

WE ARE ACTION.

WE ARE NEWHAM.



NEWHAM'S CLIMATE EMERGENCY ANNUAL REPORT 2020-2021

We are taking action in response to the climate emergency, to meet our carbon neutral targets by 2030; and get to carbon zero by 2050.

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MAYOR'S FOREWORD



Addressing the climate emergency, and the implications for local residents here in Newham, is one of the most important areas of work that we have been responding to at the Council since I became Mayor back in May 2018. This annual report highlights how we are progressing

with ensuring the health and wellbeing of our residents, alongside the future of our planet, remains our focus, as we deal with the greatest existential threat we have ever faced as humanity. The Climate Emergency is compounding rising inequalities globally, causing social and economic dislocation and is responsible for the most significant public health crisis in over a century, with the Covid-19 pandemic which has disrupted our lives irrevocably since 2020.

Over the decades, scientists and environmental activists have been drawing the world's attention to the many harms caused by environmental degradation, including the rapid destruction of tropical forests. One of these harms is the emergence of new diseases that are transmitted between wild animals and humans, such as SARS-CoV-2 virus, which has now infected now more than 170 million people worldwide and resulted in more than 3.5 million deaths¹. It is clear that decades of indifference about the environmental and public health hazard this presents us, has in part led to the economic havoc and historic levels of unemployment around the world that we are now faced with.

As we continue to deal with the Covid-19 crisis we appreciate more than ever the need to guarantee a healthy, safe and sustainable future. In November, the UK will be hosting the United Nations Climate Conference (COP26) in Glasgow, and this Climate Emergency Annual Report is our update on action we are undertaking in Newham as our contribution to the health and wellbeing of our residents, and preventing a devastating outcome for our planet. Responding to the dual crisis of climate and health, we are acutely aware of how the Covid-19 pandemic has brought inequality into sharp focus here in Newham, particularly for those on low incomes, members from our minority ethnic communities and those already struggling with poor health. That is why, we developed our Towards a Better Newham strategy and action plan, to tackle these inequalities, root and branch - ensuring that our response to the climate and health emergencies are central to this.

Our ambitious approach – from building the homes we need to develop the skilled, green jobs for the future – is fundamental to reducing our emissions and meeting our climate neutral and climate zero goals. Our bold policies mean innovative measures to improve peoples' health and pockets through the ways we live, work and enjoy our local areas. They mean increasing our ambitions and supporting our young people through a green economic revolution.

The Covid-19 epidemic has underlined the need to fundamentally change how we live, how we structure our economy but also how we exist in relationship to the world around us. The expansion of cities and urban environments, and the destruction of vital ecological habitats, have been eroding the natural barriers that can prevent diseases spreading - leading to catastrophic consequences as Covid-19 has shown. Unless we stop environmental degradation, and get serious with our carbon reduction requirements, future viruses are highly likely to emerge.

Responding to Covid-19 has been a huge challenge for all of us in Newham and rightly, at the Council we have been focusing our resources to protect and support residents during this most difficult time. We have also pushed forward and delivered on many of our climate emergency actions we set ourselves for the past year putting sustainability at the core of our recovery strategy. From increasing air quality monitoring across the borough, introducing an emissions based parking scheme, to decarbonising all our Council buildings switching all our street lights to 100 percent renewable electricity, planting more trees, and transitioning our vehicle fleet to fully electric, we are making progress. Our approach to climate emergency is becoming ever more visible in Newham, and its impact will be felt for generations to come.

As we countdown to the COP26 conference later this year, which will be an accelerated call for greater international commitment and action, we'll be calling for greater resources from national government to maximise our efforts in Newham. We also want to highlight what we are doing locally because we are ambitious and our agenda in Newham could contribute significantly to the actions the UK needs to demonstrate in response to the global response to the climate emergency. Despite limited support, and the unprecedented challenges of the Covid-19 pandemic, Newham is confidently moving towards a healthier, fairer, and sustainable future for all our residents, and our Climate Emergency response is an important contribution to that.

Mayor Rokhsana Fiaz OBE

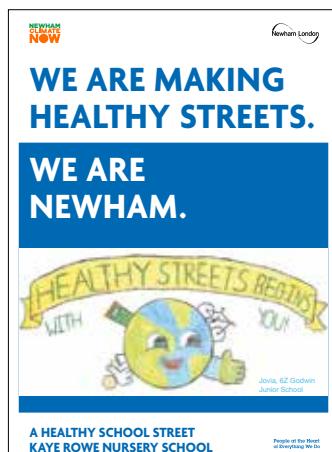
¹ Source, WHO: <https://covid19.who.int/> the figure is likely to have increased significantly since publishing this report.

TOP ACHIEVEMENTS IN 2020–2021

Newham has achieved a significant amount over the past 12-months. Despite the unprecedented challenges of the pandemic we have made huge steps forward this year for this agenda. We are particular proud of the following achievements:

1. STREETS

Rolling out five People Friendly Streets and healthy school streets along with other measures, such as South Leytonstone and Forest Gate North People Friendly Streets in collaboration with the London Borough of Waltham Forest which is the first cross-borough initiative in the Capital, to reduce emissions in Newham and protect the health of our residents. A further two are being introduced in the 2021–22 municipal year

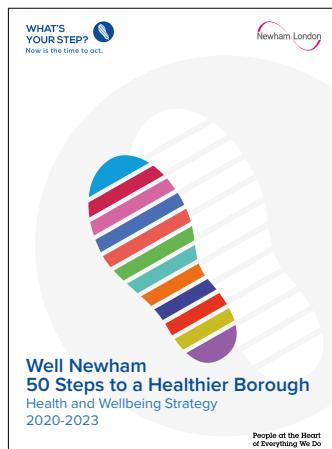


Positioning Newham as one of London's leading boroughs with the most extensive air quality monitoring networks to track progress on air quality improvements, alongside being part of the Idling Action London campaign aimed at stopping motorists from needlessly causing air pollution



2. 50 STEPS

Sustainable living tied to our '50 Steps to a Healthier Newham' Health and Wellbeing strategy



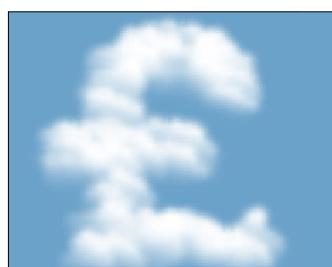
6. GREEN HOMES

Accelerating the 'Passivhaus' standards in the Council's housebuilding programme so that all homes built are sustainable and green



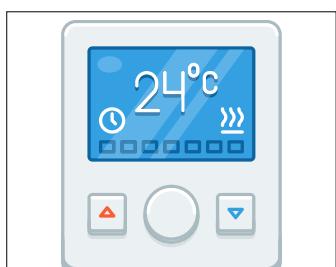
3. FUNDS

Significantly decarbonising the Council's Pensions Fund, with another £200m of assets moved to more socially responsible funds, meaning that by over 99.5 per cent of the Fund will be decarbonised



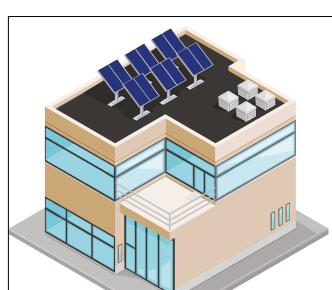
7. HEATING

Embarking on the most significant Council home retrofit programme in a generation, including with cleaner, cheaper heating systems for all



4. BUILDINGS

Decarbonising our Council buildings following the successfully bid for a £2.7m grant through the Public Sector Decarbonisation Scheme



8. SUMMIT

Involving young people in our response to the climate emergency, including organising a Youth Summit on the topic



5. LIGHTING

Switching to 100 per cent renewable electricity for all Council operated buildings, as well as all street lighting in the borough and communal lighting across all Council owned housing estates.



9. CHAMPIONS

Expanding our network of Air Quality Health Champions to advocate our clean air agenda across the borough



INTRODUCTION

TACKLING THE CLIMATE EMERGENCY

Newham's Annual Climate Emergency Report 2020-21 provides an update on the progress of our Climate Emergency Action Plan which was published in July 2020, following the Climate Emergency declaration made at Full Council in April 2019. It provides the next steps towards achieving our ambitious carbon neutral and carbon zero goals. This report also highlights key updates from the Air Quality Action Plan, which can be found in full at the Newham Council website.

