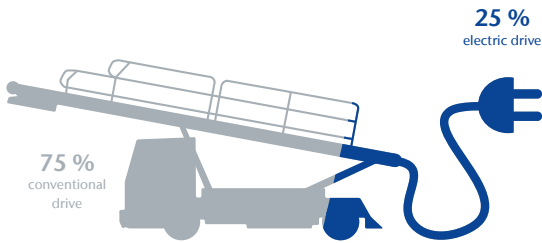


Electromobility at Frankfurt Airport*



25 percent of Fraport's vehicles at Frankfurt Airport already have an electric drive.

Upward trend ...

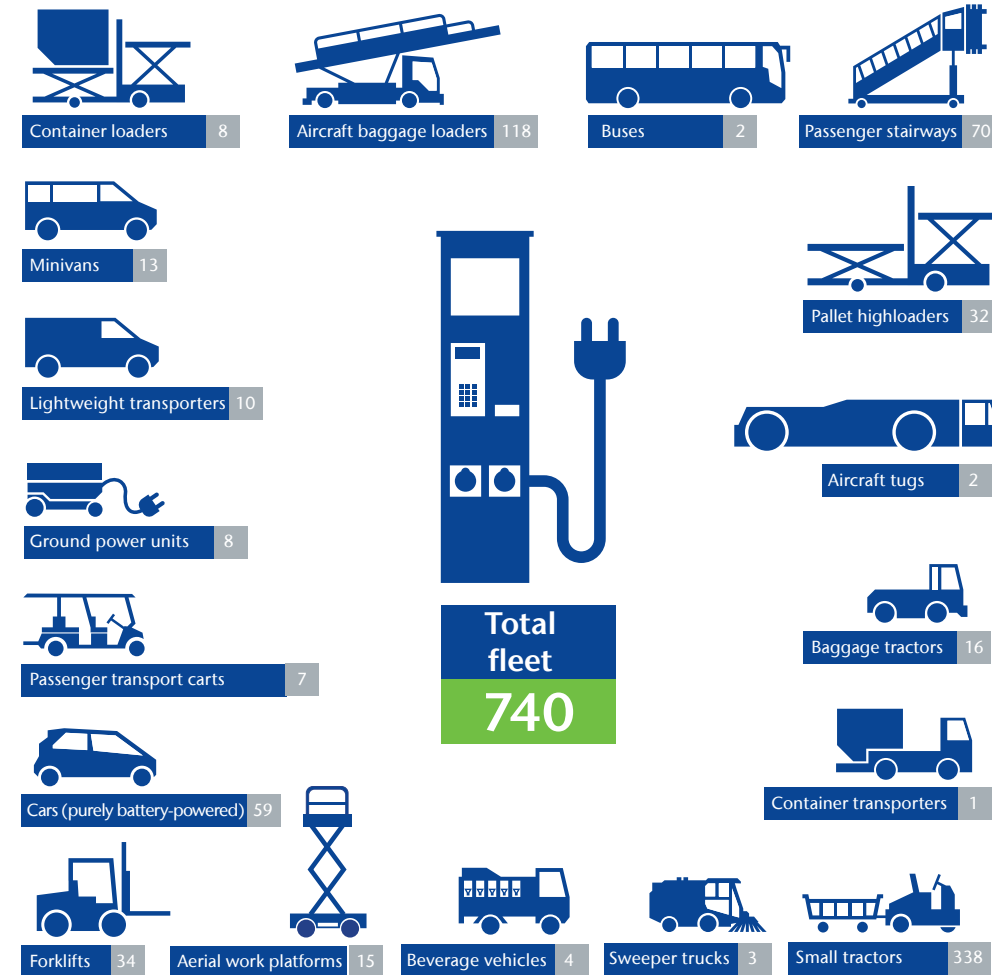
Even though some electric vehicles (or e-vehicles) have significantly higher purchasing costs, airport operator Fraport is increasingly focusing on electromobility for the following reasons:

- 1) Electromobility helps reduce and avoid emissions of carbon dioxide (CO₂), air pollutants and noise.
- 2) Energy and maintenance costs for e-vehicles are sometimes lower than for conventionally powered vehicles. Thus, economic viability throughout the product life cycle for specific vehicle types such as aircraft baggage loaders is already assured today.
- 3) „Stop and Go“ operations and the 30 km/h speed limit on the apron present major problems for combustion engines.
- 4) Electromobility delivers tangible improvements in working conditions on the apron. As a result, e-vehicles are very well received by staff.



Almost a quarter of Frankfurt Airport's CO₂ emissions under Fraport's direct influence are produced by the vehicle fleet, with considerable potential for optimization.

Our electric vehicle fleet



Electromobility and the airport: a perfect match!

Certain conditions – which Fraport AG's operational areas offer in plentiful supply for many vehicle types – are required for the effective use of electromobility:

- ✓ Usage usually restricted to short distances (operating range is not problem)
- ✓ Frequent waiting times during operations (interim recharging is possible)
- ✓ Nighttime curfew can be used for longer charging times of e-vehicles

Electromobility is increasingly coming into focus worldwide. Fraport has been using vehicles with electric drive systems for many years. In addition, the company is contributing its own expertise to the development of new models.

The commitment is a key element of Fraport's climate protection measures and stands for modern, innovative, and future-oriented ground handling operations at Germany's largest airport.

Charging infrastructure at Germany's largest air traffic hub is expanding in parallel.

At the moment, it works as usual: The electricity flows from the charging point into the vehicle's battery. Future plans see this working in the opposite direction, too. Electric vehicles will become mobile storage devices that can feed unused energy back into the grid to meet demand. A project for the establishment of bidirectional charging has been underway since the end of 2023.

E-PORT AN
Elektromobilität am Flughafen Frankfurt



Various electromobility projects at Frankfurt Airport have been grouped under the E-PORT AN umbrella brand. The goal of the program partners – Fraport AG, Lufthansa Group and the state of Hesse – is to test and improve pilot models in everyday operations and to develop them to market maturity.

www.e-port-an.com

*Data refer to Fraport AG (as of late 2023).