

Theme		Action	Responsibility	Cost	Magnitude of air quality benefit	Timescale For Implementation	Outputs, Targets and KPIs	Amendments post-consultation
Monitoring and other core statutory duties	1	Adopt WHO guidelines for PM10 and PM2.5 with a compliance deadline of 2030	Land Water Air Streetscene	No direct cost associated with target	No direct emission/concentration benefits but critical in terms of showing commitment and communication/awareness raising.	2021 - Adoption of commitment to meet WHO guidelines. 2025 - Milestone set for compliance at 75% of locations where PM is monitored. 2030 - Achieve compliance at all locations.	Monitoring results and progress against compliance targets (75% by 2025 and 100% by 2030) will be reported in Annual Status Reports (ASRs).	Amended Timescale Following comments seeking more rapid action, new wording has been inserted in the Timescale to set a milestone target for 2025
	2	Maintain air quality monitoring network (PM and N02), review as required and provide data in line with TG(19) timescales and guidance and ensure public access to monitoring data.	Land Water Air Comms	Medium £20,000 - £30,00 per year	No direct emission/concentration benefits but critical in terms of understanding air quality in the borough and the impact of actions taken.	Ongoing Publication of webmap showing locations and monitoring results on Hackney's website by 2022.	Review of air quality monitoring network annually. Seek opportunities for funding investment into expanding the monitoring network, particularly to increase monitoring of particulate matter. Ensure ongoing maintenance of automatic monitors to achieve data capture of at least 90%	Amended timescale and targets. This is a response to consultation feedback asking for more air quality monitoring and more access to the data collected.
	3	Undertake dispersion modelling for the Borough	Land Water Air Streetscene	Medium £10,000 for baseline modelling and £5,000 per additional scenarios	No direct emission/concentration benefits but critical in terms of understanding air quality in the borough and the impact of actions taken.	2021	Gain borough baseline of key pollutants and where required predicted concentration changes from traffic reduction and pollution reduction schemes.	No change
	4	Report health based air quality statistics at a ward level on the Hackney website	Land Water Air Public Health	Low	No direct emission/concentration benefits but critical in terms of understanding air quality in the borough and the impact of actions taken.	2022	Report the health based statistics at each ward in Hackney. Publish on the website. Include visual results on the webmap.	Amended target date. Although the aim is to complete this in 2021, resources have been diverted to responding to the Covid-19 pandemic which means a slight delay is anticipated.
	5	Facilitate cross borough partnership to review though traffic impacts in Hackney	Land Water Air Streetscene	Medium	No direct emission/concentration benefits but critical in terms of understanding air quality in the borough and the impact of actions taken.	2022	Technical report stating impact on air quality and health of through traffic in the borough (and other north London boroughs). Report to be shared with transport teams and TfL/GLA to be used for air quality led spatial planning decisions.	No change
	6	Achieve gold standard in GLAs Cleaner Air Borough (CAB) programme	Land Water Air Streetscene	Low	No direct emission/concentration benefits but critical in terms of showing commitment and communication/awareness raising.	Annually, potentially starting in 2021 (exact timing of CAB programme to be confirmed)	Application for accreditation to be made when programme commences with the gold standard targeted	No change
	7	Fulfil the Borough's statutory duties under LLAQM	Land Water Air Enforcement	No additional costs	No direct emission/concentration benefits but critical in terms of understanding air quality in the borough and the impact of actions taken.	Ongoing	Keep designation of Air Quality Management Area under review; Ensure Air Quality Action Plan is reviewed and that progress is reported in Annual Status Report; ASRs published on Hackney website by Spring/Summer the following year.	NEW ACTION - As this is a Statutory duty, the work is ongoing. However, it was felt that it should be included to make a clear commitment to fulfilling our duties and details will now also be reported annually.
	8	Carry out statutory duties to investigate complaints of Statutory Nuisance / dark smoke bonfires and take appropriate enforcement action	Land Water Air Enforcement	No additional costs	Although bonfires and smoke nuisance can have medium impacts, these are localised and tend to be short-lived.	Ongoing	Acknowledge complaints received within 3 working days and investigate all complaints where sufficient details are provided. Number of complaints received annually to be reported. Review and update information on Council website regarding smoke nuisance by 2021. Review policies for Council owned land to help deter bonfires and to investigate alternative options to fireworks by November 2022.	NEW ACTION - As this is a Statutory duty, the work is ongoing. However, dealing with complaints and offences was raised as an issue in the consultation so the action has been included to make a clear commitment to fulfilling our duties and progress will also be reported annually.