Delivering these ambitious plans during the Covid-19 pandemic has undoubtedly been a significant challenge. Rightly, the response to Covid has involved mobilising the whole Council, with resources refocused to support and protect residents. Despite these additional challenges, we have made significant progress in tackling the climate emergency, with bold initiatives and plans put in place.

Importantly, the pandemic highlighted more than ever the need to put health and well-being at the heart of everything we do. Climate justice, and building a sustainable future, is therefore at the front and centre of our Towards a Better Newham recovery strategy. Our plans to respond to climate emergency are integrated into the most important building blocks of the council's strategic approach.

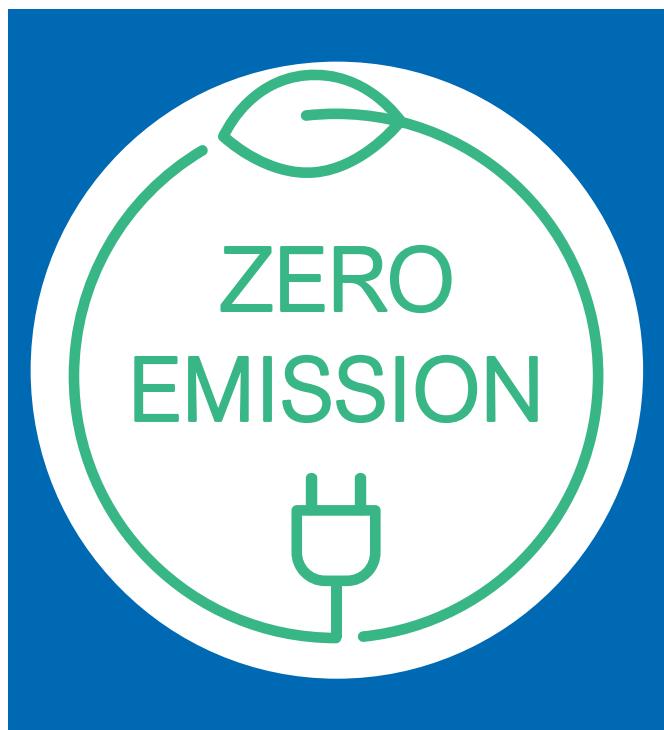


BACKGROUND

In April 2019, Newham declared a climate emergency, committed us to achieving carbon neutrality by 2030 and net zero greenhouse gas emissions by 2050². These ambitious, but necessary, targets are our contribution to meeting the non-negotiable needs of our planet. The Government has subsequently raised an additional target to reduce emissions by 78 per cent by 2035³.

In July 2020, our Climate Emergency Action Plan set out the key steps we will take to achieve these goals. The Climate Emergency Annual Report is an extensive report of our actions so far, and with further steps identified.

In developing our policies, we worked with residents through our first Citizens' Assembly on Climate Change during February 2020, which addressed how the council and residents could work together to achieve the 2050 carbon zero goal. Many positive ideas came forward, incorporated into our action plan, and this year we reported back to participants on our progress. In addition, the Council's Air Quality Action Plan, focuses on reducing localised pollution from transport and buildings.



² A reduction in greenhouse gases by at least 100 per cent of 1990 levels

³ Compared with 1990 levels: <https://www.gov.uk/government/news/uk-enshrines-new-target-in-law-to-slash-emissions-by-78-by-2035>

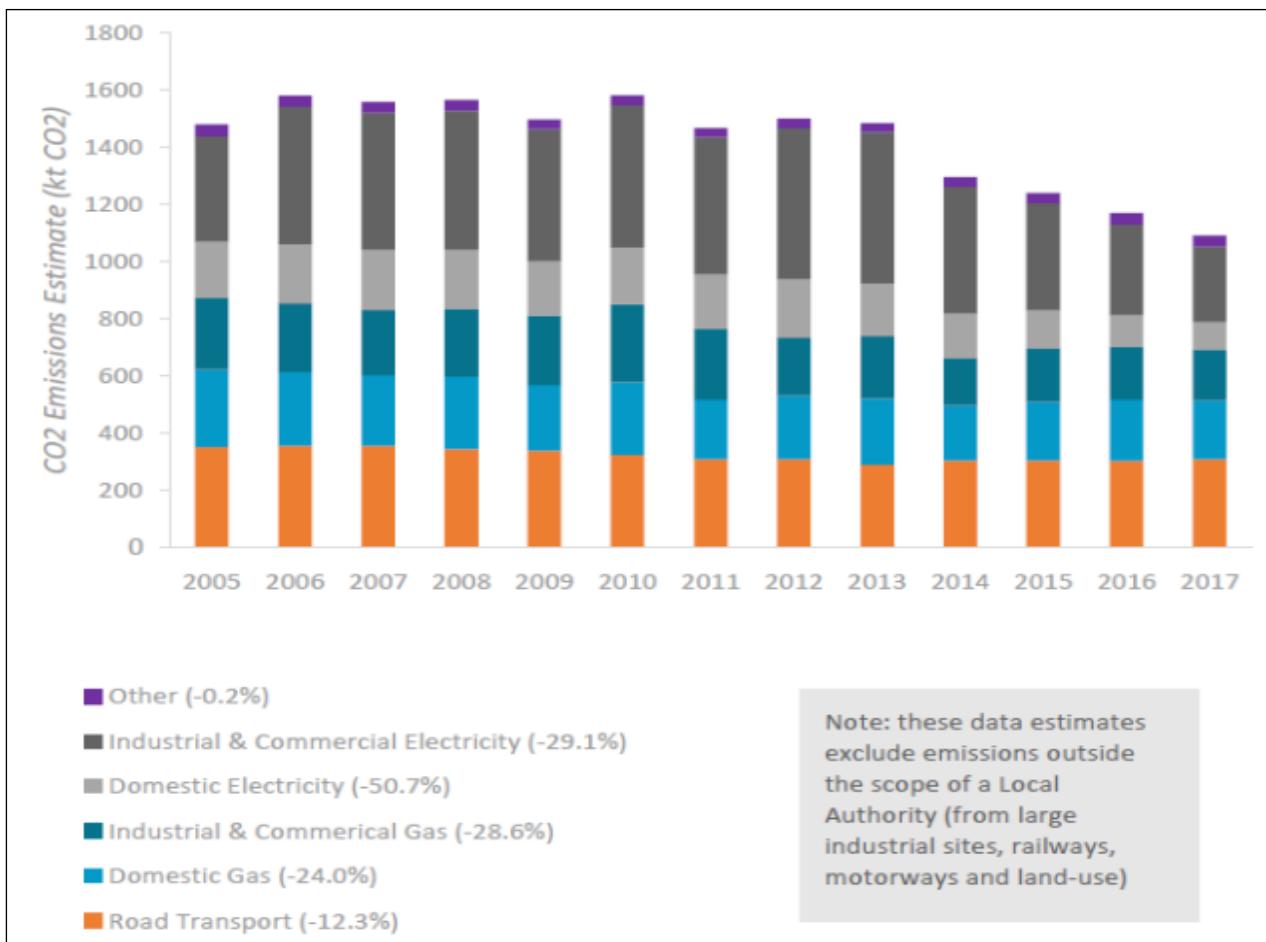
INTRODUCTION

WHERE WE ARE:

The trajectory we are on is encouraging. The Council's total emissions for 2019/20 were 7,125 tonnes of CO₂, a 42% reduction within the timeframe of this administration (since 2017/18); and some 58 per cent since data collection commenced in 2014/15. The table below illustrates annual emissions for the Council as an organisation.

Year	Carbon Emissions (tonnes of CO ₂)
2014/2015	16,847
2015/2016	14,969
2016/2017	14,164
2017/2018	12,329
2018/2019	9,216
2019/2020	7,125

Newham's CO₂ emissions 2005 – 2017⁴



⁴ Source: BEIS LA CO₂, 2019

CLIMATE AND IMPROVING HEALTH AND WELL BEING

At our Full Council meeting in March 2021, leading health inequalities academic, Professor Sir Michael Marmot, spoke powerfully about the links between health, environment and poverty, and how predictably the pandemic revealed them. We are acutely aware of the disproportionate effects of Covid on ethnic minority communities, and how this deepens inequality. Compounded by ten years of austerity and cuts to local government funding, health outcomes and living standards have worsened for many people in the UK, and here in Newham. While Covid-19 has disproportionately hit our residents, climate change is also a factor. In particular, the high levels of emissions from cars which significantly contributes to poor air quality in the borough and impacts life expectancy. Asthma hospital admissions in Newham for children under 19 in 2019/20 were 196.6 per 100,000 compared to 158.3 in England.

