

**SECTION 105 CONSULTATION ON THE
PROPOSED PROJECT TO REDUCE CARBON
EMISSIONS AND ENERGY BILLS FOR SECURE
TENANTS OF THE FOLLOWING ROADS:**

Brookfield Road, Chalfont Green, Chalfont Road, Deansway, Dunholme Green, Dunholme Lane, Dunholme Road, Felixstowe Road, Fraser Road, Haselbury Road, Laburnum Avenue, Latymer Way, Northern Avenue, Perry Gardens, South Eastern Avenue and Stockton Road.



Consultation period

Monday 10 January 2022 -
Monday 21 February 2022

Online engagement event

26 January 2022



Presentation Team

Chair

Amanda Grosse: Head of Asset Management
Enfield Council

Presenters

Lee Whitby: Account Manager
Osborne Property Services

Jennifer Clarke: Resident Liaison Officer
Enfield Council

Agenda

Introduction

How you can give your feedback during the course of today's event

An explanation of the consultation process

The proposals

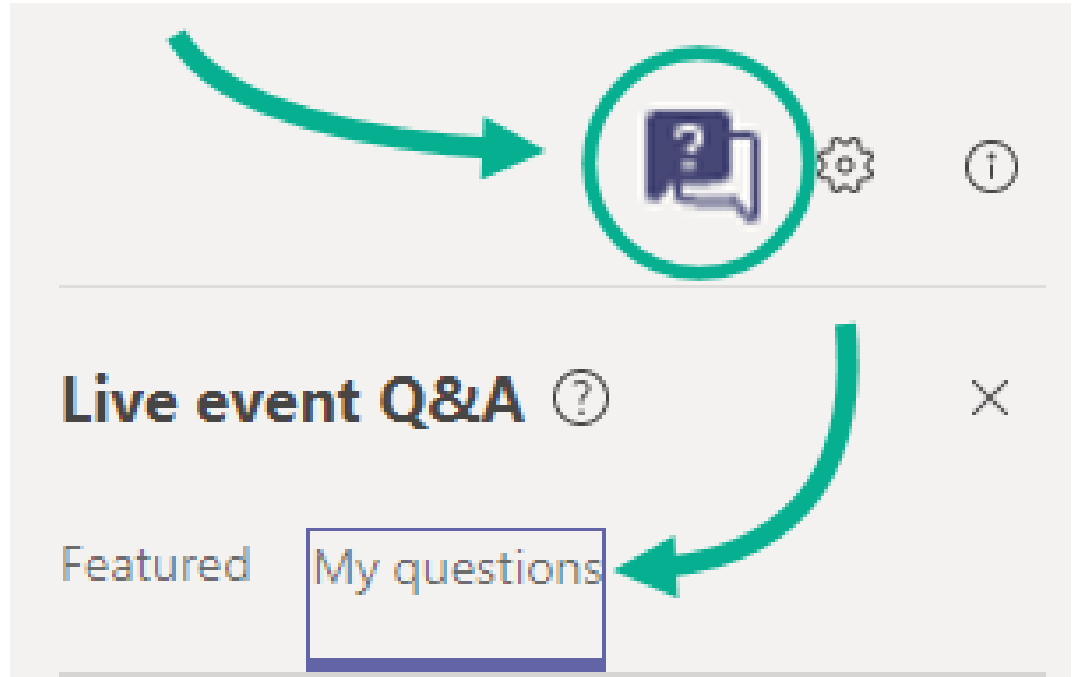
An overview of the proposed Energiesprong retrofit to your property and the comfort charge.

Q&A

Your chance to ask questions and share your views about the proposals

Giving your feedback

If you wish to ask a question or make a comment during the event, please type your question, using the comment function for MS Teams.



Giving your feedback

We will read out and answer your questions or comments during the question and answer session

We welcome tough questions and honest opinions, but please keep your comments polite

Your
feedback

You can either give us your full name or post your comment anonymously

This session is being recorded for other residents to view at a later date

Consultation process

Cabinet
decision

The Council's Cabinet authorised a consultation on the Energiesprong model and the Comfort Charge.

Consultation
audience

Residents in the 44 properties are being consulted.

Outcome

Outcome of the consultation will be presented to the Council's Cabinet Member for Planning, Licensing and Housing Services who will make a decision on whether to proceed with the Energiesprong.

Jargon buster

What is Whole House Retrofit?

