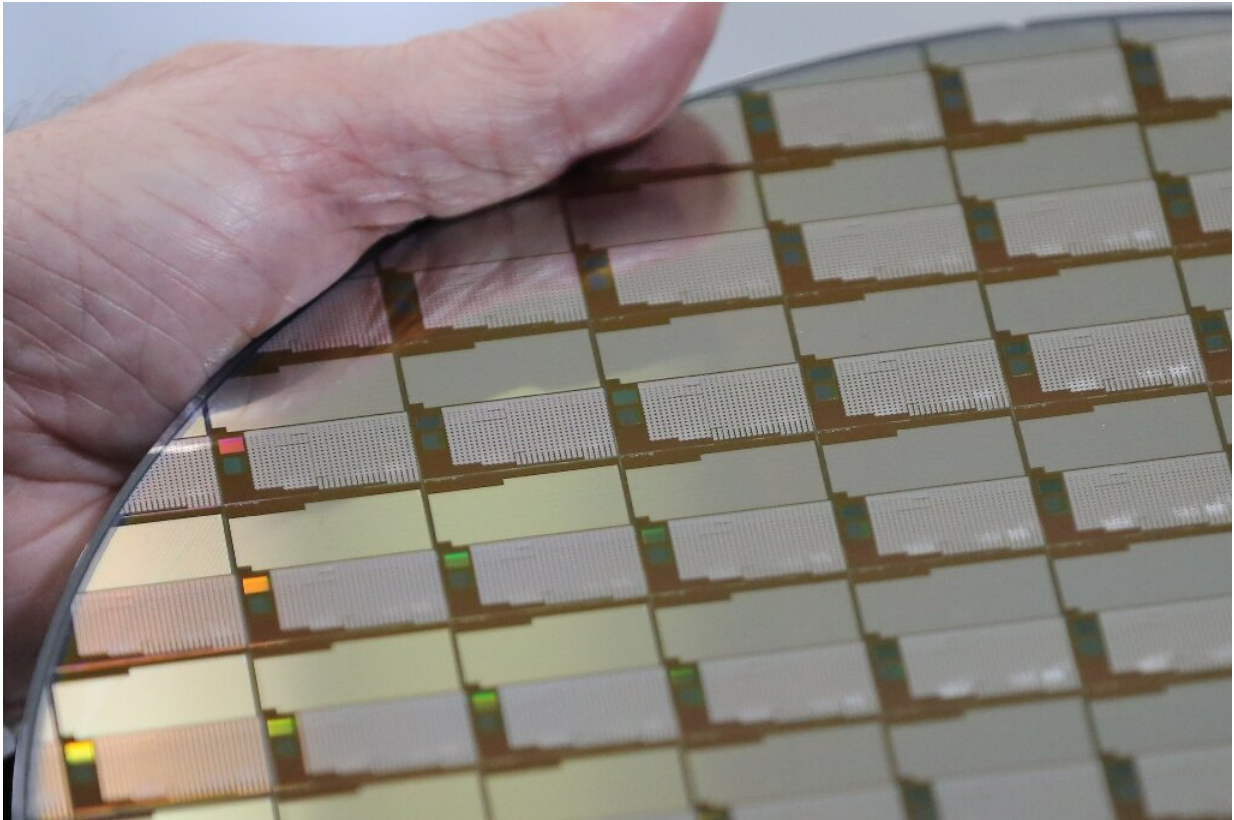


EU agrees plan to boost chip production

April 18 2023, by Anne-Laure Mondesert with Raziye Akkoc in Brussels



The EU has made producing chips a strategic priority after the coronavirus pandemic caused supply chain shocks.

The European Parliament and EU member states reached an agreement Tuesday on a plan to boost the supply of semiconductors in Europe, as the bloc races to reduce its dependence on Asian suppliers.

The European Union has prioritized local chip production after the coronavirus pandemic triggered supply chain shocks that led to significant shortages.

Asian industry, especially firms in China and Taiwan, currently dominate the manufacture and export of semiconductors.

EU chief Ursula von der Leyen said the deal "will allow for a competitive chips industry and build the foundation for a global market share. It will power a clean tech industry made in Europe and strengthen our digital resilience and sovereignty."

Under the provisional political agreement, the EU aims to double its current global market share to 20 percent in 2030 and mobilize more than 43 billion euros (\$47.2 billion) in public and private investments to feed Europe's growing appetite for chips.

Europe will need to quadruple its production to meet this target.

Funding will come from existing EU budget money and the deal will also loosen state aid rules to spend money on developing centers to produce the key component.

The EU will also mobilize 3.3 billion euros for research and development, and the deal includes a system to monitor supply shortages to act in times of crisis.

The legislative text also forms part of the bloc's bid to produce more in Europe to reduce its vulnerability to geopolitical shocks like the war in Ukraine.

When Russia invaded Ukraine last year, the EU scurried to find alternative energy sources after years of relying upon Russian fossil

fuels.

"This will allow us to rebalance and secure our supply chains, reducing our collective dependence on Asia," Thierry Breton, the EU's industry commissioner, said in a statement after the parliament and the European Council reached an agreement.

Hunger for chips

Europe was under pressure to act fast.

In August, the United States approved its own Chips and Science Act that included around \$52 billion to promote production of microchips and tens of billions of dollars more for scientific research and development.

Japan and South Korea have also vowed to spend billions on developing their countries' semiconductor production.

Washington has leaned on allies including Japan and the Netherlands this year to curb exports on semiconductor technology to China, much to Beijing's chagrin.

French-Italian chipmaker STMicroelectronics, US-based GlobalFoundries and US tech giant Intel said last year they would pour billions into new production sites in France and Germany. They will now be able to seek state subsidies for their projects.

Brussels is racing to protect the bloc's competitive edge in the face of threats from China and the United States, which have plowed billions into green technology.

Last month, the EU's executive arm published two proposals to push

Europe to produce more clean technology including critical raw materials needed to manufacture batteries for electric vehicles.

"Europe aims to become an industrial powerhouse in the markets of the future -- the digital and clean technologies that will allow us to remain a competitive export force, generate quality jobs and ensure our security of supply," Breton said.

"Because there will be no green or digital transition without a strong manufacturing base," he added.

© 2023 AFP

Citation: EU agrees plan to boost chip production (2023, April 18) retrieved 4 May 2024 from <https://techxplore.com/news/2023-04-eu-boost-chip-production.html>

<p>This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.</p>
--