We will continue to implement our plans and work with residents to improve health outcomes and tackle health inequalities linked to climate change. More broadly this links to other actions within this strategy, including tackling poor air quality, addressing fuel poverty and ensuring our residents live in quality homes which all impact health and well-being.

ACTION OVER THE LAST YEAR:

There are clear links between poor air quality, respiratory health, and other long-term ill health conditions. This is an issue which disproportionately impacts Newham residents due to the high levels of air pollution in the borough. As part of tackling this we have massively stepped up our efforts to reduce pollution and cut harmful toxic emissions (see the section on air quality). We have increased communications with our residents to help better inform them and encourage healthier ways of living. This goes hand in hand with steps towards helping residents improve their personal health and puts people at the heart of our approach.

50 steps to a healthier Newham

Along with our partners, we launched 50 Steps to a Healthier Newham strategy to improve health and wellbeing of all residents in Newham. This has a specific focus on addressing all those social determinants of poor health outcomes, such as bad quality housing and poverty. This sets out how, by working together, we can make a real difference to our residents and is an integral part of the Towards a Better Newham strategy and has informed its Pillar 1 mission, where the measure of economic success is the health, wellbeing and happiness of our residents in Newham. An important feature of the 50 Steps to a Healthier strategy is our response to the climate emergency. Through this strategy we aim to improve air quality, tackle fuel poverty, encourage the use of green spaces to support the physical, emotional and mental wellbeing of local residents, and promote healthier lifestyles.

Air Quality Health Champions

We have been working in collaboration with residents, businesses and partners in communities, schools, and health providers to recruit, expand and support a network of Air Quality Health Champions across the borough. These Champions help deliver key messages across to the wider community to raise awareness, initiate behaviour change and deepen the required changes to stop the damaging health impact of idling cars; as well as encourage the healthy option of walking and cycling to school. These latter actions also contribute to the reduction of childhood obesity.



TACKLING FOOD INSECURITY AND ENCOURAGING FOOD HABITS THAT ARE GOOD FOR PEOPLE'S HEALTH AND THE PLANET

Food production and processing is a major driver of climate change. Meat-heavy diets produce almost twice as much CO₂ as a diet based primarily on plant-based food. As a society, we cannot tackle the climate emergency without making food more sustainable and encouraging people to adjust how they eat. Wasted food contributes 8–10 per cent of total human-driven greenhouse gas emissions, and roughly one third of food produced around the world is lost or wasted. Food insecurity is also a pressing issue, exacerbated during the Covid pandemic, due to lost jobs and incomes. Our plan for more sustainable food goes hand in hand with our efforts to tackle food insecurity.

Our upcoming Food Security Strategy will provide a robust response to support all families in Newham. Our approach builds on the work we have already done to tackle food insecurity. Last year we worked with local people to encourage them to eat more plant-based and less high carbon food, particularly meat. We will continue promoting the consumption of fresh, seasonal, and local produce, to help reduce 'food miles' and food waste. This is deeply linked to the food security approach is supporting our residents through education with preparation and cooking healthy meals. Through our approach we are linking efforts to tackle childhood obesity with our climate emergency response.

WHAT WE HAVE ACHIEVED IN THE LAST YEAR:



Food waste campaign

Our #NewhamSavesFood campaign helps residents reduce food waste, providing regular online food waste reduction workshops, and four week-long cooking courses run by Well Newham Kitchen. We hosted 30 residents per course, providing recipes tailored to reduce food waste, with a significant impact on habits. Before the first course, all participants were wasting food once a week or more. After the course; only 10 per cent were wasting food once per week or more because it was out of date, only 15 per cent were wasting leftovers once per week or more, and only 30 per cent were wasting edible parts of food once a week or more.

Good food plan

The launch of Dockside Diner in Feb 2020 demonstrated how we could take a public sector site and transform it to deliver food for people and planet. By focusing on fresh produce with lower carbon emissions, this initiative provides good quality healthy food that benefits both people and the environment. This is an exemplar of good practice which we hope will be replicated across both the public and private sectors.

Eat for free in Primary Schools

Mayor Fiaz has guaranteed the continuation of the Newham Eat for Free programme - which provides the universal Free School Meals to all nursery and primary school children regardless of background. Integrated into our approach is the Healthy Schools Programme, a whole schools healthy approach where the Council supports schools improve public health. The Council is proud to be working collaboratively with all the 66 primary schools in the borough and the programme will integrate the principals of reducing food waste.



WHAT WE HAVE ACHIEVED IN THE LAST YEAR:



Newham Food Champions

We are scoping work to develop Food Champions (with a climate emergency mission) out of the huge success of Covid Health Champions. This is an ongoing partnership with our Recycling Team. These champions are community figures supporting residents, including with information about the benefits of a healthy low carbon diet. They will also share useful information about Council initiatives on food. Perhaps most importantly it's about listening to residents and addressing any issues or concerns.

Newham Food Alliance

The Newham Food Alliance, a coalition of community groups, businesses and the Council, has made a significant impact in supporting people struggling through the Covid pandemic. It now has 32 organisational members, who are working with the Council to integrate the important actions of improving health outcomes and responding to the climate emergency into the programme plans. This links to over a hundred organisations in total, maximising the impact we have.

The Newham Food Alliance has resulted in over 1,850 tonnes of surplus food being used as part of the Council's pandemic response to support vulnerable households, equating to approximately 7,000 tonnes of carbon saved. The Newham Food Alliance partnership has been a crucial lifeline for many families and we are proud to be building on these achievements to prevent food waste and feed families during the most extreme and challenging of times.

CLIMATE AND IMPROVING HEALTH AND WELL BEING

Young People Food Security Initiative

We have also launched the Young People and Food Security initiative, as part of ongoing plans to address poverty and inequality in Newham. In January 2021, Mayor Fiaz announced the launch of an expert-led food security initiative to stamp out food insecurity facing children and young people in the borough.

Building on the raft of measures put in place to support Newham children and families during the Covid-19 pandemic, valued at over £9.6 million to date; and in line with the Council's 'Towards a Better Newham' recovery action plan, the initiative will address the impact of food insecurity facing young people in the Borough, including holiday hunger. Based on the principals of healthy eating and reducing food waste as part of our Climate Emergency response, the initiative has input from world-renowned experts and is supported by the Health Foundation, the UK's leading health promotion charity.

The 'Young People and Food Security' initiative will work with children, young people and their families to map the scale of food security challenges facing households in Newham. The work of the experts will shape a new strategy and programme of interventions to tackle holiday hunger facing young people which will be launched in summer 2021.

The initiative builds on the £6 million annual investment the Council makes in the Eat for Free programme to support the health and well-being of all primary school children in Newham; and reflects the ambition of Mayor Fiaz to address poverty facing Newham's young people across all age groups.

Some local authorities are exploring environmental reasons for implementation free school meals, in addition to the obviously benefits for children's health and educational performance. Newham is a leader in the approach, integrating free school meals with our public health, healthy foods, and climate emergency approaches.

We understand that High in Fats Salts & Sugar (HFSS) products are some of the most exploitative foods and drinks for nature and the environment, and are highly unhealthy for our diets. The production process for highly chemically processed food uses vast amounts of energy. Commonly used ingredients such as sugar and palm oil result in habitat destruction, with factory farming meat having one of the highest environmental impacts. Therefore, tackling the climate emergency must come hand in hand with making food more sustainable and encouraging people to adjust how they eat.



A GREEN ECONOMIC FUTURE

The pandemic has brought one of the most economically challenging periods Newham has ever faced. Our residents have been among those worst affected in both economic and health terms. Some 33,000 have been furloughed, with a 21 per cent take-up rate - the highest in London. Our business community has been shaken to its core.

