

The following tables comprise the draft Climate and Ecological Emergency Strategy. Where officers are still gathering data to solidify targets, the areas have been highlighted in **yellow**. These targets will be confirmed before the Strategy adoption. Note the Food theme is under development.



<p>We are leading the way to meet a zero carbon future by managing, designing, building and refurbishing properties using Passive Building design principles.</p> <p>We are enabling residents and businesses to opt for renewable sources of energy and requiring developers to build low and zero carbon heat networks.</p> <p>We are ensuring all buildings borough-wide reduce energy consumption, to address fuel poverty and lessen energy demand.</p>	<ul style="list-style-type: none"> • Increased health and wellbeing of residents with better insulated homes • Improved air quality • Lower energy costs for residents and businesses • Reduction of households in fuel poverty • Support of the local, green economy 	<p><u>Council (Domestic)</u></p> <p>Reduce Energy Consumption of all Existing Buildings</p> <ul style="list-style-type: none"> • 100% of housing specifications will contribute to zero carbon outcomes • All council owned homes will have an average EPC rating B (SAP points) by 2030 • All staff responsible for managing properties will receive training on climate change, with all new role profiles requiring a focus on sustainability <p>All New Residential and Commercial Buildings to be Built to Zero Carbon Standards</p> <ul style="list-style-type: none"> • All new council owned housing will be designed to zero carbon standards by 2020 • All new council owned housing will be built to zero carbon standards by 2022 <p>Increase Investment in Renewable Energy Generation</p> <ul style="list-style-type: none"> • Actively install low carbon replacement heating solutions from 2020 • Last replacement gas boiler will be installed in 2025 for blocks • Last replacement gas boiler will be installed in 2030 for street properties • Assess all non-regeneration properties for solar PV installation within the next 5 years <p><u>Private (Domestic)</u></p> <p>Reduce Energy Consumption of all Existing Buildings</p>
--	--	---

		<ul style="list-style-type: none"> • Use Council-led programs to carry out 1000 large-scale energy efficiency measures and 4000 small-scale energy efficiency measures on private homes by 2030. • Contact 100% of licensed landlords to promote energy efficiency measures and programs across all housing tenures (ECO3, EcoFurb/Retrofit Together) by 2021. • Develop a website containing expert information and sign posting to ensure all buildings are efficiently addressing heat loss before additional measures (on-site generation, etc.) are added by 2021. <p>All New Residential and Commercial Buildings to be Built to Zero Carbon Standards</p> <ul style="list-style-type: none"> • Clearly define zero carbon building targets for new build for planning policy evidence base and adoption by 2021 • All minor developments to be included in low/zero carbon targets by 2021 <p>Increase Investment in Renewable Energy Generation</p> <ul style="list-style-type: none"> • Encourage 500 homeowners to install renewable generation technology (through collective purchasing, such as Solar Together) by 2025 • Influence 1000 homeowners to switch to 100% renewable electricity programs (such as London Power, Big London Energy Switch) by 2025 • Develop a website with information and sign posting on heat pumps and other renewable heating technologies, including incentive programs (such as RHI, HNIP) by 2021 • Support the completion of 10 new community led energy projects within the borough by 2022 <p><u>Council (Corporate Estate)</u></p> <p>Improve the Energy Performance of all Corporate Properties</p> <ul style="list-style-type: none"> • All commercial properties will have an energy audit and performance target by 2021 • All non-DEC (buildings under 500m2) will be improved to an EPC level C by 2025 • All operational buildings will be high performance and intelligent to reduce energy demand as far as possible in support of becoming zero carbon by 2030 • To be confirmed – target for leased out properties <p>All New Residential and Commercial Buildings to be Built to Zero Carbon Standards</p> <ul style="list-style-type: none"> • All new council owned corporate will be designed to zero carbon standards by 2025
--	--	---

Draft Climate and Ecological Emergency Strategy

		<ul style="list-style-type: none">• All new council owned corporate will be built to zero carbon standards by 2030• <i>To be confirmed – schools property target</i> <p>Increase Investment in Renewable Energy Generation</p> <ul style="list-style-type: none">• 100% kWh increase in solar PV generation from current levels by 2025; 100% again by 2030• 100% of replacement heating and hot water systems will use low carbon technology from 2025
--	--	--



<p>We are changing the landscape of travel for Ealing residents and guests and reducing the dependency on motorised vehicles by:</p> <ul style="list-style-type: none"> Investing in sustainable active travel via walking and cycling infrastructure Supporting plans to extend public transport links Supporting the electrification of London buses Investing in electric vehicle infrastructure 	<ul style="list-style-type: none"> Improved resident and guest health: 23% reduced risk of heart disease and stroke and 15% reduced risk of type 2 diabetes by including 15 minutes of active travel into commute Immediate improvement in air quality and respiratory health for residents Reduce congestion in Ealing and cut time stuck in traffic by 15% per day Support the creation of jobs in e.g. the cycle 	<p>Reduce Number of Vehicles Travelling in and Through Ealing</p> <ul style="list-style-type: none"> To be confirmed - Introduce six Healthy Neighbourhoods (including school streets) across the borough by 2030 All Ealing roads to have 20mph speed limit by 2021 Introduce Workplace Parking Levy across the Borough by 2030 Consider parking management and/or charges and introducing road user charges across the Borough Introduce flexible/demand responsive bus services (e.g. Heathrow and Park Royal) by 2026 To be confirmed Freight consolidation target <p>Increase Active Travel (Mode Shift)</p> <ul style="list-style-type: none"> Implement high quality cycle network/route across the Borough by 2030 60% of schools STARS accredited by 2025 (an increase of 32 percentage points from 2020) At least 80% of Ealing Council staff travelling sustainably to work by 2030 (actively or by public transport) Significantly increase behavioural change activities to schools and adults, support five behaviour change events annually from 2020 <p>Decrease Carbon Intensity of Fuels Powering Motor Vehicles</p> <ul style="list-style-type: none"> Significant increase in the provision of electric vehicle charge points (EVCP); all residents to be within a five-minute walk of an EVCP by 2025
---	---	---

