



ISLINGTON

Net Zero Carbon 2030 Strategy Sustainable & Affordable Energy Workstream

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Scrutiny Committee

4 February 2021



Agenda

- Recap of Scrutiny Work Programme
 - The Strategy at a Glance
 - Sustainable & Affordable Energy Workstream: Scope
 - Deliverables
 - Funding Applications
 - Questions
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Scrutiny Work Programme

- **4 February 2021 - Planning priorities and Sustainable & Affordable Energy**
- **8 March 2021 – The Green Economy (provisional) and Transport, Sustainable and affordable energy generation and supply priorities**
- **27 April 2021 - Residential buildings, Commercial & Industrial buildings and Infrastructure and The Natural Environment and Waste Reduction and Recycling priorities**



The Strategy at a Glance

Residential buildings, Commercial & Industrial buildings and Infrastructure

Improve the energy efficiency and reduce the level of carbon emissions of all buildings and infrastructure



Transport

Reduce emissions in the borough from transport.



Sustainable and affordable energy generation and supply

Increase local generation of renewable heat and electricity, increase the update of affordable and renewable energy tariffs and mitigate fuel poverty.



The Green Economy and Planning

Deliver on our net zero carbon target whilst assuring the economic success and vitality of our borough by working closely with the 18,800 businesses in the borough, most of them small or micro-sized.



The Natural Environment and Waste Reduction and Recycling

Integrate our ongoing activities in recycling and reducing waste and managing our natural environment



Additional workstreams

Engaging, Empowering and Partnership

Although the council has a leading role in delivering carbon emissions in Islington, we cannot deliver on the net zero carbon target on our own.

We will work closely with residents and local businesses and community groups to enable and encourage them to help our borough achieve net zero. This will include working with stakeholders to address their emissions related to aviation and consumption, even though these two sectors are not included in the overall emissions figures.

Finance & Investment

To achieve the ambitious change set out in the strategy requires long term financial resources. The council is fully committed to delivering a net zero Islington and will continue to invest significantly in these outcomes, but will require other sources of finance to deliver the strategy in full.

We will work closely with our partners, in the borough, London and at a national level to identify and maximise funding sources, advocating for adequate and sustained funding from central government. We will also look to innovative green financing mechanisms to provide value for money in the investments we make in net zero carbon initiatives.



Sustainable & Affordable Energy: Scope



- **Clean energy with a particular focus on waste heat and solar**
 - **All buildings in Islington residential and commercial**
 - **All residents of Islington with a particular focus on those in fuel poverty**
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- This workstream will enable zero carbon and low cost heat supply and electricity generation for as many residential and commercial buildings as is technically and economically viable.
 - We will achieve this by:
 - Developing heat and energy networks that can deliver zero carbon heat to buildings and eliminate the need for gas boilers
 - Increasing the capacity for solar energy and other low carbon generation in the borough
 - Continuing and building on our current fuel poverty reduction schemes
 - Working with Central Government, Local Authorities and other LBI directorates to change policies

Sustainable & Affordable Energy: Deliverables



P3.1 Energy Networks

- Complete the GreenSCIES design project
- Develop other smart energy networks
- Add new connections to the Bunhill heat network and seek ways in which we can connect with other networks
- Look at how the Bunhill Heat Network can be made a zero emissions network
- Connect our communally-heated buildings to district heat networks where possible.

P3.2 Maximise solar power generation

- LBI Sites
- Non LBI Sites

P3.4 Purchase any remaining electricity needs from renewable sources

- Councils corporate buildings (direct)
- Council buys energy on behalf of (indirect)
- Self supply through out of borough renewable generation

P3.5 Support residents in fuel poverty, Improving energy efficiency and maximizing incomes of Islington residents in or at risk of fuel poverty

- Processes in place to support residents to access the Warm Home Discount and Water Sure schemes for energy and water discounts.
- Secure ECO and Warmer Homes funding for heating and insulation measures for as long it is available.

Sustainable & Affordable Energy: Funding Applications



Name of Scheme	Funding	Purpose	Status
Green Homes Grant – Local Authority Delivery (GHG – LAD) Round 1	£537k grant funding + c.£100k match funding from HRA	Implement energy efficiency measures in social housing stock. Available to private landlords, PFI properties and Housing Associations	In progress. To be completed by March 2021
GHG – LAD Round 2	Min £500k, no upper limit 66% grant funding + 33% match funding from landlord	Implement energy efficiency measures in social housing stock. Available to private landlords, PFI properties and Housing Associations	Dates to be announced in early 2021
Low Carbon Skills fund	£25k 100% grant funding	To cover the costs of developing feasibility studies and submit project proposals to the PSDF	On Hold Application submitted
Public Sector Decarbonisation Fund (PSDF)	£100k - £300k 100% grant funding	Install energy efficiency measures in public sector buildings, aimed to decarbonise heat	Program on hold due to oversubscription We will submit a bid as soon as it is available
ReFit	£1m - £3m 0% loan Savings guaranteed	To install energy efficiency measures on corporate buildings.	Scoping. No deadlines for the program. Will progress business case and application in Q1 2021

What we will deliver over the next 12 – 18 months

- Develop and agree funding and delivery route for the GreenSCIES project
 - Switch the council and partners to electricity supplies generated through renewable sources of energy
 - Identify options to secure more cost effective and energy efficient solutions for residents
 - Develop scope and action plan of the *Renewable Power For London* workstream as part of the London Climate change Programme
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Thank you and questions

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