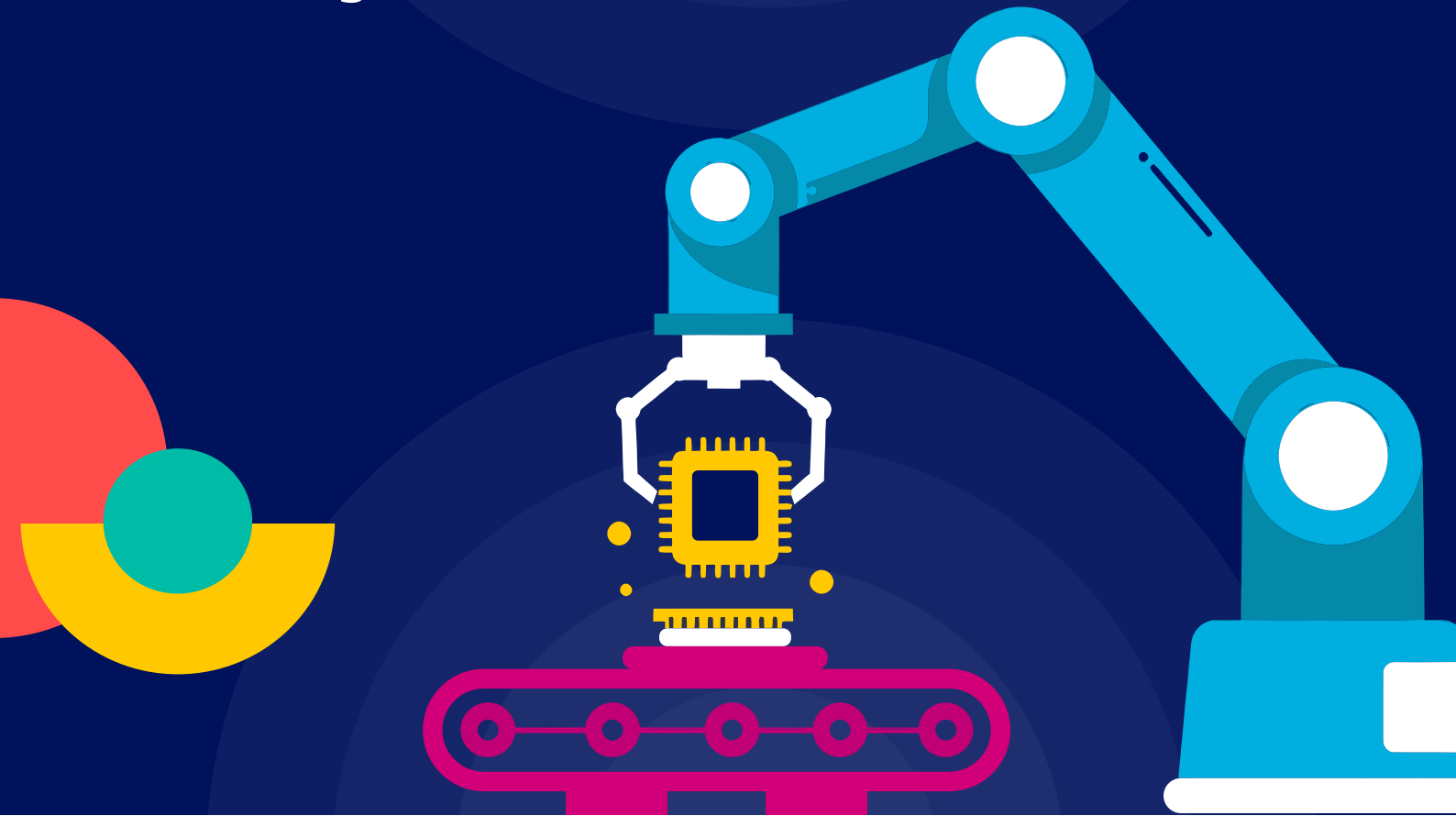


Microelectronics and Supply Chain Resilience: Collaboration on the Base of Digital Infrastructures



Context

Semiconductors are the backbone of the global digital economy, powering everything from smartphones and electric vehicles to advanced manufacturing and critical infrastructure. Growing geopolitical uncertainties, rising demand, and supply chain disruptions have made semiconductor resilience a strategic priority worldwide.

The EU and India are deepening cooperation on semiconductors to ensure supply chain security, promote technological innovation, and reduce over-dependence on a few geographies. At the national level, the EU has launched the EU Chips Act, aiming to double Europe's global market share in semiconductors by 2030 and strengthen its technological sovereignty. India, through the India Semiconductor Mission (ISM), is seeking to position itself as a trusted global hub for chip design, manufacturing, and talent development.

Together, their partnership is focused on three strategic pillars: supply chain resilience, joint innovation and research, and skilling the workforce to meet the semiconductor industry's future needs.

Objectives



Strengthening the shared commitment of the EU and India towards a digital future that is open, democratic, secure, and human-centric.

