

Study 2 — Canadian Automotive Electronics Ecosystem

This study proposes a structured vision for the future Canadian automotive electronics ecosystem and identifies the main technological, industrial, and institutional drivers required for its development.

The report maps Canada's existing capabilities in microelectronics, embedded software, power systems, artificial intelligence, advanced manufacturing, and integration of critical electronic systems.

The study also presents a progressive deployment approach between 2026 and 2040, including strategic infrastructure, industrial partnerships, government support mechanisms, and potential impacts on innovation, highly skilled employment, and Canadian technological sovereignty.