

Innovation Management

Research & development policy

As initiatives to address global climate change and achieve the Sustainable Development Goals (SDGs) accelerate, the question of what form mobility should take to contribute to the realization of a sustainable society has come to the forefront. The Astemo Group is pursuing technological innovation with the MISSION of “contributing to a sustainable society and improved quality of life by providing world-leading advanced mobility solutions.”

In response to the three trends of “Green,” “Safety,” and “Digitalization,” we are working to provide environmental and social value through: [Green] contribution to carbon neutrality and a circular economy through efficient powertrains and innovative construction methods; [Safety] contribution to zero traffic accidents through autonomous driving (AD), advanced driver assistance systems (ADAS), and advanced chassis; and [Digitalization] contribution to mobility in the software-defined vehicle (SDV) era through vehicle architecture and Internet of vehicles (IoV) platforms.

In terms of environmental value, we are contributing to the realization of a better global environment through the development of highly efficient electrified products and technologies that reduce CO₂ emissions. In terms of social value, we are striving to improve safety, comfort, and quality of life through AD/ADAS and advanced chassis technologies. Through these initiatives, we will contribute to improving people’s quality of life and our customers’ corporate value as a “global mobility solutions provider that contributes to a sustainable society.”

Research & development themes

Environmental value

Contributing to a better global environment with highly efficient electrified products and technologies that reduce CO₂ emissions

Green

Highly efficient powertrains and innovative construction methods for carbon neutrality and circular economy

Astemo

Global mobility solutions provider that contributes to a sustainable society

Digitalization

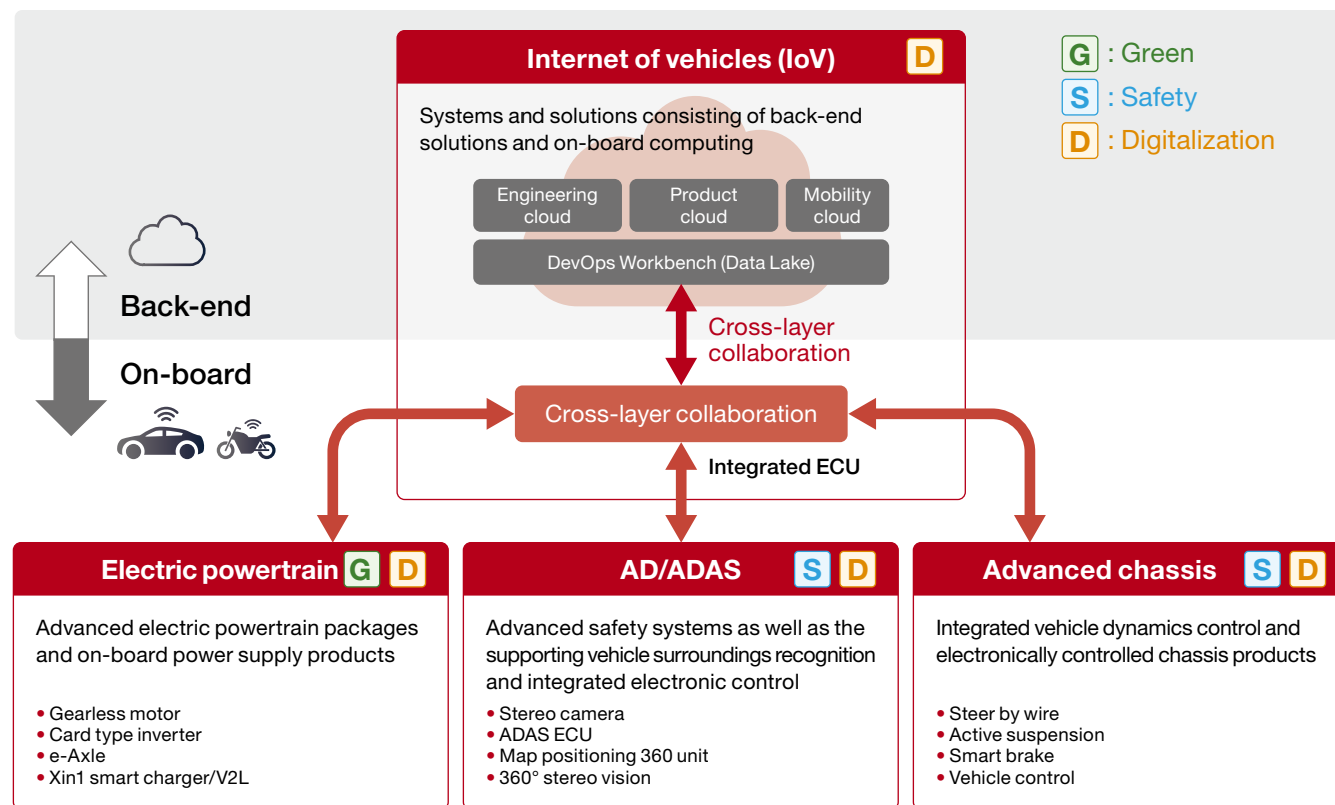
Contribution to mobility in the SDV era through vehicle architecture and IoV platforms

Safety

Contributing to the realization of zero traffic accidents through AD/ADAS and advanced chassis

Social value

Improving safety, comfort and quality of life with the AD/ADAS and advanced chassis



AD: Autonomous driving / ADAS: Advanced Driver / Assistance systems / DGM: Detailed Geometry Map / e-Axle: Electric axle
 ECU: Electronic control unit / SOC: State of Charge / VSOC: Vehicle Security Operation / V2L: Vehicle to load