



## Study: Automotive Pathway to net-zero

### Mastering the twofold goal of decarbonization and profitability in the automotive sector

Transforming the global economy to achieve net-zero emissions by mid-century is an unprecedented economic challenge. The automotive sector is a cornerstone of the world's mobility systems and a key pillar of the global economy. At the same time, it is also a major contributor to climate change. Over the past few decades, car manufacturers have made significant improvements in the fuel efficiency of vehicles. However, the growing prevalence of larger and heavier cars, especially SUVs, and larger engine sizes have counteracted these efficiency gains.

In this study Deloitte Global is aiming to provide a structured and comprehensive model to help support automotive decision-makers as they answer this question. Cooperating closely with established clients, researchers, and practitioners, the Deloitte Global team identified some of the most important levers for decarbonization and achieving net-zero. We focused on scope 1, 2 and 3 emissions, taking into account the entirety of the value chain as covered in the Corporate Carbon Footprint. But we also considered the even deeper implications, including shifting product portfolios and changing corporate structures as well as financial impact.

We hope you enjoy reading the insights and thoughts on automotive pathways to decarbonization and look forward to providing guidance in your specific transformational process to help deliver long-term emissions reduction in the most economical way possible.

[Read the study](#)

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