Emissions from development and buildings	9	Ensuring emissions from construction are minimised	Land Water Air Planning	Medium (Officer Time)	Medium benefit: Construction emissions accounted for 37% of PM10 emissions in the borough in 2016 - the largest contributor in the borough. Road transport emissions accounted for 64% of NOx emissions and 25% PM10 emissions in the borough in 2016, some of which will be from construction traffic.	Embed air quality considerations into Sustainability & the Built Environment and Child-Friendly Places SPDs by 2022. Investigation and review of local supplementary planning documents that contain air quality measures by 2021; Air Quality specific SPD to be developed by 2025. Code of Construction Practice (CoCP) to include air quality guidance to be in place by 2022.	Development and delivery of SPD by 2025. Record and publish emission savings from air quality positive developments annually. Report the number of complaints associated with construction dust and/or traffic before and after the publication of the CoCP.	This action in the draft Plan was very detailed as it covered a number of relevant areas. To help clarify the actions and how these will be delivered, these have been separated out. This now aligns more closely with the recommended actions from the GLA's matrix. In addition, the timescale for the SPD has been postponed as it can only be implemented if incorporated in the next Local Plan review. However, in the meantime, air quality considerations will be covered by other SPDs and a Code of Construction Practice will be developed.
	10	Reducing emissions from CHP	Land Water Air Planning Hackney Light and Power	Medium (Officer Time)	Heat and power emissions accounted for 25% of NOx emissions and 5% PM10 emissions in the borough in 2016.	Ongoing	100% of planning applications proposing a CHP must be accompanied by an Air Quality Assessment and Air Quality Neutral Assessment prior to determination. The submitted documentation must demonstrate that the development meets the Building Emissions Benchmark.	NEW ACTION - See above. Commitment was included in the draft but is now included as a separate action with a specific target attached.

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	11	Enforce Air Quality Neutral Policy	Land Water Air Planning	No additional costs	Medium benefits - ensuring that developments meet the required Transport Emissions Benchmark (TEB) and Building Emissions Benchmark (BEB) will limit the air quality impacts of new development and provide opportunities for securing mitigation measures that can help improve air quality.	Ongoing	100% of relevant developments to submit an Air Quality Neutral Assessment prior to determination of the planning application. 100% of developments submitting an Air Quality Neutral Assessment to be below the TEB and BEB or agree to implement recommended mitigation measures to achieve compliance. To develop approach to securing Air Quality Positive developments and include details in SPD by 2025.	NEW ACTION - See above. Commitment was included in the draft but is now included as a separate action with specific targets attached.
	12	Ensuring adequate, appropriate and well-located green space and infrastructure is included in new and existing developments	Land Water Air Planning Streetscene	Medium - High	Medium benefits - A study by King's College found that levels of NO2 were reduced by 23% behind a green wall. While green infrastructure and vegetation has been demonstrated to help remove some emissions through deposition, its principal benefit is in terms of exposure reduction. Providing green space is also important for providing incentives to active travel.	Ongoing	Hackney's Local Plan was adopted in 2020. LP49 sets out the Council's policy on new developments adjacent to Green Chains and Green Corridors. Child-friendly Places SPD to be developed by 2022 to include measures to help reduce children's exposure to air pollution through appropriate use of green space and infrastructure in new developments. Air Quality SPD to be developed by 2025 to include measures for appropriate use of green space and infrastructure in new developments. Refer to Mayor of London's guidance on Using Green Infrastructure to Protect People from Air Pollution when providing pre-Application advice.	NEW ACTION - See above. Commitment was included in the draft but is now included as a separate action with specific targets attached.
	13	Minimise emissions from construction through investigating and piloting innovative solutions to reduce construction based emissions	Land Water Air Planning	Medium - High	Construction emissions accounted for 37% of PM10 emissions in the borough in 2016 - the largest contributor in the borough. Investigating and piloting schemes to address emissions from construction will assist in the development and implementation of new methods, technologies and machinery which have zero or low pollutant emissions compared to conventional methods currently in use. Successes of the pilot can then be fed into Council policy and implemented across the borough to reduce emissions.	Developing and implementing a pilot study by 2024	Pilot to take place that trials zero and low emission technology, machinery and methods to reduce emissions on construction sites. Successes will then be implemented across the borough through local policy.	No change
	14	Ensure enforcement of Non Road Mobile Machinery (NRMM) air quality policies	Land Water Air Planning	Low £5,000 - £10,000 per year	NRMM emissions accounted for 7% of NOx emissions and 8% of PM10 emissions in London. In Hackney NRMM emissions accounted for approx 9.6% NOx emissions, 4.8% PM10 emissions and 10.4% of PM2.5 emissions. The NRMM reporting will help to track and target the emissions from this source.	NRMM reporting to be published annually	100% of relevant planning applications to include planning condition requiring compliance with the NRMM LEZ standards Annual NRMM reporting, including the following: - Percentage of development sites that comply and proportion of relevant sites inspected each year - Number or proportion of events or roadworks required by licence or contract to comply with the NRMM LEZ - Number of complaints associated with construction machinery	New target added for % of planning applications with relevant planning condition on NRMM attached.
