

## Resilient Semiconductor Value Chain for Sustainable ASEAN

Azrul Azlan Hamzah

Director, Research Fellow and Senior Lecturer, Institute of Malaysian and International Studies (IKMAS), Malaysia

In 2024, Malaysia and ASEAN economies have come up as the unexpected winner in the global semiconductor trade war. This has opened up tremendous opportunities for Malaysia and ASEAN economies not only to participate, but also to thrive in the next semiconductor industry boom. ASEAN economies have to align and strategize their supply chain in the semiconductor industry from raw materials all the way to finished products, in order to maximize long-term gain from this semiconductor boom. End-to-end supply chain of silica and other semiconductor metals will be discussed, along with specialized back-end fabrication of the finished products within the ASEAN economies.