We have grasped this moment to change the economic foundations of our society, building on our Community Wealth Building and inclusive economy approaches to tackle poverty and inequality including the marginalisation and exploitation that this generates. Integrating the principals of 'stratification economics' which addresses group based inequality driven by race, gender and class, our economic approach will ensure that the wealth created in the borough stays in the borough to support the economic wellbeing of our residents living here, and to provide opportunities for our talented young people in an age of rapid economic change. Central to this is creating a green economy to provide quality, high skilled and well paid jobs for local people. Our Towards a Better Newham recovery strategy further embeds this, with health and wellbeing identified as key determinants of our economic success.



**COVID-19
has had biggest
impact on
Newham**

**33,000
residents on
furlough**



**21%
take-up rate**



SUSTAINABLE ECONOMICS

WHAT WE HAVE ACHIEVED IN THE LAST YEAR:

Embedding Green Business practises

One of our flagship policies has been our Community Wealth Building Pledge. Launched in November 2020, this encourages local businesses to join and to commit to sustainable practices and behaviours.

We have worked closely alongside local businesses, ensuring access to grants to support them during the crisis. To date we have given over £100 million business support grants to over 5,000 businesses and over £100 million rates relief to 2,799⁵ businesses. Importantly we have been using these funds to encourage adoption of more environmentally sustainable practices, embedding our green principles and our Community Wealth Building values of fair employment, local procurement, and an inclusive economy.

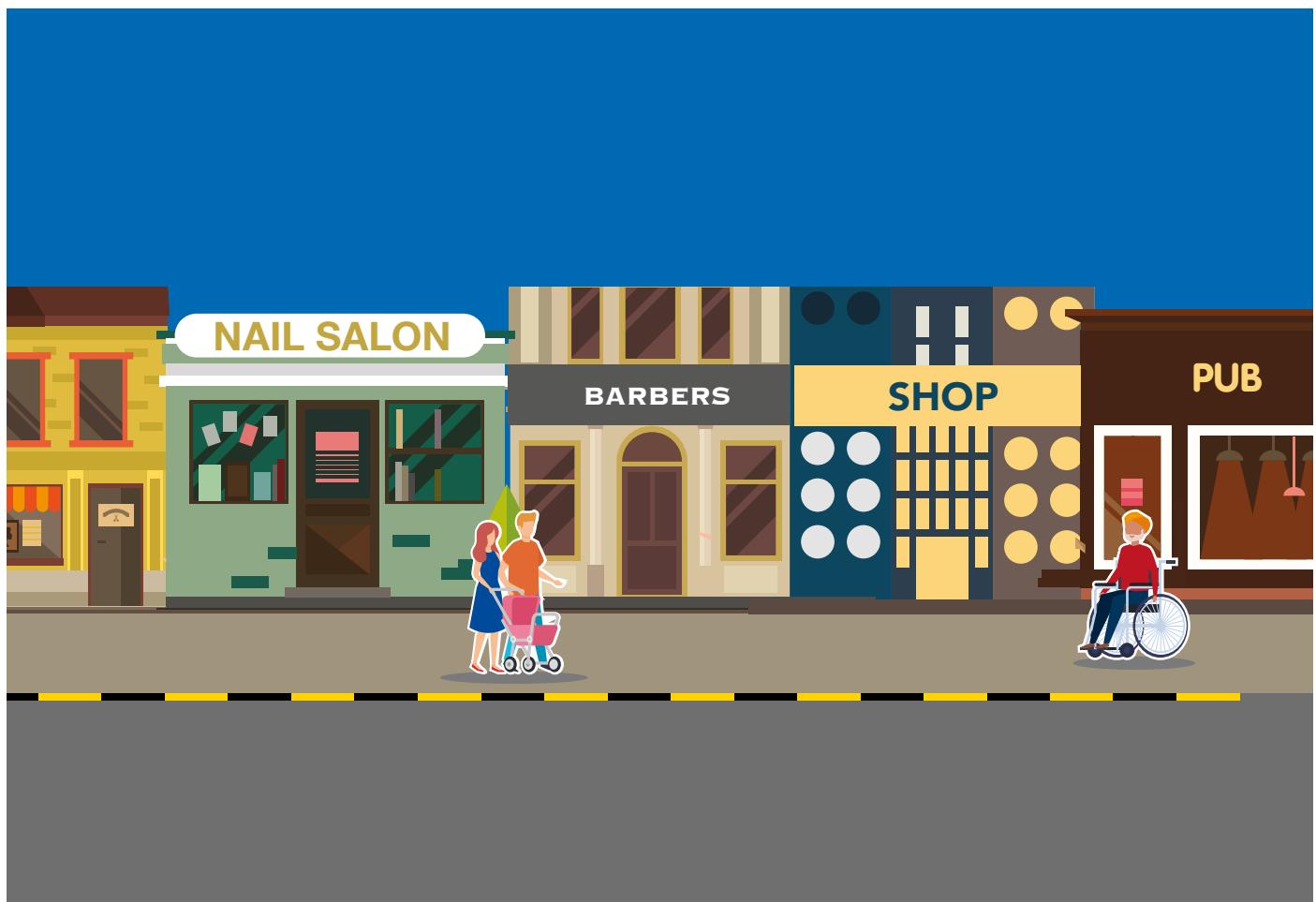
When these grants come to an end, businesses will continue to be supported to adopt green ambitions through our Community Wealth Building Pledge grants. These provide up to £10,000 for businesses committed to our pledge ambitions, and to support businesses adopt green practises and reduce carbon emissions in the borough.

A Just Transition for Skills

We have begun to look at developing a 'just transition' approach for skills. This is about ensuring that local people, particularly young people, can take full advantage of the new opportunities that come with a shift to a green economy. To this end we have been working with trade unions, local training providers, and the further and higher education sectors in Newham to encourage the development of courses to enable local people to develop their skills and secure jobs in the green technology sector. For example, we have been working with Hobbs Academy to provide free courses to Newham residents on digital visualisation, 3D printing, and Architectural, and Product Model Making, with a focus on sustainable methods of construction.

WHAT WE WILL DO IN THE FUTURE

In last year's report, we made clear our intentions to establish the Royal Docks as a hub for innovative and green enterprise. We have progressed this and the next stage of work has begun. Through our leadership role in the Royal Docks Enterprise Zone, the only one in London and located in Newham through a collaboration between the Mayor of Newham and the Mayor of London, we will be undertaking research and driving plans to develop the Green innovation and enterprise hub in conjunction with local anchor institutions and businesses as part of our transition to a green economy.



⁵ As of June 2021

PROCUREMENT, ESTATE MANAGEMENT, AND PENSIONS

- A GREEN APPROACH TO OUR SPENDING AND INVESTMENT POWER

Newham spends over £300 million per year with its suppliers. Our entire approach to procurement is being transformed under this administration. Instead of simply seeking the lowest cost and looking no further, we now use our expenditure to ensure that contracts deliver additional social value for our communities, the environment and the local economy. We are opening up our procurements to local businesses by ensuring that they have early visibility of opportunities and looking for ways for our supply chain to support the delivery of added value from its procurement spend. Our exciting Social Value plans will help us to deliver and report on our priorities.

Benefits are already being seen through our Living Wage Accreditation, meaning that all suppliers are required to offer the London Living Wage, and promote employee rights. Other achievements we have progressed through our changes to the procurement framework will have a sizable impact on carbon emissions. For example, we are encouraging local sustainable suppliers in our procurement and in the wider Council's supply chain. We are ensuring that all opportunities are taken to help support our climate change targets through our work with suppliers, as well as supporting the local economic to thrive and expand local job opportunities for our residents. Our facilities management team are also accelerating changes towards our carbon neutral and carbon zero targets. We are also working to decarbonise the Council's pension fund.

WHAT WE HAVE ACHIEVED IN THE LAST YEAR:

Energy management to reduce emissions

Our Energy Policy and Energy Management Plan aims to reduce carbon emissions by 30 per cent from the Council's operational buildings by the end of the financial year 2024-25. This equates to a reduction of 13,504 tonnes of CO₂, and a decrease of approximately 73 per cent since 2014-15. Part of this approach includes moving to 100 per cent renewable electricity for Council operated buildings, including corporate offices, libraries and community centres, streetlight and communal lighting in council owned blocks. Based on London Borough of Newham's energy consumption, our new energy contracts will also save around £1.75m over three and half years.⁶

We successfully bid for a £2.7m grant through the Public Sector Decarbonisation Scheme to help decarbonise our corporate headquarters, Newham Dockside. The grant is linked to the installation of energy efficient LED lighting, solar panels, and an environmentally friendly heat pump for heating and cooling the building. These projects are a significant step forward in the Council's Climate Emergency Action Plan, taking us closer to our commitment to become carbon neutral by 2030 and carbon zero by 2050.