	15	Promote and enforce the borough's Smoke Control Area (SCA)	Land Water Air Enforcement	Low	Wood burning contributes 4% of PM10 and 9.3% of PM2.5 emissions in Hackney. Through promotion and enforcement we will be able to reduce these sources	Targets set for 2021, 2022 and 2025	Publish Zero Emission Network (ZEN) solid fuel burning survey in 2021 showing how well SCAs are understood and report conclusions. Based on report conclusions, improve information on webpage about requirements within an SCA and options for compliance including any changes arising from new legislation. Work with partners to develop a programme for raising awareness and enforcing new provisions that may be introduced by the government's proposed Environment Bill. Undertake follow-up ZEN solid fuel burning survey in 2025 showing how well SCAs are understood, how behaviours have changed and report conclusions. Gather information on existing Smoke Control Orders and plot locations on GIS map by 2022. Report percentage increase in engagement with the ZEN programme annually.	Additional targets Tackling solid fuel burning was raised by a number of respondents to the consultation. Therefore, additional targets have been set aimed at both raising awareness of the Regulations but also working to ensure compliance.

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	16	Promote and deliver energy efficiency and energy supply retrofitting projects in workplaces and homes	Energy Housing Land Water Air	High	Domestic heat and power emissions accounted for 9% of NOx emissions and 3% PM10 emissions in the borough in 2016. Industrial heat and power emissions accounted for 16% of NOx emissions and 2% PM10 emissions in the borough in 2016. The delivery of retrofitting projects will help to reduce the emissions from existing buildings.	Overall target set for 2040 with annual targets in place to meet this.	Delivery of Programmes including the Green Homes and Retrofit for Low Carbon Programme has been identified under the Energy Strategy Action Plan with annual reporting on percentage of buildings that have been retrofitted, particularly focusing on renewable energy. Target of 454 homes annually to benefit from energy efficiency / energy supply improvements. Target of 10,200m2 of other (non-residential) buildings to be retrofitted with energy efficiency / energy supply improvements each year of the Action Plan. Ground source heat pump installed for café and education building at Abney Park Cemetery by 2023. Annual reporting on percentage of eligible buildings that have been	New annual targets have been added. Also a clarification that the focus will be on renewable energy.
	17	Master planning and redevelopment areas aligned with Air Quality Positive and Healthy Streets approaches	Land Water Air Planning Streetscene	Medium	Aligning the approaches will help to ensure coordination across the different teams responsible for implementation. The actual implementation of Air Quality Positive and Healthy Streets approaches can have significant air quality benefits.	Demonstration of implementation of Healthy Streets approach in designs for regeneration improvements including Clapton, Hackney Downs and the Lee Valley Regional Park by 2023. Build in Air Quality Positive approach to planning during Local Plan review and through development of SPD by 2025.	Target to achieve a score of 6.94 (2019 baseline) or higher on the <u>Healthy Streets Scorecard</u> . The Healthy Streets approach is included in Hackney's Local Plan that was adopted in July 2020. This sets out a number of redevelopment areas and programmes including Dalston and Clapton where the Healthy Streets approach will be utilised during the design.	NEW ACTION - Wording from GLA's Action Matrix Although the principle is already being applied, the action commits the Council to embed air quality considerations and the Healthy Streets approach into its regeneration projects.
Public health and awareness raising	18	Raise awareness of air quality and encourage behaviour change through campaigns and working with local communities	Land Water Air Streetscene Comms Public Health	Medium	No direct emission/concentration benefits but critical in terms of showing commitment and communication/awareness raising and to support exposure reduction.	Targets set for 2021 and 2025 for survey Campaigns to run annually	Undertake and publish Air Quality awareness survey in 2021 and report conclusions. Deliver the following campaigns: Solid fuel burning campaign Public health campaign (focusing on health impacts and medical evidence) Anti-idling campaign Organise and promote the following events: Car Free Days in the borough Clean Air Day events Bike Week Bike to School Week Walk to School Week Undertake follow-up Air Quality awareness survey in 2025 and report findings.	Amended wording to action and to a target. In response to feedback during the consultation, it was clarified that the health impacts of air pollution and science would form a key part of campaigns. Also clarification that the aim is to work with communities rather than just inform.
