

KeolisAmey Docklands is transitioning its entire car and van fleet to electric with the help of DriveElectric

- 45 vehicles electrified ahead of TfL's 2030 target, accelerating KAD's Net Zero trajectory
- One fully integrated fleet solution with brand, funder and maintenance all in one place
- Bespoke conversions including tail lifts, flatbeds and specialist adaptations
- Ford Pro™ telematics delivering real-time insight into performance, safety and energy use
- Short-term electric vehicle rentals kept operations moving throughout the transition
- 41% lower cost per mile with savings reinvested into further carbon reduction
- A future-proof, zero-emission fleet supporting TfL and Net Zero goals

Introduction

KeolisAmey Docklands (KAD), responsible for operating and maintaining the Docklands Light Railway (DLR) network in London, is transitioning its entire car and van fleet to electric with the help of DriveElectric.

A new eight-year contract with Transport for London (TfL) started in April 2025, with a target from TfL to go fully electric within five years from this date. The entire fleet will be fully electric by the end of December 2025.

A legacy petrol and diesel fleet with demanding operational needs will be replaced with 39 electric vans and 6 electric cars, including specialist vehicles that have typically been challenging to electrify, such as vans with tail lifts and flatbeds.

As a community-centric organisation in the capital, KAD is focused on delivering strong operational performance, improving fleet efficiency, and meeting its carbon reduction commitments as part of TfL's wider Net Zero strategy.

“ Delivering a fully electric fleet over four years ahead of schedule is a testament to our team's commitment and the strength of our partnerships with Ford and DriveElectric. We're proud to champion sustainability, operational excellence and community wellbeing in East London. ”

Richard Graham, Managing Director, KeolisAmey Docklands



The challenge

As part of its contract, KAD needed to overhaul its vehicle fleet strategy to meet new operational, environmental and performance demands. The business had to replace its petrol and diesel vehicles to align with its sustainability objectives, with specialist vehicle adaptations such as tail lifts

and flatbeds needed for use across East London operations.

Operational continuity also needed to be maintained between decommissioning legacy vehicles and deploying the new electric fleet, and on-site charging infrastructure had to be developed across two grid-constrained London locations.

“ This project shows the strength of collaboration. By working closely with DriveElectric, we’ve delivered a fleet solution made up of our freshest-ever line up that supports Keolis Amey Docklands’ transition to zero-emission vehicles, combining Ford’s product capability and versatility with DriveElectric’s expertise. ”

Liam Bone, Regional Fleet Business Manager, Ford of Britain & Ireland

The solution

DriveElectric won the contract with KeolisAmey Docklands following a competitive tender process, delivering a turnkey electrification strategy built around KAD’s operational requirements.

The solution involved fleet specification and procurement with a single manufacturer, funder, and dealer for 6 cars and 39 vans, including custom vehicle conversions such as tail lifts and flatbeds, and full livery and branding.

Vehicles comprise of Ford Puma Gen-E cars, Ford E-Tourneo minibuses, and Ford E-Transit and E-Transit Custom vans, including variants with double cabs, dropsides, racking, shelving, ladder racks, tow bars and tail lifts.

Partnering with Ford enabled the deployment of Ford Pro™ telematics, and allowed the integration with vehicle supply, maintenance and support through a single provider, replacing the previous dual-provider model.

Short-term electric vehicle rentals have maintained business continuity during the transition period, and DriveElectric has also supported in the development of scalable on-site charging infrastructure, with KAD investing in decentralised, clean energy infrastructure, including solar-powered chargers and battery storage at the Beckton depot, enhancing resilience to energy market volatility.

“ This was a complex project, and finding the right product to meet demanding operational needs required real expertise. That’s where DriveElectric makes the difference. By partnering with Ford, we delivered the right solution and managed every stage of the transition with precision. The outcome is a fleet that keeps critical infrastructure moving, improves visibility through Ford Pro™ telematics, reduces downtime, and supports the customer’s sustainability goals. ”

Adam Kemp, Sales Director, DriveElectric

The outcome

All electric vehicles being provided by a single supplier, including bespoke conversions, along with the integration of maintenance, telematics, and support, has reduced downtime and enhanced operational performance, as well as simplifying fleet management, reducing administrative complexity, and improving cost control.

The transition has delivered a 41% reduction in cost per mile, and significant savings on fuel and maintenance, with cost savings reinvested in further carbon reduction initiatives.

Comprehensive Safe and Fuel-Efficient Driving (SAFED) training for all operators has reduced fuel

consumption by up to 15%, improved driver safety, and reduced accidents.

Operational continuity during the transition to an electric fleet was maintained by short-term electric vehicle rental, and support with the development of scalable charging infrastructure has been provided, which is designed to enable future expansion.

DriveElectric’s expertise with the transition to electric vehicles supports KAD’s Net Zero ambitions, creating a fit-for-purpose and sustainable fleet for the future.

This achievement also directly supports the Mayor of London’s Clean Air and Net Zero targets, setting a new benchmark for sustainable fleet management in the light rail sector.

“ We’re delighted to see KeolisAmey Docklands deliver this ambitious EV fleet transformation. The project demonstrates the impact of close collaboration between DLRL, KAD, and our industry partners. By working together, we’re driving real progress towards a cleaner, more sustainable future for London’s transport network. ”

Tom Page, General Manager, Docklands Light Railway Limited (DLRL)

