

Integrated Impact Assessment – Summary Report

Each of the numbered sections below must be completed
Please state if the IIA is interim or final

Final Report

1. Title of proposal

Edinburgh Local Heat and Energy Efficiency Strategy and Delivery Plan

2. What will change as a result of this proposal?

The LHEES sets out an overall strategy for improving the energy efficiency of buildings in Edinburgh and decarbonising the heating thereof.

The Council will use spatial data to determine the most suitable means of decarbonising energy in buildings depending on the location and fabric elements of the building. This work could support the establishment of heat networks in Edinburgh and support trials of energy efficiency measures, retrofit and installation of air, ground and/or water source heat pumps.

The Delivery Plan sets out 76 actions to deliver the Edinburgh LHEES. These include regulatory measures, policy development, and technical pilots.

3. Briefly describe public involvement in this proposal to date and planned

An 11-week public consultation, which closed on 4th March 2024, was carried out following the LHEES approval from the Policy and Sustainability Committee on 15th December 2023. An extensive stakeholder consultation sought detailed feedback from over 75 stakeholders. Officers attended multiple public events and cross-organisation events to share the outcomes of the LHEES and advertise the consultation.

4. Is the proposal considered strategic under the Fairer Scotland Duty?

Yes

5. Date of IIA

6 March 2024

6. Who was present at the IIA? Identify facilitator, lead officer, report writer and any employee representative present and main stakeholder (e.g. Council, NHS)

Name	Job Title	Date of IIA training
Kyle Drummond (facilitator, Council)	Programme Development Officer	27/07/2023
Hilary Blackman (lead officer / report writer, Council)	Energy Officer	01/02/2024
Sat Patel (Council)	Programme Director-Edinburgh Waterfront	N/A
Patrick Brown (Council)	Head of Sustainable Construction Delivery	N/A
Alex Laidler (Council)	Senior Planning Officer	
Lisa Anderson (Council)	MTIS Building Surveyor	N/A
Simon Kerr (SAV System – Clean Heat Edinburgh Forum)	N/A	N/A
Simon Shackley (University of Edinburgh – Clean Heat Edinburgh Forum)	N/A	N/A

7. Evidence available at the time of the IIA

Evidence	Available – detail source	Comments: what does the evidence tell you with regard to different groups who may be affected and to the environmental impacts of your proposal
Data on populations in need	Yes	The LHEES has extensive information on the location of populations experiencing fuel poverty, extreme fuel poverty and fuel poverty as a result of inefficient building fabric. The LHEES identifies delivery areas where the Scottish Index of Multiple Deprivations identifies areas of fuel poverty. These areas were targeted in the advertisement of the LHEES consultation.
Data on service uptake/access	N/A	N/A
Data on socio-economic disadvantage e.g. low income, low wealth, material deprivation, area deprivation.	Yes	Using data from the Scottish Index of Multiple Deprivations and Home Analytics data on energy efficiency, the LHEES identifies areas of Edinburgh where poor energy efficiency is a driver of fuel poverty and establishes eight zones where energy efficiency measures could be targeted to reduce fuel poverty.
Data on equality outcomes	N/A	N/A
Research/literature evidence	Yes	The LHEES uses a combination of spatial data peer-reviewed literature to determine delivery areas and prospective heat network zones.
Public/patient/client experience information	Yes	The LHEES has consulted over 75 stakeholders and presented the strategy at multiple public events to ensure widespread knowledge of the public consultation. The LHEES has been advertised using paid, targeted Instagram and Facebook ads to elicit response to the public consultation to ensure the views of the public are heard.
Evidence of inclusive engagement of people who use the service	No	N/A

Evidence	Available – detail source	Comments: what does the evidence tell you with regard to different groups who may be affected and to the environmental impacts of your proposal
and involvement findings		
Evidence of unmet need	Yes	N/A
Good practice guidelines	N/A	N/A
Carbon emissions generated/reduced data	Yes	The strategies presented in the LHEES can reduce carbon emissions by supporting improved energy efficiency measures as a means to reduce energy consumption and by helping to establish zero direct emissions heating systems such as heat pumps, solar arrays and heat networks. Some analysis of the potential carbon reductions has been carried out.
Environmental data	Yes	Data on the anticipated environmental impact of the heat networks element of the LHEES will be determined through a Strategic Environmental Assessment, planned to be carried out during 2024.
Risk from cumulative impacts	N/A	N/A
Other (please specify)	N/A	N/A
Additional evidence required	N/A	N/A

8. In summary, what impacts were identified and which groups will they affect?

Equality, Health and Wellbeing and Human Rights	Affected populations
Positive Potential to improve health and wellbeing by making homes more energy efficiency and, thus, warmer.	In principle, all groups.
Negative	In principle, all groups.

