

| Buildings | | | | | | | | | |
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| | | 2030 Objectives, CO2 Target, Actions, Interim Actions | | | | | Performance Monitoring | | |
| Action No. | Emissions Sector | Borough or Operational (Council) Emissions | 2030 Aspirational Objective | Carbon Reduction Target | Areas of Action up to 2030 | Interim Actions up to 2025 | Measure of Progress | Target | Action Status/ Progress to Date |
| 1.1 | Council Housing | Operational | All Council-owned homes are net zero carbon emissions (scopes 1 and 2) by 2030. All projects are managed so as to add the maximum possible flexibility to the grid. Minimum energy efficiency standards are enforced Progress is monitored/verified by relevant, representative metered data | 61 kt CO2e/yr, 8% of quantified borough Emissions plus 7.3 kt CO2e/yr for Temp. Accommodation | Council Rented Properties, Sheltered and Temporary Accommodation: Develop net zero retrofit programme showing year-by-year retrofit targets. Deliver SHDF Wave 2.1, apply for future waves of SHDF funding and other relevant funding. Continue to undertake energy efficiency retrofit measures. As homes become more energy efficient, replace boilers at the end of their life with heat pumps in street-level properties where technically feasible. Undertake pilot communal heating scheme decarbonisation in blocks with individual boilers. Continue to upgrade communal heating schemes according to current programme. Schemes should undertake a feasibility assessment and communal boilers should be replaced with heat pumps where feasible, at the same time as appropriate energy efficiency measures to ensure residents are protected from increases in bills associated with electric heating. | <ul style="list-style-type: none"> Establish net zero retrofit and decarbonisation programme showing year-by-year targets (2023) and implement projects according to programme Deliver SHDF Wave 2.1: EPC C for 665 homes (delivery deadline September 2025) Apply for all relevant funding streams available Implement years 1-3 of the communal heating upgrade programme, replacing communal boilers with heat pumps in conjunction with energy efficiency fabric retrofit where feasible Implement energy monitoring for representative schemes: e.g. communal heating systems, representative archetypes across the borough Implement a communications campaign with residents to improve resident understanding of retrofit and decarbonisation measures, and publicise relevant schemes, renewable tariffs and fuel poverty support services | CO2e saved (est. or actual). EPC data | 55-60% council-owned homes to EPC C by 2030. 100% leasehold homes to meet minimum EPC requirements for 2025. Boiler replacement targets (where technically feasible): <ul style="list-style-type: none"> 100% council owned homes are to be served by a heat pump or a low carbon heat network by 2035. | Ongoing Council Owned Homes EPC Breakdown: <1% EPC A, B ~50% EPC C ~46% EPC D ~4% EPC G, F, E 20% connected to a heat network |
| 1.2 | Council Housing | Operational | | | Council Leasehold Properties: Leasehold properties should be retrofitted/decarbonised in line with the strategy for council-owned properties. Actions should be undertaken alongside actions implemented on neighbouring/adjacent council-owned properties. Leaseholders should contribute to required retrofit/decarbonisation measures as appropriate, considering relevant funding requirements, repayment options etc. Leaseholders to meet minimum energy efficiency requirements. | | | | |
| 1.3 | Council Housing | Operational | | | Domestic Renewable Energy Tariffs and Generation: (where financially appropriate); encourage households to opt for energy tariffs tied to renewable energy generation, such as REGOs. | | | | |

