

The commercial EV transition: Global insights on a mixed-energy fleet future



In 2024, WEX surveyed 503 fleet decision-makers across Europe, the US, and Asia-Pacific to explore the challenges and opportunities in transitioning to electric vehicles. This research offers a comprehensive look at the current state of fleet electrification, providing valuable insights to inform a business's approach to EV adoption and sustainability.

Motivations and trends behind EV adoption

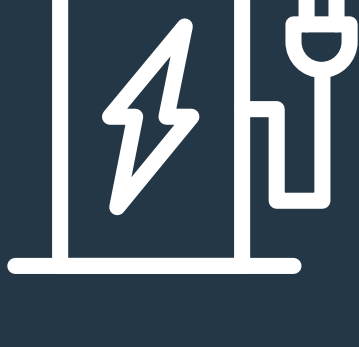


70% of respondents say decarbonization is either "important" or "cornerstone" in their business strategy

63% of fleet managers specifically noted they had a low-carbon goal they needed to achieve by or before 2030



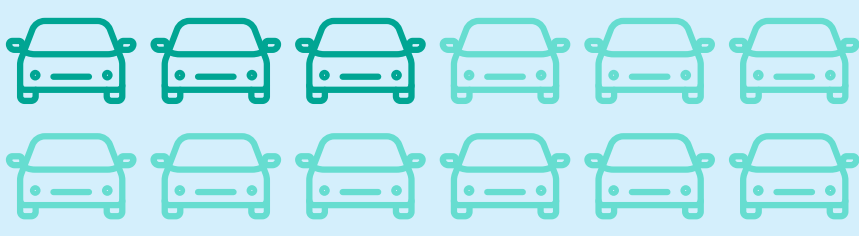
42% of respondents estimate having 50%+ EVs by 2030



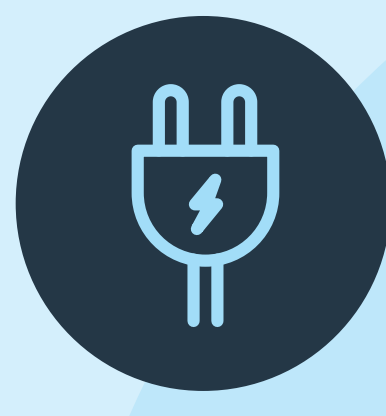
EV Adoption: Top Drivers

- Reducing carbon emissions
- Meeting decarbonization goals
- Realizing cost savings

Optimizing operations for a mixed-energy fleet



80% of organizations say 25% of fleets will be EV by 2030



78% of respondents use onsite charging

62% use public charging
23% use at-home charging

Charging ahead with advanced payment solutions



78% of organizations house onsite charging

77% of respondents cite benefit of a wide network of charging stations across multiple locations

51% of respondents noted challenge of charging hub installation costs



Top cost reduction tactics

- Charging during off-peak hours (leading method)
- Off-peak charging of energy storage batteries
- Energy consumption monitoring and analytics tools

Unlocking seamless fleet sustainability with smart payments



90% of respondents use integrated payment options for EVs and ICE vehicles

41% of businesses use multiple charge card brands across mixed-energy fleets

Top considerations for payment solutions

- Use same card for fueling and/or charging
- Use card anywhere (tied for top)
- Security
- Compatibility with fleet management systems



This infographic is based on survey data from 503 decision-makers at organisations with mixed-energy commercial fleets, conducted across Europe, the United States, and Asia-Pacific in 2024. The survey included a wide range of fleet sizes, from very small to very large, across diverse industries. Findings reflect the perspectives of fleet managers and may vary by region and fleet type, and may not represent the entire fleet user population.