

THE ROAD TO ELECTRIFICATION: A FLEET MANAGER'S TIMELINE

Electrifying your fleet isn't a single flip-of-the-switch—it's a phased journey that rewards planning, data-driven decisions, and cross-department teamwork. Use the timeline below as a high-level roadmap, adjusting each phase to fit your organization's size, goals, and budget.

0-3 MONTHS

Lay the Groundwork

- Assess Current Fleet – catalogue vehicles, duty cycles, and total cost of ownership (TCO).
- Set Strategic Goals – emissions reduction targets, budget ceiling, and ROI expectations.
- Form Your Task-Force – involve finance, facilities, IT, sustainability, and driver reps.
- Quick-Win Data – install telematics (if not already) to capture real-world mileage and idle time.

0-6 MONTHS

Build the Business Case

- Run Feasibility Studies – match routes to EV ranges; identify vehicles ready for replacement.
- Total Cost of Ownership Modelling – include grants, incentives, energy tariffs, and residual values.
- Engage Stakeholders Early – present projected savings, environmental benefits, and risk mitigations.
- Secure Funding & Approvals – capital budgets, leasing options, or power-purchase agreements.

6-12 MONTHS

Infrastructure & Procurement

- Site Surveys & Load Studies – confirm electrical capacity, upgrade needs, and grid connection timelines.
- Select Charge Management Software – prioritize interoperability with existing fleet systems.
- Phased Charger Installation – start with depot trickle chargers, add rapid chargers for high-utilization vehicles.
- Issue Vehicle RFPs – evaluate range, payload, warranty, and service network coverage.

12-18 MONTHS

Infrastructure & Procurement

- Site Surveys & Load Studies – confirm electrical capacity, upgrade needs, and grid connection timelines.
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18-36 MONTHS

Scale-Up

- Bulk Vehicle Procurement – leverage volume discounts and extended warranties.
- Expand Charging Network – integrate depot, workplace, public, and home charging.
- Policy Integration – update replacement cycles, reimbursement, and sustainability reporting.
- Continuous Improvement – use analytics to fine-tune routes, battery health, and charger utilization.

36+ MONTHS

Future-Proof & Innovate

- Vehicle-to-Grid (V2G) Trials – explore revenue from grid services and peak-shaving.
- Renewable Energy Integration – pair chargers with solar, wind, or on-site storage.
- Lifecycle Management – plan for second-life batteries and recycling programs.
- Emerging Tech Watch – solid-state batteries, hydrogen range-extendors, autonomous EVs.

To see how our fully integrated solution streamlines every step of your electrification journey, visit assetworks.com/fleet.