

5. Transport Emissions

Action Plan: [Appendix C, 5.1 to 5.11](#)

Air Quality Positive Our plan ensures that new developments contribute positively to local air quality and the Healthy Streets Scorecard. This means that large-scale projects will need to help make Newham's streets more accessible for walking and cycling.

Healthy School Streets We are also focusing on creating healthier environments around schools. By implementing 50 timed road closures during drop-off and pick-up hours, we aim to reduce vehicle emissions. For schools where the scheme is not practical, we will closely monitor air quality and prioritise emissions reduction initiatives detailed in [Action 1.5](#) such as classroom filters.

Low Emission Neighbourhoods and Zero Emission Networks Our plan includes implementing more traffic filters on residential streets, enhancing walking and cycling infrastructure, and raising awareness about the benefits of active travel. We are taking this further with Zero Emissions Networks by supporting businesses to switch to zero emission vehicles such as cargo bikes.

Walking and Cycling To support walking and cycling, we are developing dedicated cycle lanes, improving pedestrian pathways, and installing secure bike racks. We will upgrade pedestrian crossings and redesign busy intersections to make them safer for cyclists and pedestrians. We are also promoting active travel and ensuring that our infrastructure is accessible to everyone.

Car Free Days By temporarily closing streets to motor vehicles, we encourage residents to experience their neighbourhoods in a healthier, safer

environment. We will support web platforms such as 'London Play Streets' to promote these initiatives.

Parking Our parking strategy includes implementing tiered parking fees based on vehicle emissions, reducing parking spaces and replacing with secure bicycle parking. We will also ensure all new residential development is car-free in accordance with the Local Plan.

Electric Vehicle Charging We are accelerating the installation of the electric vehicle charging infrastructure to meet future demand as more people transition towards the UK Governments 2030 ZEV (Zero Emissions Vehicles) mandate. This includes increasing the number of freestanding chargers, with the aim to install 3000 by 2030.

Council Fleet We are also upgrading the Council's fleet by transitioning to electric and hybrid vehicles, implementing a fleet management system, and setting emissions reduction targets. For deliveries, we are encouraging the use of low-emission vehicles and delivery consolidation schemes.

Integrated Policies We are ensuring that our transport and air quality policies align, collaborating across departments, and engaging with stakeholders to create a cohesive strategy for improving air quality.

External sources of information:

- [Newham's Healthy School Streets](#)
- [Highways Local Implementation Plan \(LIP\)](#)
- [Cycling Strategy](#)
- [Zero Emissions Network](#)
- [Sustainable Transport Strategy 2024](#)
- [London Play Streets](#)
- [Newham Parking policies and Procedures \(2020\)](#)

	Action	Outcome	Emissions Benefits	Cost	GLA	Responsibility
Transport Emissions	5.1 Ensure the 'Air quality positive' approach in new development is contributing towards improving Newham's Healthy Streets Indicators /Scorecard	<p>A. All major developments subject to an Air Quality Positive assessment will submit an approved sustainable Healthy Streets Transport Strategy, which will report against the Healthy Streets indicators for on-site and off-site routes.</p> <p>B. Achieve measurable annual improvements beginning from the 2025 baseline.</p>	The scheme being undertaken will determine the quantification of emissions reduction.	££££*	9	Sustainable Transport and Highways
	5.2 Reduce Emissions and Exposure Through Healthy School Streets	<p>A. All technically viable primary and secondary schools will have a Healthy School Street implemented, with 49 installed by 2026.</p> <p>B. Where road closures are not viable at schools, alternative traffic calming measures, crossing improvements, and urban realm improvements will be explored.</p>	Newham's P3 HSS has resulted in an average 7.4% reduction in NO ₂ exposure outside participating schools.	££££*	14, 21	Sustainable Transport and Highways
	5.3 Reduce Emissions and Exposure Through Low Emissions Neighbourhoods Scheme	<p>A. Low Traffic Neighbourhoods (LTNs) will be expanded to 80% of all streets by 2030 (form a baseline of 44% in 2024).</p> <p>B. Air quality monitors and modelling will be used to help prioritise projects and assess the effectiveness of implemented interventions.</p> <p>C. Enhance new and existing LTNs with additional greenery and landscaping, as well as new pedestrian crossing points, dropped curbs, and upgraded footways to improve accessibility, safety and aesthetic appeal.</p> <p>D. Strengthen the connectivity between LTNs by adding new cycle parking facilities and establishing continuous cycle routes, making active travel options easier and more convenient.</p> <p>E. Increase the presence of wayfinding measures and signage to help residents and visitors navigate easily.</p> <p>F. Improve engagement and communications with residents during the design and trial phase by actively responding to feedback, addressing concerns, and consistently highlighting the benefits and successes of the scheme to build stronger community support.</p>	LTN schemes implemented in Newham between 2020 and 2022 showed measurable reductions in air pollution.	££££*	19	Sustainable Transport and Highways