⁶ Based on the last year cost avoidance report.

PROCUREMENT, ESTATE MANAGEMENT, AND PENSIONS

- A GREEN APPROACH TO OUR SPENDING AND INVESTMENT POWER

A radical shift in procurement

Our procurement has shifted radically over the past three years, including increased focus on environmental priorities. Our team is actively engaging with Council services to help identify sustainable purchases as practise. Other continuous efforts include reviewing existing contracts to ensure environmental standards are considered, and training staff to better identify these measures.

Pensions

The Newham Pension Fund was the first in London to develop and implement a ground-breaking Environmental, Social and Governance policy. This policy commits us to reducing fossil fuel exposure as quickly as possible, and to an absolute policy of not investing in tobacco or arms. The Newham Pensions Fund's fossil fuel company exposure is already among the lowest 10 per cent in the country is on track to halve to below half a percentage point of its investment assets by 2022.

In July 2020 we took another key step forward. The Pensions Committee approved a decision to move £200m of equity assets to a more socially responsible fund. These assets are now in an environmental, social, and corporate governance friendly index. This index has a much lower carbon exposure than the standard index and does not invest in coal extraction companies. This is not the end point of the decarbonisation of our pensions, but represents a significant step forward. Our ultimate goal is 100 per cent decarbonisation, which we do that as quickly as possible, but must be careful not to lose the fund's assets –the pension money of Council's employees – by doing the transition too swiftly and breaching legal requirements in the process.

Care workers

We have been looking at innovative ways of reducing carbon in all aspects of our work we do. For example, we examined how we work with our care workers, including how we can better support them, which has included paying them the living wage. We went beyond this, to shift to a 'patch-based' care approach, linking workers to specific areas. This enables care workers to be more embedded in their local community. It also reduces travel distance and time, promoting more walking and cycling, with the knock-on effect of reducing carbon emissions and improving air quality.

WHAT WE WILL DO IN THE FUTURE:

Our Pensions Committee is currently working with the joint pensions funds of other London Boroughs, the London Collective Investment Vehicle, to ensure low carbon investments are included in portfolios. Our own pension scheme will be carrying out work in 2021/22 on measuring carbon exposure in the investment portfolio, taking our zero carbon ambitions to the next step. As noted, our progress has been very successful and our exposure is already amongst the lowest in the country. We will move as quickly as we can whilst protecting our pensioners' money.

We are in the process of scoping projects proposed for this Council headquarters building to decarbonise emissions produced by the building. These projects include installation of heat pumps, LED lighting, and solar generation at the site. Our aspiration for this project mean decreasing carbon emission by more than 50 per cent carbon emissions at our Dockside headquarters.



GREEN HOMES FOR THE FUTURE

With a quarter of Newham's CO₂ emissions coming from domestic energy use, developing green, sustainable homes for the future is one of our most important goals. This includes reducing wasted energy through poor insulation and inefficient heating systems. This is closely linked to improving health and tackling poverty. Through bold steps we can make our homes more sustainable and more affordable. Addressing Newham's chronic housing crisis is a cornerstone of the council's policies, and also intrinsically linked to our green economy plans, with the potential for high quality construction jobs.

Our approach spans our newly built homes, improving our existing council homes and helping those in the private sector to meet green energy standards. From starting to build 1,000 social-rent homes during the Mayor's first term to retro-fitting our existing council homes to address fuel poverty, we are making significant progress through innovative approaches. We seek to build on the bold, innovative design and planning to promote greener living.

WHAT WE HAVE ACHIEVED IN THE LAST YEAR:

Fuel Poverty

We have worked to improve the energy efficiency of domestic properties and reduce fuel poverty. We have formalised links with a fuel poverty referral network SHINE, funded by Greater London Authority. This gives free energy advice and visits to Newham residents. It sets out Newham's flexible eligibility criteria to access free loft and cavity wall insulation for households living in energy inefficient properties.

We have also taken key steps in making our council owned housing more energy efficient. This has included replacing old-style sodium lamps with efficient light-emitting diode (LED) lighting in communal areas of blocks of flats to reduce energy consumption and running costs.

Updating Gas Boilers - investment in cleaner, cheaper heating

We have made significant investment to replace inefficient gas boilers with high efficiency ones. We are developing a medium-term plan to replace all boilers with renewable energy alternatives. This work goes hand in hand with ongoing projects to improve the energy efficiency of buildings, included as part of the capital programme. This entails

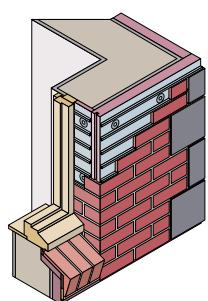
providing resources to improve thermal efficiency through external insulation, replacement windows, doors and roofs.

Housing Delivery Strategy

These actions are in line with our Housing Delivery Strategy, which sets out our high standards for low-energy homes in new Council-led developments, and how we are using planning powers to ensure that homes delivered by our partners are also ambitious. We will be starting a programme of energy-efficient retrofit across Council properties and using the landlord licensing scheme to address poor energy management and standards in the Private Rented Sector. We also are exploring an innovative retrofit scheme that would incentivise owner-occupiers to invest in making older homes more energy efficient.

WHAT WE WILL DO IN THE FUTURE:

Housing is key to how we develop a greener economy. Populo Living, our wholly owned housing company, allows us to be ambitious in our targets and efforts. In the future our innovation will continue to explore new ideas, such as the 'Big Green Loft' pilot, and we'll be accelerating ambitious retrofitting projects and exploring the potential of installing renewable energy sources in our council housing stock and community centres.



Ladysmith Avenue, East Ham: a traditional Victorian terrace



Rosher Close, Carpenters Estate: typical 1960s housing

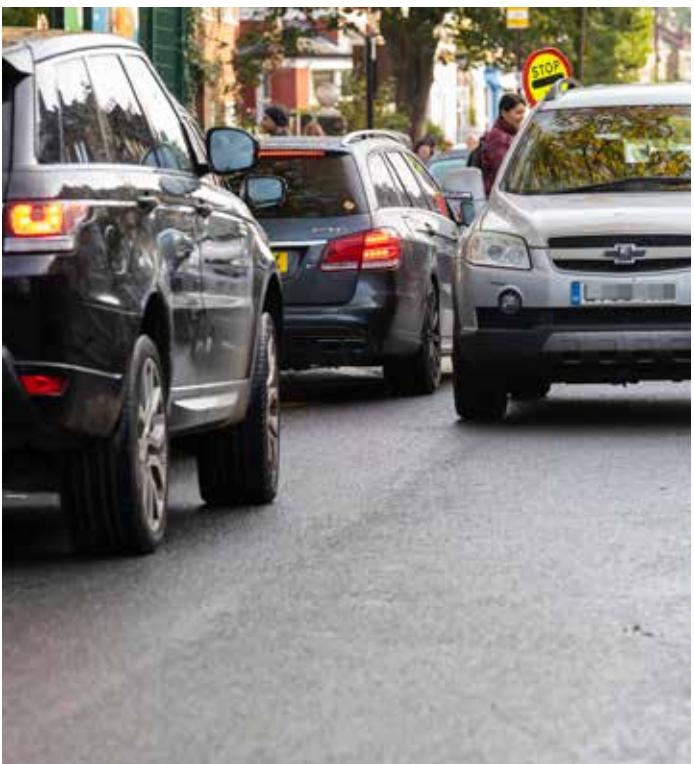


Keirin Road, Stratford: modern, energy efficient housing

AN ENVIRONMENT FOR ALL

The value of our local outdoor places has been increased during the pandemic, and is ever more important for our everyday life and well-being. It is our mission is to ensure that the borough's spaces are green and liveable, accessible, safe and high-quality places for leisure, recreation and exercise. This will contribute to a cleaner, healthier, more sustainable environment, reducing CO₂ levels and other airborne pollutants and allowing wildlife to thrive.