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| 1.4 | Private Sector Housing | Borough | Net zero private sector homes (scopes 1 and 2) by 2030 | 236 kt CO2e/yr (homes excluding council owned homes) | <p>London Councils Interim Target: Average EPC C housing stock (Able-to-pay-homes)</p> <p>Continue to signpost to relevant staff and energy efficiency schemes such as:</p> <ul style="list-style-type: none"> o Future Fit Homes o Solar Together (If considered appropriate) o Big London Energy Switch (dependant upon market volatility) o ECO4 o BEIS (£10,000 grant) | <ul style="list-style-type: none"> • Promote and signpost grants for home energy efficiency and heat decarbonisation in private housing sector (rented and owner-occupier), (including building fabric, energy supply and controls) • Borough wide stock analysis to locate all F + G homes • Direct mail/communications households – signposting schemes | <ol style="list-style-type: none"> 1. Campaigns have been launched to engage the borough 2. People are aware of what retrofitting is and its benefits 3. Tenants and landlords are aware of the new regulations 4. Grant uptake 5. Retrofit Enquiries 6. Collection of Pre and post retrofit energy bills 7. Collection of EPC data pre and post retrofit | <ol style="list-style-type: none"> 1. Enhancing awareness of retrofitting practices and government commitments while promoting adherence to regulations. 2. Maximizing the allocation of grant funding to expedite retrofit initiatives. 3. No. properties below EPC C retrofitted to EPC C standard 4. Reduced energy consumption and bills | <p>LAD3 progress:</p> <p>515 Applications</p> <p>151 Properties improved</p> <p>179 measures installed.</p> <p>Avg. £11k investment per property</p> <p>Domestic Energy Advice Outreach:</p> <p>272 Low-income Households reached.</p> <p>Including 182 Private Domestic Sector Properties</p> <p>Est. 715 tco2e saved</p> |
| 1.5 | Private Sector Housing | Borough | | 32% of quantified borough emissions | <p>London Councils Interim Target: Average EPC C housing stock (low income households)</p> <p>Refer tenants to energy efficiency support including but not limited to:</p> <ul style="list-style-type: none"> o ECO4 o Warmer Homes Discount o Energy for Londoners o Boiler Upgrade Scheme o BEIS (£10,000 grant) <p>LAD (if future schemes are available)</p> <ul style="list-style-type: none"> o HUG3 (if future schemes are available) | <p>Promote and sign post grants for home energy efficiency and heat decarbonisation in private housing sector (rented and owner-occupier), (including building fabric, energy supply and controls)</p> <ul style="list-style-type: none"> • Borough wide stock analysis to locate all below C homes • Direct mail/communications households – signposting schemes • Signpost to relevant staff and energy efficiency schemes: <ul style="list-style-type: none"> o Future Fit Homes o Solar Together (if considered appropriate) o Big London Energy Switch (dependant upon market volatility) • Encourage tenants to switch to renewable tariffs (when rates are cheaper than fossil fuels) • Sign post residents to RBG fuel poverty support services | | | |

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| 1.6 | Capital Projects and Property Maintenance | Operational | All Council corporate, maintained schools, community centres, shop units (HRA Owned), industrial estates stock is de-carbonised and energy efficiency is improved. All projects are managed so as to add the maximum possible flexibility to the grid. Replace all boilers with low carbon heating systems (where it is technically feasible) in Council buildings by 2030. Minimum energy efficiency standards are enforced. | 5.8 kt CO2e/yr (Corp. stock, community centres, shop units, industrial estates) | Corp. Stock: Identify and deliver energy efficiency projects via programme of retro-fit works for corporate stock. | <ul style="list-style-type: none"> Monitor developments on national discussion of renewable energy tariffs. Consistently review energy monitoring processes - explore investment in sub-meters and power downs to further reduce operational emissions through behaviour change (up to 10-15% savings). Gap analysis on reaching net zero: financial, technological, policy (grid 2035),. Gather accurate energy usage data across the portfolio and analyse to identify priority high energy use buildings Using the findings in the Heat Decarbonisation Plan to deliver a corporate estate net zero master plan in line with our RBG Corporate Stock policy. Include assessment roof PV suitability and develop business cases if feasible. This may include commercial options such as "rent-a-roof" Reactive and Programmed Maintenance: Prioritise the most urgent, cost effective and "low hanging fruit" efficiency works identified in the Council's RE:FIT Framework for its Corporate Stock. Apply for external sources of funding for capital expenditure works and project management costs such as: <ul style="list-style-type: none"> o PSDS o SALIX Recycling Fund o Low Carbon Skills Fund o Carbon Offset Funds | High consumption and priority sites identified Invest to save projects business cases developed (e.g. smart power downs, rent-a-roof etc.). Positioning statement on asset life cycle management and low carbon replacements Installation of proposed energy and carbon saving technologies | Identified carbon savings to be confirmed | Ongoing 700 tco2e (11%) reduction across all sites |
| 1.7 | Capital Projects and Property Maintenance | Operational | | | Shop Units (HRA Owned): Identify and deliver energy efficiency projects via programme of retro-fit works | | | | |
| 1.8 | Capital Projects and Property Maintenance | Operational | | | RBG Managed Industrial Estates: Identify and deliver energy efficiency projects via programme of retro-fit works | | | | |