	19	Develop a Joint Strategic Needs Assessment (JSNA) that will focus on air quality and public health	Public Health Land Water Air	Low (Officer Time)	No direct emissions/concentrations benefits but critical in terms of improving collaboration between teams and communication/awareness raising and to support exposure reduction.	2022	Delivery of updated JSNA by 2022. Have a consultant-grade public health specialist having air quality responsibilities within the borough.	Amended date for completion. Although target remains to deliver this earlier, the Covid-19 pandemic has affected the timeline for completion.
	20	Develop and promote the existing high air pollution alert system	Land Water Air Comms Streetscene team	Low £1,000 - £2,000 per year	No direct emissions/concentrations benefits but critical in terms of showing communication/awareness raising and helping to reduce exposure.	Ongoing	Report annual percentage increase in number of users. Use Hackney's communication tools to promote awareness of the service and about high air pollution days.	Additional target. Many respondents to the consultation said they wanted more information in order to make informed choices. Therefore, target has been added to make full use of Hackney's platforms for communication.
	21	Continue to collaborate in the cross borough project encouraging canal boat owners to switch from wood burning stoves and diesel engines to electric or more sustainable fuels	Land Water Air	Low	Wood burning contributes 4% of PM10 and 9.3% of PM2.5 emissions in Hackney The delivery of this project will help to reduce wood emissions from this area.	Ongoing	Survey canal users in Hackney about their air quality awareness in 2021 and report conclusions. Estimate emissions from wood burning stoves canal users in year. Undertake follow-up survey with canal users in 2025 about their air quality awareness and report conclusions. Alongside neighbouring Borough's publish recommendations to limit emissions on canals in 2021 and work with partners to develop plan for delivering on recommendations.	Amended target In response to feedback, we have sought to clarify that, in addition to publishing recommendations for tackling emissions from canal boats, we would work to deliver them.

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Delivery servicing and freight	22	Deliver the Freight Action Plan as part of the Hackney Transport Strategy (2015-2025)	Streetscene Land Water Air	Low (Officer Time)	Hackney LGVs and HGVs account for 21.6% of NOx emissions, 12.3% of PM10 and 11.4% of PM2.5 emissions. The delivery of this project will help to reduce the emissions from freight.	Ongoing	Hackney will work with partners and TfL to develop a borough Freight Action Plan by end 2021. The Freight Action Plan will include the following targets and set dates for meeting them: - Achieve CLOCS standard for council fleets and include a condition for major developments to adopt the standard; - Continue and expand support for zero and low-emission last mile deliveries; - Conduct a council-wide Delivery and Servicing Monitoring Survey in order to identify ways in which Council's own deliveries can be reduced and/or retimed; - Investigate ways to promote a transfer of road freight to rail and waterways wherever possible. Report on reduction in freight vehicles on the inner city road network.	Additional targets. Consultation feedback asked for further details about the aims of the Freight Action Plan. Although the FAP is being developed, new targets have been added to provide these details.
	23	Develop area-wide Construction and Logistics Plans and review of local CLPs	Streetscene Planning	Low	Hackney LGVs and HGVs account for 21.6% of NOx emissions, 12.3% of PM10 and 11.4% of PM2.5 emissions. The delivery of this project will help to reduce the emissions from construction traffic in Hackney	2022	Identify zones where there is potential for cumulative impacts from construction including Shoreditch and Hackney Wick and develop a CLP specific to that area. Establish joint working with neighbouring boroughs where areas overlap. To have agreed a joint approach with Tower Hamlets by 2021 and with Islington by 2022. Report on reduction in freight vehicle movements / switch to low emission freight trips in areas where area-wide CLP is in place.	Additional targets. Consultation feedback asked for clarification of the details of this action. Therefore, the additional targets set out more clearly what we aim to achieve.
	24	Work with consumers and delivery companies to help reduce local emissions through the Zero Emissions Network	StreetsceneLand Water Air	High	Hackney LGVs and HGVs account for 21.6% of NOx emissions, 12.3% of PM10 and 11.4% of PM2.5 emissions. The delivery of this project will help to reduce the emissions from vehicles. Trialling of seven zero emission cargo bikes for delivery as part of the first round of ZEN reduced NOx emissions by 30.8 kg in a year and free cycle training and workshops for members reduced NOx emissions by 10.6kg in a year.	Existing ZEN to continue to April 2022. Review project and funding streams for continuation post-April 2022.	Survey businesses a year after hiring vehicles to identify any purchases of electric vehicles. Facilitate 50 businesses to purchase cargobikes for deliveries by 2022; Facilitate 30 businesses to use Car Clubs by 2022; Facilitate 25 businesses to purchase ebikes by 2022; Facilitate 10 businesses to use zero emission courier services at a discounted rate through the ZENCARD Scheme by 2022. Report number of businesses taking up free car club membership annually. Report number of electric cars and vans hired annually.	Amended timescale and additional targets. The feedback indicated support for the action but there was a request for some quantitative targets. These have, therefore, been added.
