

ADEPT President's Awards 2026

Entry form

Award category

Delivering Sustainable Growth

Project Title

London on the move

Local authority

Transport for London

Partner/s if applicable

London boroughs

Headline summary (150 characters max.)

'London on the move' uses tech and borough partnerships to cut congestion, tackle roadworks, speed up buses and deliver safer, sustainable streets

Please note we need at least one supporting image per award submission. Upload your image/s below.



Delivering Sustainable Growth: How is this project delivering sustainable growth – demonstrating ambition and vision, anticipating future challenges, protecting and enhancing the natural environment and futureproofing growth? (150 words max)

London on the Move delivers sustainable growth by fundamentally transforming how London's streets are managed to meet long-term environmental, safety and capacity challenges. The strategy takes a citywide, data-driven approach that reduces congestion, improves bus journey times and supports the shift to sustainable modes, directly contributing to the Mayor's 2041 targets. By modernising traffic signals with AI-enabled FUSION technology, expanding Lane Rental, and coordinating 400,000 annual roadworks more intelligently, it cuts delays, lowers emissions and frees up space for walking, cycling and bus priority.

The plan anticipates future pressures from a population exceeding nine million, an ageing network and the need for rapid carbon reduction by creating a unified operational model across all 35 highway authorities—futureproofing decision-making beyond individual budgets or borough boundaries. Advanced safety tools, including near-miss detection and digital-twin analytics, enable proactive risk reduction, supporting Vision Zero and ensuring London's streets remain efficient, reliable and people-centred.

Delivering Sustainable Growth: How is this project working across boundaries and with different partners to achieve long lasting clean and green growth? (150 words max)

London on the Move works across boundaries at an unprecedented scale, uniting all 35 highway authorities, London boroughs, TfL, utilities, and transport partners under a single operational plan. This collaboration enables consistent, citywide action to reduce congestion, prioritise sustainable travel and manage 400,000 annual roadworks more effectively.

Through Bus Sense, boroughs and TfL jointly analyse data, coordinate roadworks and co-design solutions that improve whole-route bus reliability—supporting the cleanest, most space-efficient mode for millions of Londoners. The expansion of Lane Rental brings utilities, contractors and local authorities together behind shared incentives to minimise disruption and reinvest revenue into greener, futureproofed streets.

The rollout of FUSION, an AI-enabled traffic system, is co-developed with boroughs to optimise signals for buses, cycling and walking. Cross-London working groups ensure decisions are data-driven and co-owned, embedding a long-term, collaborative model that enables sustained clean and green growth across the capital.

Delivering Sustainable Growth: How is this project proactively engaging with businesses and communities to tackle problems and find solutions, stimulating the clean growth sector at the same time? (150 words max.)

London on the Move actively involves businesses, utilities, boroughs and local communities to shape more reliable, low-carbon streets and stimulate innovation in the clean-growth sector. Through the expansion of Lane Rental, TfL works directly with utility companies and contractors, encouraging them to plan and deliver works more efficiently and with lower disruption. The revenue generated is reinvested into maintenance and sustainability-focused improvements, creating a feedback loop that benefits both businesses and road users.

The Bus Sense partnership engages boroughs, local communities and bus operators to identify hotspots, share data and design solutions that improve journey times for millions of passengers.

Public-facing improvements—such as safer cycling routes, better pedestrian environments and AI-based safety technologies—are guided by resident feedback and borough priorities. The project's adoption of AI, digital-twin modelling and smart traffic systems supports the wider clean-tech industry, creating demand for innovative products and accelerating London's green transport ecosystem

Delivering Sustainable Growth: How is this project going beyond the 3–5-year budget cycle to prepare for future challenges including the use or consideration of innovative funding solutions? (150 words max.)

London on the Move looks far beyond a typical 3–5-year budget cycle by building a long-term, system-wide operating model that futureproofs London's streets for decades. The strategy's phased, evidence-led rollout—spanning full FUSION deployment by 2030/31, borough-wide Bus Sense coverage by 2026/27 and extensive Lane Rental expansion—creates a predictable, scalable programme of investment that outlives individual funding cycles.

A key innovative funding solution is the expansion of Lane Rental, which generates a sustainable revenue stream by charging works promoters for occupying the busiest parts of the network at peak times. This creates an enduring mechanism for reinvestment into maintenance, innovation and disruption-reducing technology—reducing reliance on traditional budgets.

Long-term resilience is further supported through AI-enabled traffic systems, digital-twin modelling and proactive safety tools that deliver compounding benefits as more data is captured. This ensures the network can continuously adapt to population growth, climate pressures and emerging mobility trends.