Retrofit is simply the process of making changes to existing buildings so that energy consumption and emissions are reduced. These changes should also provide the benefit of a more comfortable and healthier home with lower fuel bills

What this mean to you and your Home?

This is a simple, straightforward approach aimed at upgrading the fabric (e.g. walls, lofts, floors) of the building first, together with making sure there is the right amount of ventilation, by also tackling more complex things such as heating, hot water, or lighting systems.

This can be done with the minimum disruption and inconvenience by improving insulation around the building and reducing heat loss through any 'leaky' parts of the house, for example, windows, doors and other gaps and, by upgrading your home with more energy efficient heating and hot water systems with improved ventilation, that means warmer homes, with better insulation and lower fuel bills.

Jargon buster

Comfort Charge/Plan

The Energiesprong Performance model provides tenants with all their plug power, a volume of hot water and thermal comfort. This is provided by onsite generation. Recipients then enter a comfort charge plan agreeing to pay a pre-determined charge for the energy provided.

Energiesprong Model

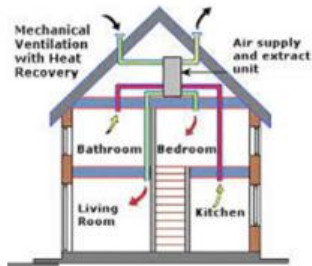
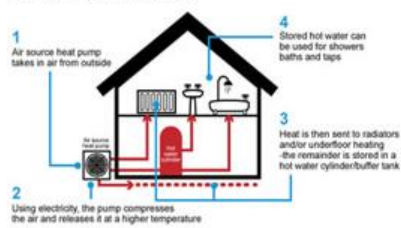
The Energiesprong performance model UK is aimed at creating a mass market for desirable, affordable whole-house retrofit by driving product and process innovation for attractive, affordable, financeable net-zero energy home refurbishments in the UK. This will be achieved through outcome-based procurement for an Energiesprong standard retrofit solution (or product), where:

- The home produces enough energy for its heating, hot water and appliances;
- Money that would be paid on energy bills and maintenance funds the work;
- The cost of living doesn't go up because real-life performance for energy use and indoor comfort is guaranteed for up to 40 years; and
- A complete non-intrusive home upgrade and without the tenants having to move out

Retrofit to Energiesprong specification

ASHP - Heat	MVHR - Ventilation	ASHP & MVHR Hybrid Solution	Solar PV	Fabric
Replace traditional heating systems with Air Source Heat Pumps which supplies Heat & Hot Water to your home	Demand Controlled ventilation in living spaces using improving comfort & air quality	Combined ASHP & MVHR in one simple, external solution providing Heat & Hot Water to your home	Solar Photovoltaic generating renewable energy support by upgraded lighting etc	Insulated panels fixed to the external wall, Improving airtightness by also upgrading Windows & Doors

Air source heat pump



Possible works include, but may not be limited to:

- Heating, cooling & Hot Water System
- Improving Comfort & Air Quality through improved ventilation
- New Loft insulation with solar panels to generate electricity
- Efficient lighting
- Applying Insulation to the External wall
- Improving Airtightness by upgrading windows & doors
- Energy monitoring systems

In short our Commitment

To you.....



Your Water
40 mins
Hot Water
180L Per Day



Your Greener Home
Looks good
Feels good

1

2

3

4

Your Heating
21 c
All Year Round



Your Electricity
Energy Plugload
Equal
to Household Usage
Requirement



Introduction of a comfort charge of £5-£15 per week.

As your home will be well insulated and able to generate some of your electricity from the solar panels installed, your electricity bill and comfort charge combined will not be any more than you are currently paying for your energy

- The comfort charge will be between £5-15 per week based on 2021 costs.