Borough Fleet	25	Increase proportion of electric vehicles within the borough fleet supported by increase in electric vehicle charging infrastructure to match growth and reduce numbers of petrol / diesel fleet vehicles being used for Council services.	Fleet Streetscene Land Water Air	High	Medium air quality benefit and important in terms of showing commitment and communication/awareness raising. The benefits will be estimated annually by undertaking calculations based on the number of vehicles in the fleet, the fleet mix and the total emissions per km produced on a yearly basis. Bringing services in-house can give the Council greater control over vehicle emissions associated with its services which is not reflected in just numbers of fleet vehicles.	Reporting to commence in 2022	Utilise Sustainable Procurement Strategy (2018- 2022) when purchasing fleet vehicles and assess percentage reduction in emissions saved through procuring zero emissions vehicles. As a signatory to the <u>Clean Van Commitment</u> with Global Action Plan, Hackney commits to working with partners to reach the goal of only using zero-emission capable vans within its fleet by 2028.	Amended wording of action and timescale with additional targets. Further clarification was sought regarding the Clean Van Commitment and what this meant for overall numbers of fleet vehicles. As more services get delivered in-house, the commitment relates to Council services as a whole.
	26	Re-establish use of Hydrotreated Vegetable Oil (HVO) as an alternative fuel source through establishing a new bulk contract	Fleet Streetscene Land Water Air	Medium	Emission/concentration benefits to be determined. Medium air quality benefit and important in terms of showing commitment and communication/awareness raising.	2022	Apply for funding and contract to be in place by 2022.	No change
	27	Increase the existing number of bicycles, electric bikes and cargo bikes in the Council fleet to ensure there are enough sustainable forms of transport for staff to use	Fleet Streetscene Land Water Air	Medium £3,000 - £5000 / electric bike	Low air quality benefit, but important in terms of showing commitment and communication/awareness raising. Trialling of seven, zero emission cargo bikes for delivery as part of ZEN resulted in a reduction 30.8kg of NOx in a year.	Ongoing	Increase the number of existing bicycles, electric bikes and cargo bikes with an annual target of 10 per year. Report number of each annually.	No change
	28	Collaboration with other public sectors to assess emissions in Hackney and identify funding for zero emission vehicle trials	Land Water Air	Low (Officer Time)	Low air quality benefit, but important in terms of showing commitment and communication/awareness raising	Evaluation in 2021. Secure agreement to partner in trial by 2023.	Work collaboratively with public sector fleet operators and evaluate total emissions from police, fire and NHS/ambulance based in Hackney in 2021. Identify opportunities for funding of zero emission vehicle trials in public sector fleets.	New milestone added

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Localised Solutions	29	Ensure that Transport and Air Quality policies and projects are integrated and assess the air quality benefits of the actions in Hackney's Transport Plans and Strategies.	Land Water Air Streetscene	High	Emission/concentration benefits to be determined which may vary depending on location. Action is critical in terms of understanding air quality in the borough and the impact of actions taken.	2021 and ongoing	<p>Progress measured through Emergency Transport Plan's monitoring programme.</p> <p>Assess air quality impact of experimental Low Traffic Neighbourhoods (LTNs), road closures, bus gates, widened pavements and permeable filters, which will be implemented across Hackney in late 2020 and throughout 2021. Data and conclusions to be made available for decision reports by December 2021.</p> <p>Ensure regular meetings take place between officers implementing the Transport Plans and those monitoring the air quality impacts so that updates on air quality are provided and taken into consideration.</p>	Amended wording of action and timescale with additional targets. A key theme arising from the consultation was about working with communities and using air quality data / evidence in decision-making. This particularly related to transport schemes. Therefore, changes have been made to demonstrate that air quality policies and transport policies will be integrated and targets have been added setting out how this will be put into practice.