Transport on our roads is a key contributor to our carbon emissions. We want pleasant streets with less congestion and pollution, through more sustainable transport which encourages walking, cycling and public transport. We are proud to have pushed work forward with this, through the Covid-related TfL Streetspace Plan funding. Substantial steps have been taken to green our vehicle fleet and incentivise lower and zero emission vehicles.



As a society, we consume more goods than ever before. Put in very simple terms: we need to dispose less and recycle and reuse more. Only 17 per cent of Newham household waste is sent to recycling centres. What we do throw away needs to be done in the greenest way possible. We have been developing a more environmentally friendly waste disposal management approach, whilst supporting residents to recycle more, and use less.



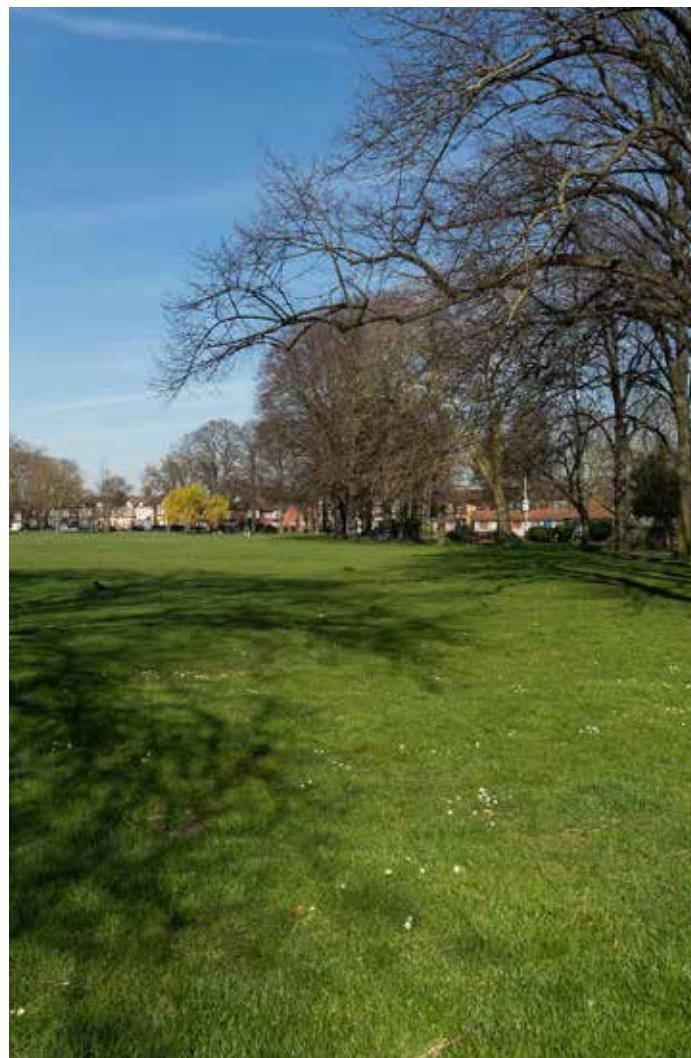
GREENING THE BOROUGH

WHAT WE HAVE ACHIEVED IN THE LAST YEAR:

Building on past actions, we brought our Parks and Open Spaces back in-house to allow us to better direct improvements across our green spaces. We have already seen the benefits. Our tree planting programme has begun, permanently and positively transforming the character of our borough, contributing to air quality improvements and introducing more greening in our local neighbourhoods.

Working with Trees for Cities and City Hall, our tree planting project kicked-off in Beckton in 2020 with 9,000 saplings being planted. This alone will contribute towards increasing London's tree canopy by 10 per cent by 2050. Together we have subsequently planted 712 trees in the Royal Docks area, 313 in wards with an insufficient tree canopy cover, and a further 288 trees planted on our highways and residential streets.

Our Parks and Green Spaces Strategy and Plans, published in April, sets out how we will ensure these valued public spaces are maintained to the highest standards. This includes surveying wildlife habitats, developing a management plan for East Ham Nature Reserve, waterbodies and woodland areas.



WHAT WE WILL DO IN THE FUTURE:

These efforts are changing the borough, and we won't stop here. Beckton District Park will be used to create areas of conservation meadow to provide additional habitat. Our conservation management of East Ham Nature Reserve will enhance and protect this area. We are developing a Parks Strategy with a focus on enhancing our parks assets, with further plans for nature recovery and urban forests.

We will also improve the quality, biodiversity and resilience of the Barrington open space through the creation of woodland habitat areas. Through planting more trees in this area we will create a green corridor, connecting Barrington Open all the way through to Leigh Road Sports Ground.

Our tree planting will continue with an additional 3,500 plus trees. This will increase canopy cover, helping to remove pollutants from the air, improve air quality, absorb carbon dioxide emissions, and reduce noise pollution.

We are implementing the principle of 15-minute neighbourhoods in Newham, through intended changes to our Local Plan, the way we design our neighbourhoods, where we locate essential services and how we will revive our high streets; so that all such amenities are within a 15-minute walk or cycle for residents to reduce the reliance on cars and associated pollution. Finally, through our local plan we will ensure that, at minimum, there will be no net loss of designated green space in the borough, that we will identify and signpost resources regarding the best planting and landscaping interventions in relation to air quality, and that we delivery the Lea River Park projects as specifically new green space.



REDUCING WASTE AND INCREASING RECYCLING

In August 2020 we began a successful trial of weekly recycling, accepting a wider range of materials for recycling. Weekly recycling will be rolled out across the borough later in 2021. Our “one bin no waste approach” also aims to reduce fly tipping in the borough.

Previously around 100 housing blocks in Newham didn't have the facilities to recycle. We have now provided all of these blocks with new user friendly recycle bins, accompanied by resident engagement to inform what can and cannot be recycled.

We will also expand the range of materials that can be put in the recycling bins from this year. These will add aerosols, plastic pots, tubs and trays and glass making it easier for people to increase the amount of items they recycle.

Our anti-fly tipping work has accelerated, in collaboration with Keep Britain Tidy, as we recognise that our climate approach is about reclaiming our borough as a positive environment for all our residents.



Sustainable Fashion Accelerator

Our work with the London Legacy Development Corporation (LLDC) in the Queen Elizabeth Park area has resulted in the commissioning of The Trampery to offer a 6 month Fashion Accelerator targeting Newham residents. This is opening new pathways into employment, allowing our residents to learn new skills, develop ideas around recycled fashion and sustainability, which will contribute to the shift to more conscientious consumer consumption and a move away from ‘throw-away’ and ‘fast fashion’ culture.

WHAT WE WILL DO IN THE FUTURE:

We have approved a new recycling and waste management strategy, delivered by the four East London Boroughs of Newham, Havering, Barking and Dagenham and Redbridge through the East London Waste Authority (ELWA).

This strategy outlines our ambitions in terms of decreasing the environmental impact of our waste and increasing re-use and recycling. With a joint recycling target of 35 per cent, this strategy will also outline the ambitions of the four councils in terms of decreasing the environmental impact of our waste and increasing re-use and recycling.

We will also be promoting circular economy initiatives and work with local reuse and repair organisations. Our aspiration is for Newham to lead the way in green consumerism. Finally, our anti-fly tipping work will progress to the next stage, focusing on designing out fly tipping. We encourage ‘community takeover’ of underused and under-loved spaces, turning places that are often unsanitary and unwelcoming into usable and enjoyable public spaces.

