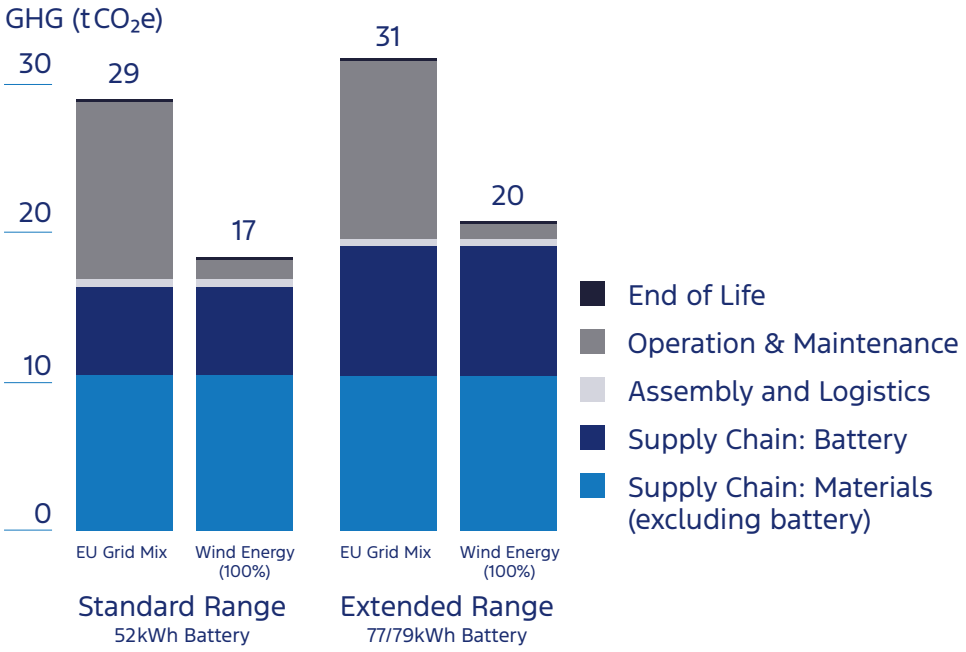
Ford Capri/Explorer Life Cycle Assessment (LCA)

We are committed to having a positive impact on people and the planet. On the way to achieving carbon neutrality no later than 2050*, we investigated the life cycle impact in terms of greenhouse gas (GHG) emissions of our Explorer and Capri vehicle line in the European market. Our life cycle assessment (LCA), following the ISO 14040 and ISO 14044 standards, was certified by TÜV Nord.

For more details on Ford's sustainability approach see On The Road to Better Helping Build a Better World - FORD Integrated Sustainability and Financial Report 2025



TÜVNORD

Key assumptions of our life cycle assessment for a Ford Explorer or Capri battery electric vehicle over its lifespan including all life cycle stages:

- Base-equipped vehicle with two battery sizes
- Assumed mileage 225,000 km and service life 15 years
- Operated with average European grid electricity or 100% wind energy**

Other configurations and assumptions will lead to different results

Disclaimer: In general, vehicle LCAs are currently not comparable between auto manufacturers, even if they are compliant with the same standard (ISO 14040 / ISO 14044) and certified by a third party. ISO 14040 and ISO 14044, while providing a framework for product life cycle assessments, still allow for significant differences in assumptions and calculation methods, including defining the system boundaries of what to include or exclude in the calculation. Vehicle LCA standards are currently under development by regulatory bodies.

* By 2050, some hard-to-reduce GHG emissions may remain. We intend to neutralize these emissions using carbon removals, i.e., natural or technical strategies that remove CO2 from the atmosphere and provide secure long-term storage.

** Energy consumption of vehicle operation is based on Worldwide Harmonized Light Vehicle Test Procedure (WLTP).