	30	Implement Low Emission Neighbourhoods (LENs)	Land Water Air Streetscene	High	Air quality benefits within area of LEN can be high. The benefits can be extended to a wider area where behavioural change is secured with supporting measures to ensure that disbenefits are not caused in adjacent areas.	Design and Planning by 2022 Implementation by 2024	<p>Continue to work with neighbouring boroughs of Islington and Tower Hamlets to deliver the Zero Emissions Network Phase 3: Satellite Hubs Roll Out. A ZEN satellite Hub has already been established in Stoke Newington to support the schemes being introduced as part of the LEN in Stoke Newington Church Street. An options paper setting out proposals for its continuation beyond April 2022 will be prepared in 2021.</p> <p>Establish new LEN in Stoke Newington Church Street by 2022. By 2024, measures consisting of a bus gate, pavement widening to support pedestrians and people boarding buses, installation of additional landscaping / planting and increased cycle parking to be implemented.</p>	NEW ACTION - Wording from GLA's Action Matrix Although Action 24 covers the work of the ZEN, this action has been added to cover the implementation of further Low Emission Neighbourhoods. Consultation feedback identified an appetite to deliver improvements in air quality around the Stoke Newington Church Street area and funding has been secured for this work. Therefore, this has been added as a target for delivery of the action.
	31	Deliver Britain's first 21st Century Street in Colvestone Crescent, Dalston	Streetscene Land Water Air Communications	Medium	Low air quality benefit and important in terms of showing commitment and communication/awareness raising.	2023	<p>Delivery of the 21st Century Street by 2023.</p> <p>Report reduction in air quality concentrations on Colvestone Crescent and a satisfaction poll undertaken by local residents.</p>	No change
	32	Expanding and Improving Green Infrastructure	Parks Streetscene Planning	High	Low-moderate air quality benefits but has important co-benefits and important for awareness-raising.	2022	<p>Delivery of the Parks and Open Spaces Strategy including identifying opportunities to link existing green spaces to the wider public realm.</p> <p>Increase street trees so as to provide 30% on-street canopy cover by 2022.</p> <p>Planning Policy 5 includes a commitment to improve air quality on Urban Corridors through the use of tree planting.</p> <p>Hackney Parks Team to implement initiatives to improve air quality including introducing targets for increasing the number of electric tools.</p>	Amended wording of action and additional targets. A key theme arising from the consultation was the use of trees to help improve air quality. As other vegetation such as hedges and green screens can also help, we have amended the wording to be broader and to align with the GLA's recommended wording. Previously, there was reference to the Parks and Open Spaces Strategy but additional targets help to clarify what Hackney is aiming to achieve.
Cleaner transport	33	Provide new infrastructure to support cycling and walking, including secure cycle parking, and assess air quality impacts of new infrastructure	Streetscene	High (E.g. Green Lanes improvement circa £400,000)	<p>Emission/concentration benefits to be determined. Action is critical in terms of understanding air quality in the borough and the impact of actions taken.</p> <p>Estimation of air quality benefits can be found by determining the total amount of emissions per motorised trip. This can then be multiplied by total number of trips in the area before scheme implementation. The total number of trips reduced by the scheme can then be multiplied by total emissions per trip to determine the amount of emission reduced. The percentage reduction of emissions from the original emissions produced prior to the scheme implementation can then also be found.</p>	Ongoing	<p>Progress measured through Emergency Transport Plan monitoring programme.</p> <p>Target for 2021 includes: - 820 new cycle parking spaces in areas of high demand - 240 temporary cycle secure spaces in 30 former on-street car parking bays - 120 cycle parking spaces at 3 on-street cycle parking bays in Shoreditch - 160 off-street cycle parking spaces at 20 primary schools - 300 spaces in a secure cycle parking hub in Shoreditch.</p> <p>Walking Plan includes target of increasing mode share for Hackney children walking to school to 70% by 2025.</p> <p>Increase percentage of Hackney residents walking to work to 15% by 2025.</p> <p>Increase percentage of trips within Hackney made by bike to 15% of all journeys and increase the percentage of Council employees cycling to work to 28% by 2025.</p> <p>Compared to 2015 baseline, an additional 10 new public spaces / pocket parks will be implemented by 2025.</p>	Amended wording to action - amalgamating 2 previous actions - and additional targets. Previously provision of walking and cycling infrastructure was separate to cycle parking. However, it was felt that cycle parking needs to be an integrated part of other infrastructure improvements so these have been brought together. Quantitative targets have also been added so that measurement of progress will be more transparent.