CASE STUDY: DESIGNING OUT FLY TIPPING

We have secured funding to pilot potential solutions to fly-tipping, through our collaboration with Keep Britain Tidy. One example is our chalk paint stencils that highlight the cost of removing fly tips were stencilled on locations from which fly-tips had been removed. The aim of the chalk paint stencils intervention is to drive behaviour change by highlighting that fly-tips don't just simply disappear, but have lasting impacts on the community. Our pilot had:

- Up to 67 per cent reduction in fly-tipping during the intervention
- After the intervention, fly-tipping remained 63 per cent lower before
- In the residents surveys carried out:
 - 46 per cent respondents felt it made them think twice what will they do with their unwanted furniture
 - 58 per cent respondents felt that the intervention showed that Newham Council is working to tackle fly-tipping

IMPROVING OUR AIR QUALITY AND SUSTAINABLE TRANSPORT

Improving air quality and reducing pollution goes hand in hand with addressing the climate emergency. It is one of the single biggest health challenges for our borough. The disproportionate impact of air pollution on communities of colour across the country is well established. Just as communities in the global south are those most adversely affected by the consequence of climate crisis, communities of colour in boroughs like Newham have for too long been overlooked in conversations on clean air.⁷

According to Public Health England, Newham has the highest death rate attributable to particulate air pollution in the country.⁸ Poor-quality air disproportionately affects the borough's poorest residents, who tend to live on the most heavily used roads. Our data shows that there is a correlation between car ownership and average income – and we know that the poorest communities are least likely to drive cars but most likely to be affected by poor air quality. The health impacts of exposure to PM2.5 is the equivalent of every person, including babies and children, smoking 159 cigarettes per year. Another study found that seven out of every 100 deaths linked to dirty air, totalling 96 deaths each year.⁹ Newham also has the highest rate of child hospitalisation for asthma related conditions in the country, with 4,500 admitted every year with life debilitating respiratory conditions. A recent study by Imperial College London estimates that without recent London-wide air quality policies Without the Mayor's air quality policies and other general air pollution trends, a child born in 2013 would lose 7 to 11 months of life expectancy due to air pollution.¹⁰

One in seven (14%) of Newham's population and the entire town centres of Stratford, East Ham, Forest Gate and Canning Town are exposed to levels of Nitrogen dioxide (NO₂) that are above the UK limit value for human health. The entire Borough exceeds the World Health Organisation guide limit for PM2.5 particulates

Again, Covid-19 has highlighted the scale of this problem, and with emerging research suggests exposure to poor air can increase the risks and deaths of Covid-19.¹¹ Furthermore, it has also been shown that low traffic schemes provide the greatest benefits to more deprived area.¹² The tragic impact of Covid-19 since March last year has only strengthened our resolve to ensure our residents breathe in an air that is not damaging to their health.

Road transport is amongst our biggest pollutants. We need to change the way we travel to ensure it becomes increasingly environmentally friendly. One significant step is our emissions-based parking charges, outlined below. Our upcoming transport strategy will further set out our sustainable transport approach.

WHAT WE HAVE ACHIEVED IN THE LAST YEAR:

In 2020, we made further progress on our ambitious five-year Air Quality Action Plan. The plan seeks to reduce pollution in and around schools, and extend school audits; improve walking and cycling infrastructure and support regular car free days and temporary road closures in high footfall areas. Our Healthy Street Approach supports the creation and deployment of infrastructure to support the widespread adoption of zero emission transport and zero emission buildings.

We have greatly expanded our air quality monitoring network, which now captures 90 per cent of all air data, and we have invested in 25 additional low-cost sensors to improve our work. Our efforts will focus around school streets, monitoring each and every school. We also have secured a City Airport monitoring officer to ensure that London City Airport's approved Air Quality Monitoring Strategy is functioning as agreed.

People Friendly Streets and Liveable Neighbourhood schemes

We have delivered a number of People Friendly Streets schemes to alleviate the burden of air pollution on Newham residents and their health. Our Browning Road pilot traffic scheme has become permanent after reducing air pollution and average of 28 per cent by up to 40 per cent. Traffic counts at Browning Road Bridge show that traffic volumes have reduced by up to 62 per cent (3,000 vehicles per day) between 7am and 7pm. This has significantly reduced the volume of harmful chemicals air pollution our residents are exposed to on a daily basis.

⁷ www.theguardian.com/environment/2016/oct/10/londons-black-communities-disproportionately-exposed-to-air-pollution-study

⁸ <https://fingertips.phe.org.uk/search/air%20pollution#page/3/gid/1000002/pat/6/par/E1200007/ati/102/are/E09000030/iid/30101/age/230/sex/4/cid/4/tbm/1/page-options/tre-ao-1>

⁹ <https://www.newham.gov.uk/public-health-safety/air-quality-newham>

¹⁰ <https://www.london.gov.uk/press-releases/mayoral/new-imperial-study-on-mayors-aq-policies>

¹¹ <https://www.escardio.org/The-ESC/Press-Office/Press-releases/study-estimates-exposure-to-air-pollution-increases-covid-19-deaths-by-15-world>

¹² <https://www.theguardian.com/world/ng-interactive/2021/mar/02/low-traffic-schemes-benefit-most-deprived-londoners-study-finds>

IMPROVING OUR AIR QUALITY AND SUSTAINABLE TRANSPORT

Anti-idling campaign

As part of this campaign, Idling Action project officers and Newham Air Quality officers have been delivering anti-idling activities (workshops and action events) to primary schools for its year 4, 5 and 6 classes. This has taught pupils about the importance of air quality to empower them to think of ways they can reduce their exposure to pollution, and engage teachers and parents to act, persuading drivers and passers-by to switch off their engines when parked outside schools. Our campaign has been supported by billboards illustrating the public health consequences of idling.



Emissions based parking

Our new system of emissions-based parking scheme, which has already been adopted by 16 local authorities in London, seeks to reduce greenhouse gas emissions by encouraging residents to switch towards less polluting vehicles as well as considering taking more local trips by sustainable modes of transport, like walking, cycling and public transport. It also supports the majority of local residents who do not own a car and are reliant on public transport, so that they stop subsidising car use through their Council Tax. Additionally, to support a 'just transition' to the new emissions based parking scheme, we have introduced a 40 per cent reduction in the costs of the scheme to car owners for the first 12 months in recognition of the economic impact of Covid-19 on household incomes. Additionally, to help support the switch to hybrid and electric vehicles, there is no CO₂ charge for this type of vehicle.

Whole School Asthma approach

The Newham School Health team is supporting all schools to have a whole school asthma approach, through coordinating with our valued school partners, ensuring that our young people can have the best quality health possible. Working with our local businesses

Engagement with businesses is a key part of our approach. Our work on the first round of the Zero Emissions Network (ZEN) reduced dangerous Nitrogen Oxide (NO_x) emissions by 114.2kg a year. This was achieved through several different schemes including:

- Trailing of zero emission cargo bikes for delivery, resulted in the purchase of seven bikes for permanent use: NO_x emissions reduced by 30.8kg a year.
- Free business membership to Zipcar: NO_x emissions reduced by 56.8kg a year.
- Free cycle training and cycle workshop for ZEN members: NO_x emissions reduced by 10.6kg a year.

Greening our Council vehicle fleet

We have made substantial progress this year in making our vehicle fleet more environmentally friendly. In July and August 2020, we introduced a Gas-To-Liquid (GTL) fuel alternative to diesel to reduce particulates and emissions. We are introducing 40 electric vans, and the first nine fully electric vehicles are now fully operational, with an additional 30 to arrive in August or September 2021. This is part of £20m of investment in renewing the fleet. Current leasing agreements will be changed at no extra cost to begin to replace our fleet with 170 new vans and 40 mini-buses that are all either fully electric (zero emission), mild hybrid or Euro 6 gas to liquid fuelled. The new vehicles will ensure the Council meet the legal standards required by the Ultra-Low Emission Zone due in October this year (2021). We are committed to having fully green fleet by 2030. Additionally we are investigating other measures to reduce vehicle use by moving to alternative methods where possible, such as cargo bikes.

IMPROVING OUR AIR QUALITY AND SUSTAINABLE TRANSPORT

The shift to electric vehicles

We have begun in earnest the roll out of our Electric Charging Point Infrastructure. This makes it easier for residents to make the transition to electronic cars. Since last year's report, we have installed 100 charging points, with a capacity to charge 140 cars at one time. We are in discussions with suppliers to increase the borough's chargers, and for an electric car friendly Newham.

We have installed six (two in partnership with the Royal Docks) Brompton Bike docks with eight bikes each at Royal Albert, Forest Gate, Manor Park and Maryland stations, Newham University hospital and the Royal Victoria Dock.



WHAT WE WILL DO IN THE FUTURE:

One of our key powers as a Council is in planning. We will pursue our aspirations for cleaner air and our carbon emissions goals through the review of our Local Plan, which has commenced. This includes applying air quality conditions to relevant applications, and monitoring to enforce the air quality requirements in all these developments. Our planning approach will also ensure that all new development should be at least air quality neutral, setting in stone the need to protect and enhance our green spaces and infrastructure.