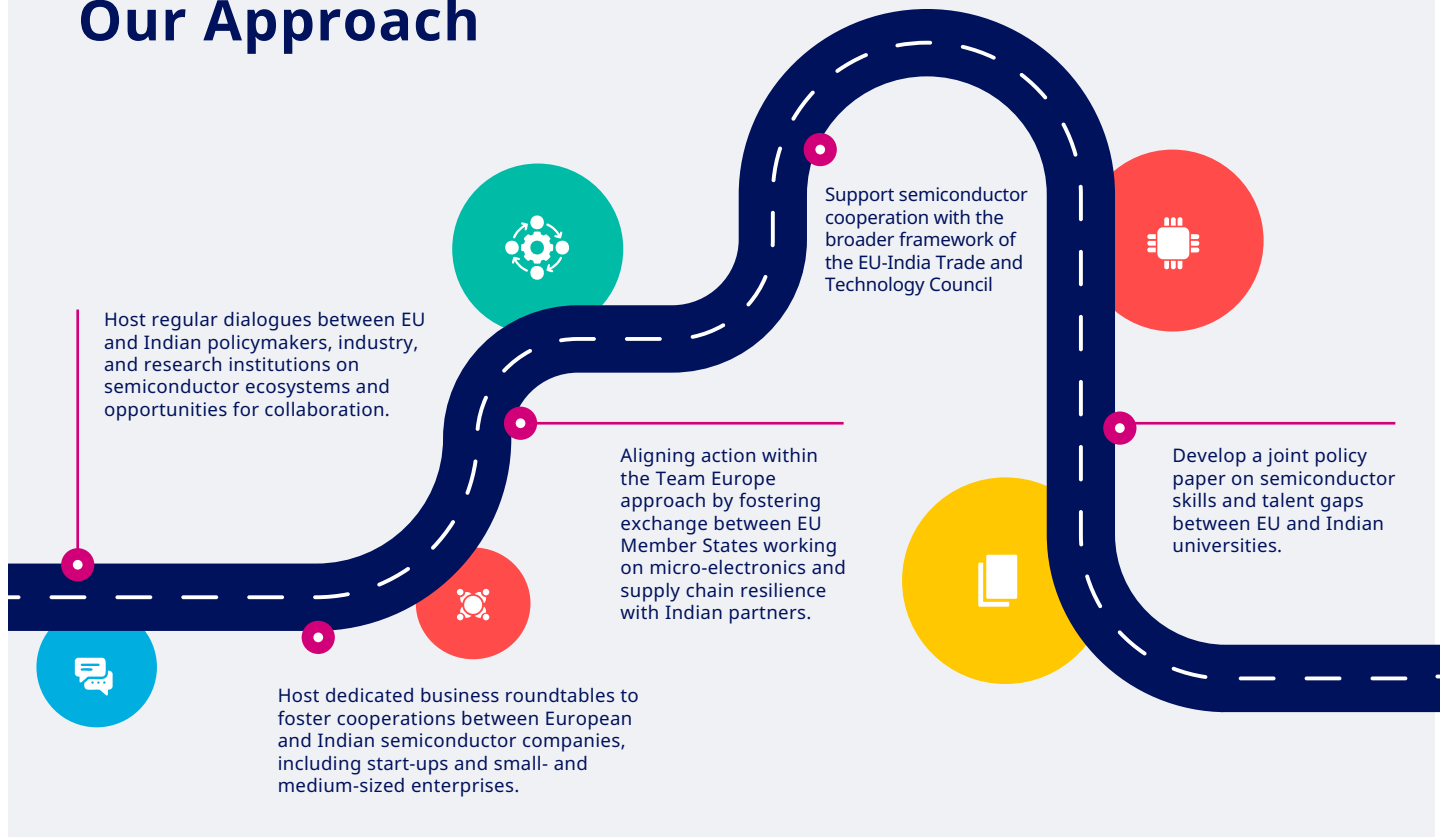


Co-creating capacity, capability, and credibility, and supply-chain resilience in semiconductors.



Promoting industry-academia collaboration on semiconductor skilling programmes, joint curricula, and mutual recognition of certifications.

Our Approach



Current State of Cooperation

Under the EU-India Trade and Technology Council (TTC), Working Group a Memorandum of Understanding (MoU) on semiconductors was signed in November 2023, laying the foundation for cooperation on ecosystems, supply chain resilience, innovation, and market information sharing.

A policy paper analysing the gaps in semiconductor skilling in EU and Indian universities is underway.

Key Areas for Further Collaboration



Support through research in the form of policy papers to facilitate exchange of semiconductor professionals and students



Networking events and roundtables to foster partnerships between industries in both regions.

Moving Forward



Policy paper on semiconductor skills and talent gaps between EU and Indian universities to support the skills and talent exchange in the two regions.



Strengthening cooperation across priorities on semiconductor capacity building and market resilience between both EU and India.

About Us

The EU-India Digital Policy Dialogue is a multi-stakeholder initiative committed to advancing digital economy and policy cooperation under the EU-India Trade and Technology Council Working Group 1 on strategic technologies, digital governance, and digital connectivity.

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