	34	Roll out Hackney's anti-idling campaign to discourage vehicle users idling their engines	Land Water Air Parking	Low	Low air quality benefit, but important in terms of showing commitment and communication/awareness raising.	Campaign is ongoing Enforcement to begin in 2021 subject to lifting of Covid-19 restrictions	<p>Hold approximately 5 workshops per year at schools throughout the Borough as part of the regional anti-idling campaign in an effort to raise awareness when it comes to idling.</p> <p>Give Civil Enforcement Officers the ability to issue a Penalty Charge Notice for those caught idling of up to £80 and report the number of Penalty Charge Notices issued for vehicle idling per year.</p> <p>Report the number of idling complaints and fines received annually.</p>	Amendment to timescale. The consultation responses showed that people are keen to see engine idling being tackled but wanted to ensure that enforcement was a part of this approach. Previous plans to commence enforcement had been affected by Covid restrictions as there will be a need for a lot of face-to-face contact during the initial roll-out. However, the timescale helps to demonstrate that there is a commitment to enforce when circumstances permit.

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	35	Regular temporary Car Free Days	Streetscene Land Water Air	Low	High short-term air quality benefit and important in terms of showing commitment and communication/awareness raising	Ongoing	Work with local communities that wish to implement temporary road closures to raise awareness of air quality and offer support for their events. A minimum target of 1 Car Free Day that includes road closures and community events per year.	Amended target The consultation responses indicated that there were concerns about the impacts on people with restricted mobility and on emergency service vehicles during Car-Free Days. The target has been amended to demonstrate that the events will be community-led and will be temporary so that alternative provisions for the event will be put in place.
	36	Deliver updated Parking and Enforcement Plan	Parking	Low (Officer Time)	Emission/concentration benefits to be determined. Moderate air quality benefit and important in terms of showing commitment and communication/awareness raising.	2021	Updated Parking and Enforcement Plan (PEP) to be adopted and published in 2021. Diesel surcharge to be increased and options for doing this to be included in PEP. To review data on impacts of emissions-based charging. Based on the outcomes, options for extending emissions-based charging and incentivising lower-emission vehicles will be set out in PEP. Report number of residential parking bays converted to car club bays.	Additional targets Feedback indicated a lot of support for tackling the vehicles with highest emissions but only when combined with incentivising low emission vehicles. Although the PEP is in development, additional targets have been inserted to set out that the emission rates of vehicles will be taken into consideration.
	37	Continue expansion of infrastructure to support Low Emission Vehicles (installing charging infrastructure including rapid chargers) while also assessing impacts from increased electric vehicle use.	Streetscene Land Water Air	Low	Emission/concentration benefits to be determined. Action is critical in terms of understanding air quality in the borough and the impact of actions taken.	2025	Every household in Hackney will be within 500m from a charging point by 2025 with target progress being tracked annually. Reporting potential reduction in emissions from people using ULEZ vehicles.	Amended wording and timescale. As above, the consultation feedback showed that there was a lot of support for promoting a switch to low emission vehicles, particular electric vehicles. Although people were largely in favour of this, others expressed some concerns about over-reliance on EVs as a solution. The wording has been amended to take account of these views so that EVs will be supported but we also aim to monitor the impacts and keep this under review.
	38	Develop and assess potential impact of Hackney's Motorcycle Action Plan	Parking	Low (Officer Time)	Emission/concentration benefits to be determined. Action is critical in terms of understanding air quality in the borough and the impact of actions taken.	2021	Delivery of the Motorcycle Action Plan in 2021. Report air quality impacts of plan.	No change
	39	Improve public transport facilities in the borough	Streetscene	High	Medium-high air quality benefit. Although promoting a modal switch to more sustainable modes of transport will help to reduce transport emissions from private vehicles, Hackney already has high levels of public transport usage.	Ongoing	Number of bus stops / stands where improvements have been implemented to benefit passengers to be reported annually. Report annually on number of public realm improvement schemes implemented to aid multi-mode connectivity. Work with TfL on Bus Reliability Programme to help reduce bus waiting times and late departures.	NEW ACTION A number of responses to the consultation felt that the Action Plan needed to include more support for public transport as a means of helping to improve air quality. Although Hackney Council is not responsible for public transport and the lobbying theme covered our support for cleaner public transport, Hackney has very high levels of public transport use. Therefore, this new action has been inserted to cover the work that we can do in supporting users of public transport.