Draft Climate and Ecological Emergency Strategy

	<p>industry which is worth three times more than the UK steel industry and employs twice as many people.</p> <ul style="list-style-type: none">• Reduction in noise pollution• Improved mobility for the poorest and most vulnerable members of society. Providing access to jobs.	<ul style="list-style-type: none">• All council fleet and contractors to have electric or zero carbon fleet by 2030
--	---	---



<p>We are boldly striving towards a circular economy by 2050 through:</p> <ul style="list-style-type: none"> • Avoiding waste creation at every instance • Seeking opportunities to reuse and repair, maximising the use of materials • Recycling materials to make the most of our resources <p>In addition to this we will adopt operational changes to minimise carbon emissions in waste management</p>	<ul style="list-style-type: none"> • Increased savings for consumers • Increase food redistribution to shelters / communities in need • Support the creation of jobs in reuse and repair industry • Improved air quality • Nurturing community and creativity 	<p>Reduce Overall Waste Arising</p> <ul style="list-style-type: none"> • Reduce household waste arisings per head by 2% by 2030 • Prevent an increase in local authority collected waste arisings (from 2020 baseline) by 2030 by engaging in active citizens programmes • Implement a school behaviour change programme utilising WRAP resources • Initiate shared economy projects, e.g. library of things • WLWA waste prevention events – support 50% more annually <p>Reuse, Repair, Recycle: Maximise Use of Materials- Circular Economy</p> <ul style="list-style-type: none"> • Increase local authority collected waste recycling rate to 50% by 2025 (in line with London Environment Strategy objective) • To divert 30% of household bulky waste for reuse, repair, or recycling • Increase recycling rate in LA schools to 70% by 2030 • Increase reuse and recycling site diversion rates to 80% by 2030 • Review and verify circular economy statements on all major and minor applications <p>Reduce Environmental Impact of our Operations</p> <ul style="list-style-type: none"> • To be confirmed- Reduce emissions from operations associated with local authority collected waste by XX from 2020 baseline • Heavy vehicles to be 100% ULEZ compliant by July 2020 and options for alternative fuels and electric in future • Light vehicles electric where possible and to be reviewed by Greener Ealing Limited in 2025
--	--	--



<p>We are expanding our traditional network of green spaces to maximise carbon capture and we are modernising operations to reflect our commitment to a zero carbon future.</p> <ul style="list-style-type: none"> • We will include rooftops and public assets such as highways • We will adopt management practices to minimise carbon emissions 	<ul style="list-style-type: none"> • Increased mental health and wellbeing of residents with access to nature • Improved air quality • Increase biodiversity and connections for wildlife • Increased community engagement amongst residents, reducing loneliness • Reduction in noise pollution • Reduce chance of flooding 	<p>Increase in Canopy Cover Across Ealing by 2030</p> <ul style="list-style-type: none"> • Increase canopy cover to 23% by 2030, achieving a 35% increase in canopy cover across Ealing (up from 16.9%) <p>Manage Green Spaces to Increase Biodiversity, Increase Natural Carbon Capture and Reduce Carbon Emissions</p> <ul style="list-style-type: none"> • 100% maintenance equipment to be zero carbon by 2030 • No green waste to leave Ealing borough by 2030 • Increase meadows by 10% by 2025 • 50% of vehicles to electric/hybrid by 2026 • To increase the area of flower-rich grassland by creating new meadows in parks, housing estates, new developments, schools and community gardens. Target: 5 hectares • To enhance the biodiversity of existing meadows habitats by implementing various management practices, including the introduction of early spring cuts, sowing Yellow Rattle and grazing. Target: 100 hectares <p>Utilise Green Infrastructure to Capture Carbon, Mitigate Surface Water Flooding and Improve Biodiversity and Water Quality</p> <ul style="list-style-type: none"> • All residential and commercial new builds and refurbishments to include green infrastructure from 2021 (Improve/change of use planning policies to ensure green infrastructure is delivered) • All paving in Ealing developments must be permeable where technically feasible from 2021
--	--	---

Draft Climate and Ecological Emergency Strategy

		<ul style="list-style-type: none">• All highways schemes will be designed and delivered to include a substantial Sustainable Urban Drainage Systems elements where technically feasible from 2020• Establish and restore 2500 m² of wetlands in the borough and region by 2030• To create 6 new ponds over 10 years with community involvement with total surface area of at least 0.25 hectares
--	--	---