Equality, Health and Wellbeing and Human Rights	Affected populations
Potential to increase fuel poverty and poorly installed energy efficiency measures could be inefficient and exacerbate or cause issues such as mould growth, damp and associated poor health outcomes	

Environment and Sustainability including climate change emissions and impacts	Affected populations
Positive Potential to benefit the environment by driving a reduction in carbon emissions associated with space heating via a combination of improving energy efficiency (reducing heat demand) and moving heating to zero direct emissions systems.	In principle, all buildings and all groups
Negative Potential to reduce/disrupt green space through the installation of ground source heat pumps and heat network infrastructure.	In principle, all buildings and all buildings

Economic	Affected populations
Positive Potential to support the creation of new jobs and the development of new skills associated with energy efficiency and decarbonisation of heat.	In principle, all groups.
Negative Risk that fuel poverty increases if households, the public sector and businesses are compelled to move to a more expensive heating system. Potential to displace existing jobs in carbon-related sectors.	In principle, all groups.

9. Is any part of this policy/ service to be carried out wholly or partly by contractors and if so how will equality, human rights including children’s rights, environmental and sustainability issues be addressed?

Yes – where the Council contracts with external organisations to deliver any part of the LHEES. Adherence with human rights obligations and other requirements would be built into the contract(s) as appropriate.

- 10. Consider how you will communicate information about this policy/ service change to children and young people and those affected by sensory impairment, speech impairment, low level literacy or numeracy, learning difficulties or English as a second language? Please provide a summary of the communications plan.**

One of the actions set out in the Delivery Plan is for the Council is to “Develop proposals for communications activity around the Edinburgh LHEES.” The Council will develop solutions for translating the complex information in the LHEES into easily understandable content suitable for the above audiences.

- 11. Is the plan, programme, strategy or policy likely to result in significant environmental effects, either positive or negative? If yes, it is likely that a Strategic Environmental Assessment (SEA) will be required and the impacts identified in the IIA should be included in this. See section 2.10 in the Guidance for further information.**

The LHEES concerns energy, however has been screened-out from an SEA. An SEA is planned to be carried out specifically for the heat network elements.

12. Additional Information and Evidence Required

If further evidence is required, please note how it will be gathered. If appropriate, mark this report as interim and submit updated final report once further evidence has been gathered.

N/A.

- 13. Specific to this IIA only, what recommended actions have been, or will be, undertaken and by when? (these should be drawn from 7 – 11 above) Please complete:**

Specific actions (as a result of the IIA which may include financial implications, mitigating actions and risks of cumulative impacts)	Who will take them forward (name and job title)	Deadline for progressing	Review date
Ensure that the Council and firms, operating on the	Hilary Blackman Hilary.blackman@edinburgh.gov.uk	March 2024	March 2025

Specific actions (as a result of the IIA which may include financial implications, mitigating actions and risks of cumulative impacts)	Who will take them forward (name and job title)	Deadline for progressing	Review date
Council's behalf, are installing, designing and implementing projects around the decarbonisation heat and power in buildings regard the risk of increasing fuel poverty, risk to human rights and other considerations.			
Ensure that the communications strategy and engagement plan for the Edinburgh LHEES takes into account user groups identified at 9 above. The communication strategy requires to provide comprehensive and usable information to all groups, including all groups with protected characteristics, community organisation, businesses and other public sector organisations.	Hilary Blackman Hilary.blackman@edinburgh.gov.uk	March 2024	March 2025
Ensure that all decarbonisation and energy	Hilary Blackman Hilary.blackman@edinburgh.gov.uk	March 2024	Ongoing

Specific actions (as a result of the IIA which may include financial implications, mitigating actions and risks of cumulative impacts)	Who will take them forward (name and job title)	Deadline for progressing	Review date
efficiency projects lead by the Council are not progressed until they can be financially managed in a way where those connecting to low/zero carbon heating systems, those receiving energy efficiency measures are not at an increased risk of fuel poverty.			
Ensure all actions arising from the LHEES and Delivery Plan do not reduce the overall availability of green space for residents where possible.	Hilary Blackman Hilary.blackman@edinburgh.gov.uk	March 2024	Ongoing

14. Are there any negative impacts in section 8 for which there are no identified mitigating actions?

No.

15. How will you monitor how this proposal affects different groups, including people with protected characteristics?

Project updates will be provided via annual reports and business bulletin items along with the LHEES annual reports. This will incorporate a note of any identified impacts upon particular groups.

16. Sign off by Service Director

Name Peter Watton,

Date 12 March 2024

17. Publication

Completed and signed IIAs should be sent to:

integratedimpactassessments@edinburgh.gov.uk to be published on the

Council website www.edinburgh.gov.uk/impactassessments

Edinburgh Integration Joint Board/Health and Social Care

sarah.bryson@edinburgh.gov.uk to be published at

www.edinburghhsc.scot/the-ijb/integrated-impact-assessments/