	Action	Outcome	Emissions Benefits	Cost	GLA	Responsibility
Transport Emissions	5.4 Reduce Emissions and Exposure Through Zero Emissions Neighbourhoods Scheme	<p>A. Actively contribute and expand upon Newham's existing Zero Emission Network (ZEN), collaborating with other participating boroughs to advance cleaner transport solutions.</p> <p>B. Monitor and analyse real-time air quality data and measure emissions savings from converting business miles to zero-emission vehicles, providing insights on environmental impact.</p> <p>C. Expand the number of businesses involved in ZEN and encourage applications for cargo bike grants, supporting the shift to sustainable transport options.</p> <p>D. Enhance participation by increasing both cargo bike hires and the number of business trips completed using cargo bikes or zero-tailpipe-emission vehicles, reducing the reliance on conventional vehicles.</p> <p>E. Report annually on the number of road closure events held and participant engagement to track progress and demonstrate community involvement in zero-emission initiatives.</p>	An improvement in emissions savings due to businesses switching trip miles from combustion to zero-emission vehicles.	££££*	11	Sustainable Transport and Highways
	5.5 Reduce Emissions and Exposure Through Walking and Cycling Infrastructure	<p>A. Encourage a modal shift away from motor vehicles by prioritising safe, accessible and attractive active travel connections to key locations, such as town centres, new developments, leisure centres, hospitals, schools, parks, and public transport hubs.</p> <p>B. Progress towards the Mayor's Transport Strategy target of 83% of all trips made by foot, cycle, or public transport by 2041 (baseline 63%).</p> <p>C. Increase the proportion of streets with a 20mph speed limit from a baseline of 41% in 2024 to >95% by the end of 2025 to allow safe active travel throughout the Borough.</p>	35% of London residents' car journeys are 2km or less. Dispersion modelling for a main road showed that removing this proportion of car journeys and replacing them with walking or cycling	££££*	25	Sustainable Transport and Highways, Planning and Development

	Action	Outcome	Emissions Benefits	Cost	GLA	Responsibility
Transport Emissions		<p>D. Expand the absolute length of protected cycling routes and progress towards the target of 88% of the cycle network being accessible (within 400m) to Newham residents by 2041.</p> <p>E. Expand on-street cycle parking for short- and long-term use, ensuring accessible and secure parking options.</p> <p>F. Develop Newham's network of cycle hire stations at transport interchanges, mixed-use developments, and town centres and consider a free-floating e-cycle hire scheme.</p> <p>G. Expand high-quality wayfinding signage to ensure a seamless connection between active travel routes.</p> <p>H. Provide bike maintenance services, cycle training programs, and financial support for local cycling initiatives and community groups to encourage skill-building and community involvement.</p> <p>I. Implement community initiatives to raise awareness about the benefits of walking and cycling, motivating residents to integrate active travel into their daily routines for better health and sustainability.</p>	would reduce NOX and PM ₁₀ emissions by 9% and 16%, respectively.			
	5.6 Reduce Emissions and exposure by Supporting and Delivering Car Free Days	<p>A. Organise and promote Car Free Days by temporarily closing selected streets to vehicular traffic and inviting residents to walk, cycle, or use public transportation. These events will allow the community to experience streets as safe, pedestrian-friendly spaces while also contributing to reduced emissions and improved air quality.</p> <p>B. Support web platforms such as 'London Play Streets' to promote initiatives such as 'play streets' (where residents can regularly close a street for play after school or during weekends).</p> <p>C. Report on the number of road closures achieved through these initiatives.</p>	A short-term decrease in transport-based emissions encourages a mindset and behavioural shift towards walking and cycling.	££	22	Sustainable Transport and Highways

