



## Elmos Semiconductor SE ESG Policies

Section: Environment  
 Chapter: Energy efficiency  
 Policy: Energy efficiency of Elmos products  
 Supported UN SDGs:



Addressed GRI standards: 302

Energy efficiency and environmental friendliness are the focal point of the development of Elmos semiconductors. The majority of our products are designed to make the applications of our customers more efficient.

The automotive semiconductors from Elmos make a substantial contribution to reducing the CO2 emissions of vehicles. Semiconductor solutions in electronics have made a significant contribution to reducing global CO2 fleet emissions in recent years. Elmos is making a contribution to this development through a wide range of automotive components, such as power management solutions for powertrains, efficient LED lighting, high-efficiency motor control systems for HVAC and cooling, aerodynamics optimization, sensors for automatic lights, and efficient DC/DC converters.

Elmos' applications for optimizing the configuration of radiator grille shutters and cooling fans, or for battery monitoring, are compelling solutions for intelligent and efficient energy and battery management, particularly in electric vehicles.

A comparison between Elmos' CO2 emissions and the CO2 savings made possible by Elmos' ICs shows that our products help save a significantly higher amount of CO2.

**Accompanying documents** Energy Efficiency and Climate Protection Network Certificate (German only)  
**KPIs** ESG impacts of the Elmos product portfolio