We are further examining ways to expand collaboration with schools to improve air quality, to find new ways of working with them to tackle the climate crisis and educate future generations.

Our new transport strategy will put a sustainable future at the heart of our approach, looking at how we move away from polluting vehicles completely, encouraging public transport, walking, cycling, and car clubs. Our Brompton Bike Dock rollout will continue, with new docks at Royal Victoria, Pontoon Dock, and Royal Albert DLR station.

Given the fall in public transport revenue due to Covid, there is a challenging funding environment with our partners, making future investments potentially more difficult. However, the new opportunity we have is in re-examining how and why we travel. As our section on procurement illustrates, we have looked at reducing car journeys of our social care workers. Likewise, we will be examining ways of using increased remote working to reduce transport emissions.

CASE STUDY: IMPROVEMENT WORKS IN STRATFORD REDUCING POLLUTION

Newham has implemented major improvement works within Stratford Town Centre to facilitate an attractive, accessible and people-friendly environment. This includes new cycle lanes, pedestrian pavement widening, green public spaces including sustainable urban drainage, new road crossings and removal of the one-way traffic flow.

Following a two-year study, we have found very encouraging reductions in air pollution. The results show an average 24 per cent reduction in dangerous Nitrogen Dioxide pollution, a 53 per cent reduction in particulate matter 10 micrometres in diameter (PM10), and a 17 per cent reduction in particulate matter 2.5 micrometres in diameter (PM2.5). These reductions were greater than the overall decline in background pollution due to London and national air quality reduction initiatives and the Covid restrictions during the same time period. This illustrates the effectiveness of our approach and how these changes are already having a profound impact on air quality, improving the air residents breathe in every day.



INVOLVING AND EMPOWERING OUR COMMUNITY

The Council is committed, through People Power for Newham, to deepening local democracy and participation to strengthen genuine participation at a local level. Not only is this pledge vital to the health of our democracy, it is critical to our effectiveness in tackling the climate emergency.

The Citizens' Assembly on Climate Change convened in early 2020, emphasised the importance of empowering residents with information and awareness. Therefore the Council aspires to be "working with", rather than 'doing to', people in Newham, working together to develop innovative ways to improve our environment, our health and achieve our climate goals. Our action plan recognises that taking forward our plans for climate zero by 2050 can only be done working hand in hand with residents and local organisations.

After the Citizens' Assembly reported with a series of recommendations, the Council responded and incorporated those ideas into our Climate Emergency Action Plan. In March 2021 we met with participants to update them on our progress. The Council has been building on existing collaborative work with residents through the Citizen Assembly on Climate Emergency, and our vibrant Youth Assembly on the Climate

Emergency, working together to shape our plans to meet our climate zero targets.

This collaborative work has been vital in developing our action plan, in working through policies in areas such as housing, through co-production and co-design principles, and, thirdly, in helping residents work with us to adopt new, sustainable ways of living, working and travelling.

WHAT WE HAVE ACHIEVED:

Publicly Available Air Quality Data

Our Air Quality Action Plan commits us to make air quality data publicly available. We currently deploy one of the largest networks of air quality monitors in the country, which is crucial to understanding emissions concentrations. Having this data helps us to make decisions and employ technology, innovative and creative solutions to clean up dirty air in the borough through initiatives and projects in public health, transport, industry, planning and development. This information is now displayed on our website so that residents can see live air quality updates.

Co-production and design



INVOLVING AND EMPOWERING OUR COMMUNITY

Youth Climate Assembly

Despite Covid-19 restrictions we held a vibrant interactive Youth Climate Change Summit earlier this year. Due to pandemic restrictions we had to think creatively about how we carry out some of our objectives. Our Climate Change Youth Summit took place in a digital space during April, through a series of workshops, some of which have used exciting virtual reality immersive experiences focused on the climate emergency. This is a topic that young people have been extremely active in and we wish to expand on it even further.

In order to ensure that we have a clear and consistent approach to engaging and involving residents across Council services, we are developing a resident participation framework. The framework will identify good practice and support council staff to adopt and apply participatory and co-production approaches to policy and service development. This commitment follows the recommendation of the Democracy and Civic Participation Commission in 2020 that the Council should work with local people to develop a framework of mutual expectations around participation and involvement. Future:

COP26

The coming months will define the global response to climate change. With the upcoming 2021 United Nations Climate Change Conference (COP26), we will be vocal to ensure our concerns and our achievements are heard. We will call on

central government to do more, but also show how we as Council will tackle these problems. Finally, we will engage with our residents to make sure we hear them and that we work together to tackle climate change.

People Power

Newham has an innovative approach to participatory democracy and resident engagement. Building on the community assemblies we convened from 2018, we held 16 community assemblies in our 8 community neighbourhoods in April 2021 that gave residents direct influence to create a shared vision for the place where they live, work or learn and to help shape its development and growth. Each neighbourhood has been allocated approximately £100,000 funding to spend on improving the area.

From May 2021 we are trialling a standing Citizens' Assembly for a year, giving residents the chance to directly impact how decisions that affect their lives are taken forward. This builds upon existing local Citizens Assemblies and Forums on issues from Climate Emergency to budget spending, on co-production and co-design principles and further opening up transparency and decision making.

Residents have been given the opportunity to select the topics they will debate and explore. Their deliberations are expected to further inform our climate emergency action plan as the two broad themes that have been selected are "greening the borough" and "the 15-minute borough".



NEXT STEPS

In November 2021, the 26th United Nations Climate Change Conference (COP26) is set to take place. This is an important opportunity for the nations of the world to come together to discuss the challenges facing our carbon emissions targets. It is also an opportunity to push governments to better resource our collective response.

The UK government has already set a more ambitious 2035 deadline for a 78 per cent emissions cut. While this is a positive step forward, ambitions on paper are not the same as a concrete plans and meaningful support. This new target has not come with any details on new funding or powers with which we could reduce our carbon emissions or to help others to do the same.

At Newham we understand that central government support is an essential part of meeting emissions targets. We will continue to press the government to be bolder and to back up their vision with support for local authorities, businesses, and residents. We will use our influence as a Council to ensure that central government hears our residents' voices and concerns.

We have an ambitious project to help us deliver our goals, to plant more trees, insulate homes, improve our air quality and catalyse our transition to a green economy. This will continue in the context of Covid and our recovery - build back fairer, better, greener and healthier. However, the next big step we need to take as a Council is developing a clear roadmap to meet our emissions targets, which reflects new benchmark set by government of reducing carbon emissions by 78 percent by 2035 as set out in the Sixth Carbon Budget published in April 2021.

We will look across the key areas to see what we still need to do, what the challenges are, what is possible and what further support may be needed from government. For instance, renovating the UK's draughty homes to low-carbon

standards within the next four years would create 100,000 jobs, cut people's energy bills, increase tax revenue and bring tens of billions in economic benefits, according to estimates by the construction industry. As part of our contribution to a 'national retrofit strategy', we have already started an innovative programme of decarbonising Council homes in Newham, and through our 'Big Green Lofts' pilot launched by our housing delivery company, Populo Living. We will be lobbying government to support us through providing us with the resources we need to accelerate these transformative programmes.

The response to Climate Emergency is part of a global effort and agreed targets, which require collective efforts, and Newham will be leading the way in local government. Our approach will continue to embody collaborative principles. We are committed to putting our people at the heart of everything we do, working as active partners. We call on our residents to get involved in any way they can, be that participating in our public events, becoming air quality champions, or simply recycling more.



Once on site, there are several sustainable technologies we could add to the pilot loft conversions to improve efficiency.



Solar PV panels

cost £4-5K



Water Butts

cost £50 or less



Extractor fans can cost around £100 to install



A 'green roof' costs around £70 per m²

NEXT STEPS



1.

Planning for carbon zero in our housing stock, including the launch of new innovative Green housing products such as the 'Big Green Loft' scheme we are piloting



5.

A transport strategy that leads to better health and sustainability



2.

Developing our green economy approach, including in the Royal Docks



6.

Parks and green spaces: reshaping the borough for a green future



3.

Implementing a whole system's approach to healthy eating which identifies healthy food as low carbon food



7.

Embedding our work with residents and supporting behaviour changes through our People Power for Newham approach



4.

Develop a roadmap to meet our carbon emissions targets



www.newham.gov.uk