

# Environment, Security & Safety

Reducing Environmental Burden and Traffic Accidents through Cutting-Edge Technological Development

## Environment Field

In the environment field, DENSO will target “ultimate efficiency” and continue to promote the development of products that place less of a burden on the environment by focusing on fuel-saving technologies.

In the case of the internal combustion engine (ICE), we will develop combustion and exhaust gas technologies and work on overall improvements in thermal efficiency. We will also promote electrification by offering smaller and lighter hybrid products. Leveraging the technologies gained from internal combustion and hybrid vehicles, we will develop new powertrain products like those installed in fuel-cell vehicles, and realize not only improvements in reliability and efficiency but also significant reductions in cost.

At the same time, paying close attention to improvements in fuel economy, our target is to halve the gap between actual fuel economy and catalog fuel economy by 2025. To realize this, we will promote the development of technologies that increase air-conditioning efficiency—such as by detecting the driver’s position and providing automatic optimization by means of “single-seat concentration air conditioning”—and heat-pump technology that recovers heat from the outside air.