Schools and Communities	40	Reduce air pollution near schools and protect children through the delivery of the School Streets Programme	Streetscene Land Water Air	High 40 School Streets to date funded by £350,000 TfL Streetspace fund and 100k of Council funding	Emission/concentration benefits to be determined. Low/moderate direct air quality benefit, but a critical action for protecting the most vulnerable in Hackney through a reduction in emissions/concentrations.	Targets set for 2021 and 2023	Mayor's manifesto commitment to implement 17 School Streets by 2022. As of September 2020 we have 37 School Streets, another 11 targeted before the end of the 2020/21 academic year that will be implemented at different rates.	No change
	41	Reduce air pollution at schools and protect children by delivering more green screens	Streetscene Land Water Air	Medium	Limited emissions/concentrations benefits but can help reduce exposure and is critical in terms of communication/awareness raising. An important action for protecting the most vulnerable in Hackney.	Targets set for 2021 and 2023	Use Hackney developed green screens toolkit with all schools by end of 2021 Deliver green screens at all suitably identified schools by 2023.	No change
	42	Reduce air pollution near schools and protect children through increasing uptake of the STARS programme	Streetscene Land Water Air	Low	Low/moderate direct air quality benefit, but a critical action for raising awareness and protecting the most vulnerable in Hackney. Air quality benefit can be calculated by determining the total amount of emissions produced per trip, times by the amount of trips taken at the start of the programme. The total emission reduction can then be found by determining the number of trips reduced and total emissions associated with these trips. The percentage reduction in emissions can then also be found from the original total emissions prior to the scheme implementation.	Ongoing	Report percentage of children signed up to STARS programme and travelling to school by sustainable travel annually In April 2021, 28 out of 82 schools in the borough are TfL STARS accredited. The target is for 60% of schools to be accredited by 2025.	Amended target Although the target remains, clarification of the baseline has been added.

Theme		Action	Responsibility	Cost	Magnitude of air quality benefit	Timescale For Implementation	Outputs, Targets and KPIs	Amendments post-consultation
	43	Facilitate and lead schools auditing and improvement programme for all schools in Hackney	Land Water Air	High £1,140,000 based on £10,000/audit and approximately 114 schools	Low/moderate direct emission/concentration benefits but a critical action for raising awareness and reducing exposure of the most vulnerable in Hackney.	2025	Continue to work with schools and improve the engagement. Target of working with a minimum of 1 school per year on a collaborative project that also engages parents of pupils. All schools will have access to an updated air quality audit by 2025. The outcomes of actions taken from schools audits will be reported and a collaborative workshop will be held with other Boroughs who have similar aspirations.	Additional target. Many of the consultation responses highlighted the impacts of air pollution on children and wanted to see more work with schools. Although this was in the Action Plan, it was suggested that we look to work with the whole school community (pupils, teachers and parents). Therefore, a target to deliver an inclusive project has been added.
	44	Review pollutant concentrations at all healthcare centres, hospitals, care homes and schools and where relevant implement an audit and improvement scheme.	Land Water Air Public Health	Medium £20,000 - £30,00 per year	Low/moderate direct emission/concentration benefits but a critical action for raising awareness and reducing exposure of the most vulnerable in Hackney.	2025	Map locations of vulnerable receptors on map in 2021 (based on ward census data) and determine pollutant concentrations using current monitoring data and LAEI modelled data. Receptors exceeding NAQO receive air quality audits and if necessary receive additional monitoring to assess the success of the audit. All relevant sensitive receptors to link up to Hackney's alert system by 2022. See action 15.	No change
Lobbying	45	Lobby central Government to control and reduce emissions that are out of Hackney's authority	Land Water Air Comms Mayor's Office	Low	No direct emission/concentration benefits but critical in terms of showing commitment and communication/awareness raising.	Ongoing	Report and publish actions that Hackney has taken as part of lobbying central Government for the following actions: a) WHO targets being enshrined within the Environment Bill b) EU vehicle emission standards being transposed into UK legislation post Brexit c) Reinstate the boiler scrappage scheme to support all residents of Hackney d) Road user charging e) Building Regulations that promote methods of construction e.g. structural timber, that reduce PM. Promote successes on social media and online.	No change
	46	Lobby TfL to expand Ultra Low Emission Zone (ULEZ) post 2021 and introduce more fully electric bus routes through Hackney	Land Water Air Streetscene Comms Mayor's office	Low	No direct emission/concentration benefits but critical in terms of showing commitment and communication/awareness raising.	Ongoing	Report and publish actions Hackney has taken as part of lobbying TfL for the following actions: a) Greater London being defined as ULEZ b) Implementation of full electric bus routes in Hackney	No change
	47	Work with others to reduce pollution that is outside of our control	Land Water Air	Low	No direct emission/concentration benefits but critical in terms of showing commitment and communication/awareness raising.	Ongoing	Workshop to identify who we would like to partner with in the future (i.e. boroughs, regional governments and organisations). Identify existing partnerships that we have and continue to develop these. Continue to participate in London wide peer meetings and work with our neighbours to develop ways in which to improve local air quality.	No change