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| 1.9 | Capital Projects and Property Maintenance | Operational | All Council corporate, maintained schools, community centres, shop units (HRA Owned), industrial estates stock is de-carbonised and energy efficiency is improved. All projects are managed so as to add the maximum possible flexibility to the grid. Minimum energy efficiency standards are enforced. | 5.3 kt CO2e/yr | Maintained Schools: Identify and deliver energy efficiency projects via programme of retro-fit works for maintained schools | <ul style="list-style-type: none"> Energy audits conducted across entire maintained schools: to include asset management plan (end of life planning), turnkey energy efficiency measures per premise are outlined in a decarbonisation plan. Develop business case to pilot a schools' decarbonisation programme - look to onboard as many schools as possible to deliver economies of scale. Programme may also include monitoring equipment (verify co2 savings), educational development (behavioural change). All educational initiatives and changes to curriculum must evidence carbon savings if funded by RBG. Always align with Salix funding streams where possible. | Works delivered according to Salix criteria and satisfaction of the Council. | £2m investment 7 selected schools Approx. 300 tco2e savings | Ongoing Previous PSDS Schemes: 500 tco2e reduction |
| 1.10 | Capital Projects and Property Maintenance | Operational | | TBC. | Water Emissions: Reduce emissions arising from water usage across all council buildings | <ul style="list-style-type: none"> Discuss water management data capture with utility company Check invoicing processes with supplier Record consumption and baseline emissions Identify priority areas Implement cost-effective water saving measures | Water emissions calculated Saving measures identified for business case development | Water emissions calculated | Not Started. |
| 1.11 | Street Lighting | Operational | | 1.1 kt CO2e/yr | Street Lighting Emissions | <ul style="list-style-type: none"> Continue to finalise existing upgrade programme to offset remaining consumption Investigate any further energy saving opportunities Develop business case for switch to renewable energy tariff | Number of streetlights replaced kWh savings Financial savings Carbon savings | Delivery of next street lighting upgrade phase. | Ongoing 1.5 ktco2e reduction on previous year. LED upgrade expected completion November 23. |

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| 1.12 | Carbon reduction by small and medium enterprises | Borough | Maximise impact from carbon reduction measures for business, employment and local economy | 216 kt CO2e/yr. 29% of quantified borough emissions | Programme of business support for SMEs to reduce carbon emissions. Funding to be secured | Explore funding to explore funding to commission business support/engagement services. Subject to the results of this process, contractor services <i>may</i> include: <ul style="list-style-type: none"> • Low Carbon Business Support "Ecosystem": business support to provide low-carbon business advice to the commercial sector. • Support community/3rd sector organisations in grant funding applications to external agencies that directly support the delivery of the CNP. • Auditable carbon reduction measures for validation such as business support through a Greenwich Net Zero Charter (e.g. Groundwork Carbon Charter). • Waste Reduction & Promote Circular Economy guidance to local businesses - including 5 CE business models and circular procurement. Reduce emissions arising from commercial waste through better resource management. Draft business case for a review of commercial waste activity of those organisations with contracts outside of RGB. Identify any revenue generating opportunities. | No of bids supported, no. of business supported with advice (subject to receipt of funding - no funding currently available). Possible CO2 calcs | Market research conducted. Decision to proceed to procurement made. | Ongoing 250 businesses engaged to date. Not Started Business support commissioning process |
| 1.13 | Built Environment in Education Sector | Borough | All non-maintained schools and other education settings for children and young people are decarbonised and energy efficiency improved. All projects are managed so as to add maximum flexibility to the grid. Minimum energy efficiency standards are enforced. | Non-maintained educational settings TBC. | Encourage all education settings for children and young people to undertake energy efficiency retrofits and low carbon heating systems in non-maintained educational buildings where it is technically feasible by 2030. | Educational Facilities: <ul style="list-style-type: none"> • Encourage educational facilities to undertake energy audits: to include asset management plan (end of life planning), turnkey energy efficiency measures per premise are outlined in a decarbonisation plan. • Assist schools and other education settings for children and young people in applications for grant funding schemes. Provide ad hoc advice where necessary. • Lobby on behalf of schools for more funding | No. sessions per financial year with premises' facilities managers No. schemes accessed by non-maintained educational which are promoted by RBG | No. sessions per financial year with schools' facilities managers No. schemes accessed by non-maintained schools which are promoted by RBG | Ongoing 4 sessions per year minimum |

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