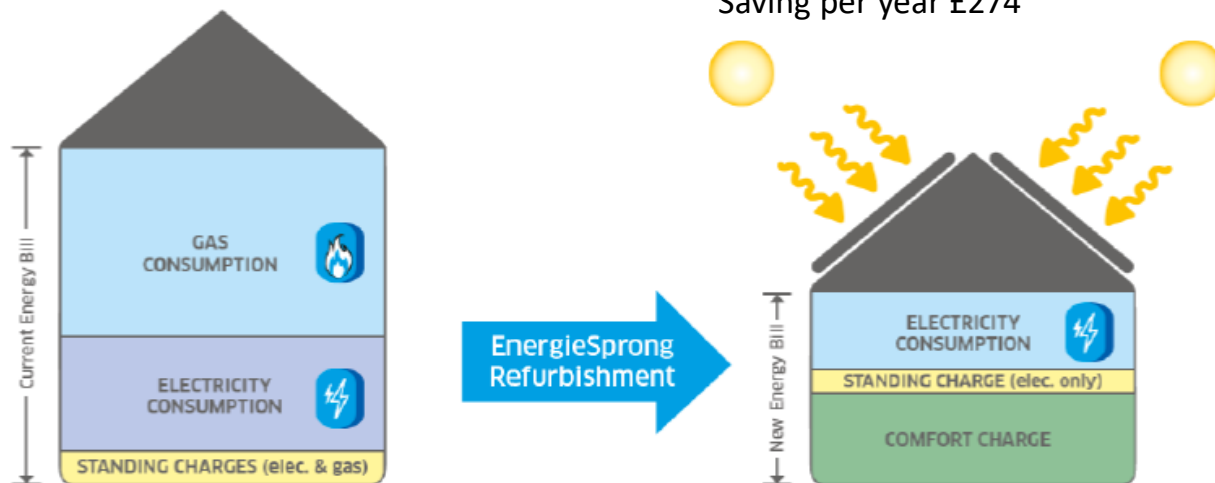
Please provide your energy bill data so you can be provided with a calculation of your comfort plan cost.

- A confirmed price will be available once the contractor has completed the design of the property.
- You will need to retain an account with an energy supplier for electricity.

What is the Comfort Charge?

- You will not pay more than you are currently paying for the amount of energy you currently use
- You will benefit from the scheme if you sign the comfort charge agreement and enable works to take place to your home
- EXAMPLE OF A PROPOSED COMFORT CHARGE – based on Energy Performance Certificate

£1,174 per annum energy bill



Assured Performance

Ongoing monitoring by Enfield Council of the energy system in your home to guarantee its performance. These sensors will monitor indoor temperatures and air quality to ensure the system installed is working as it should. Issues can be picked up remotely and arrangements made to rectify.

Monitoring sensor examples

sensor measures Kitchen temperature (°C) & humidity (RH)

meter measures solar production after battery storage (kWh)

meter measures grid electricity import & export (kWh)

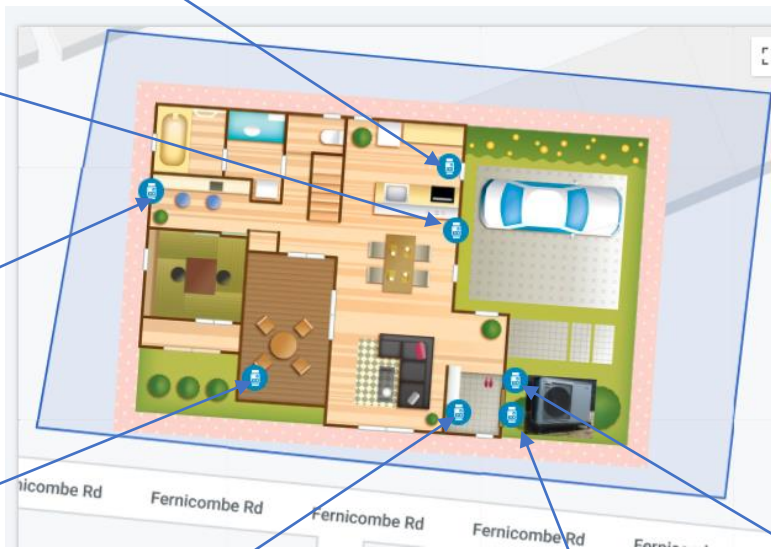
measures property water (Litres) consumption

sensor measures Lounge temperature (°C) & humidity (RH)

sensor measures Bedroom temperature (°C) & humidity (RH)

measures electricity (kWh) input to heat pump

meter measures heat produced (kWh) by heat pump



This is for illustrative purposes only

Important aspects of the scheme

- The works can take up to Six weeks to complete (depending on level of works required to your home)
- We intend for you to remain in your home while the works are being carried out
- You will have a dedicated delivery team who will support you through this journey
- You will be advised when works are to take place in advance
- You may need to move some personal possessions to allow works to take place.
- We will let you know the outcome of this consultation and appropriate next steps and dates for installation.

Please note that the above is based on averages – each property will have individual circumstances that will be discussed with residents.

Question and answer session

**Consultation continues until Monday 21
February 2022**

You can email your feedback to:-

S105responses@enfield.gov.uk

Or telephone: 020 8132 1852

Thank you for your time.