	Action	Outcome	Emissions Benefits	Cost	GLA	Responsibility
Transport Emissions	5.7 Reduce Emissions and Exposure Through Parking Strategy	<p>A. Explore parking options to encourage people to switch to lower-emissions vehicles.</p> <p>B. Develop a kerbside strategy to limit the availability and location of both on-street and off-street parking to reduce traffic congestion and discourage car dependency.</p> <p>C. Explore innovative alternative uses for kerbside areas, such as cycle parking, bike hire facilities, and community parklets, and enhance public access and use of these areas for active travel and social interaction.</p> <p>D. Expand car club spaces and the availability of car club vehicles to make shared car use a more practical and accessible option for residents.</p> <p>E. Apply planning policies to ensure all new developments are car-free, supporting only essential parking provisions, such as blue badge spaces. In addition to residential developments, stricter limits on parking allocations within commercial properties should be introduced to reduce car dependency across the borough.</p>	Since introducing emissions-based charges, Newham registered the most significant drop in registered vehicles across London Boroughs in 2021.	££££*	23	Parking Operations, Sustainable Transport, Highways, Planning and Development
	5.8 Reduce Emissions and Exposure Through Expansion of EV Charging Infrastructure	<p>A. Install a total of 3000 EV charge points by the end of 2030 in residential areas, town centres, and nearby key amenities, supporting the shift towards greener transport.</p> <p>B. Prioritise EV charging infrastructure for underserved neighbourhoods and Blue Badge holders making EV ownership more accessible to all residents.</p> <p>C. Implement a planning policy that requires residential developers to support the rollout of EV charging points in other parts of the borough and ensure on-site service spaces support EV charging.</p>	Assuming 2016 Inner London Fleet levels, a five per cent shift from diesel cars to electric cars would result in an emission reduction across the whole fleet of 4.2% for NOx and 1.7% for PM ₁₀ . A 5% shift to electric vehicles	££££*	24	Sustainable Transport and Highways, Planning and Development

	Action	Outcome	Emissions Benefits	Cost	GLA	Responsibility
Transport Emissions		<p>D. Install rapid chargers at key locations to accommodate quick charging needs for high-use vehicles, such as taxis and delivery vehicles.</p> <p>E. Support 'last-mile' logistics hubs and commercial operations, which have enough charging facilities to deliver a fully electric fleet.</p> <p>F. Actively encourage the electrification of car club fleets and mandate this transition where possible to support low-emission shared mobility options for the community.</p>	from diesel cars and diesel LGVs would result in a 9.9% reduction in NOX emissions and 3.7% for PM ₁₀ .			
	5.9 Reduce Emissions by Upgrading Council's Fleet	<p>A. Install EV charging stations at primary depots and servicing facilities and support transitioning to a cleaner Council fleet. The light vehicle procurement process will continue only to award contracts to EV suppliers.</p> <p>B. For heavy-duty vehicles that electric or hybrid options cannot yet replace, prioritise purchasing low-emission alternatives that meet the latest environmental standards, ensuring every addition to the fleet aligns with sustainability goals.</p> <p>C. Use advanced fleet management software to monitor vehicle usage, optimise routes, and reduce idle time, lowering fuel consumption and emissions.</p> <p>D. Provide eco-driving training for Council drivers to promote fuel-efficient driving practices that will further reduce the fleet's environmental impact.</p> <p>E. Investigate viable options to transition to a fully electric dust cart fleet, aiming for emissions-free waste collection and further reducing our carbon footprint.</p>	A reduction in CO2 emissions due to decreased fuel use.	££££	17	Fleet Management

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Transport Emissions	5.10 Reduce Emissions from Deliveries	<p>A. Collaborate with businesses to create consolidation hubs for combined deliveries, reducing individual trips and contributing to lower emissions.</p> <p>B. Encourage eco-friendly last-mile delivery options, such as bicycles and electric cargo bikes, especially where traditional vehicles face congestion and restrictions (e.g., Town Centres and car-free neighbourhoods).</p> <p>C. Advocate for efficient scheduling practices among delivery services to avoid peak traffic hours, minimising congestion and emissions while ensuring timely deliveries.</p> <p>D. Implement a system to track and report on delivery emissions in the borough. This will allow us to measure progress and adjust our strategies as needed.</p>	Concentrations in residential areas will significantly reduce as deliveries and freight are consolidated in one remote area.	£££	11, 16	Climate Action, Inclusive Economy, Community Wealth Building, Planning and Development, Sustainable Transport and Highways, Procurement
	5.11 Ensure Transport and Air Quality Policies and Projects are Integrated	<p>A. Encourage transportation projects, including road upgrades, active travel and cycling infrastructure, to be evaluated for their impact on air quality and emissions reduction.</p> <p>B. Transport, planning, and environmental health departments will collaborate to ensure that air quality considerations are embedded in all relevant transport policies and projects.</p> <p>C. Establish air quality monitoring systems to assess the impacts of transportation initiatives and make data-driven adjustments as needed to optimise air quality outcomes.</p> <p>D. Involve community members, local businesses, and transport providers in the planning and implementation of integrated policies, ensuring their input is considered and fostering a sense of shared responsibility for air quality improvements.</p> <p>E. Conduct periodic evaluations of our integrated policies to assess their effectiveness in reducing emissions and improving air quality, making adjustments as necessary to achieve our goals.</p>		£	11, 20	Sustainable Transport and Highways, Environmental Control