## **Basingstoke and Deane Green Team**

# INTRODUCTION

September 2023 BAS update

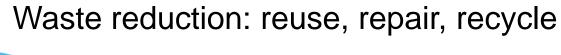


## **Basingstoke and Deane Green Team**

# **AIMS**

To go and talk to people in the borough Energy efficiency (including retrofit, grants) Sustainable Travel

Improving biodiversity in your garden





## **TEAM**

4 sustainability advisers









1 DEA assessor (not recruited yet)



Supervisor







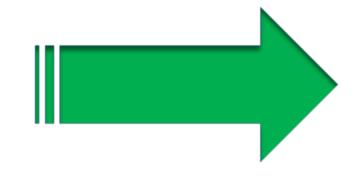




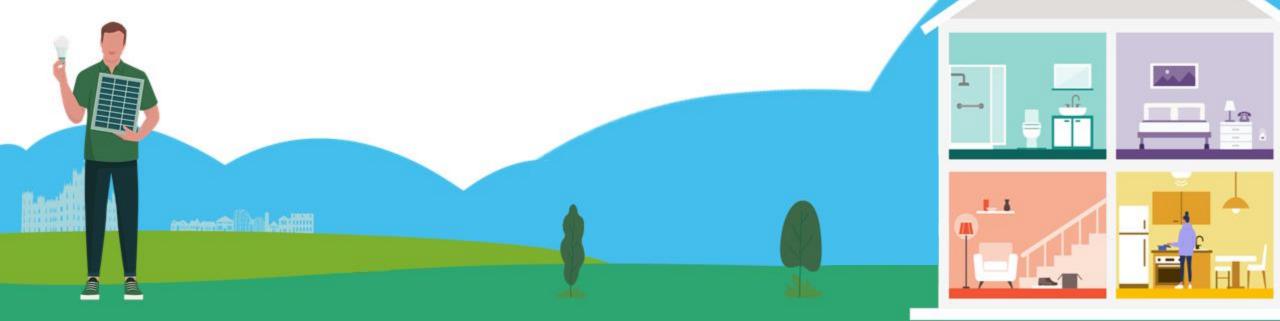


## **REMIT**

Fuel poverty
High emissions



Door to door
Community events
Council Lead Activities
Community Invitation
Town centre



#### Goal

For every contact we would like someone to change a habit that makes them more sustainable and reduces their carbon footprint



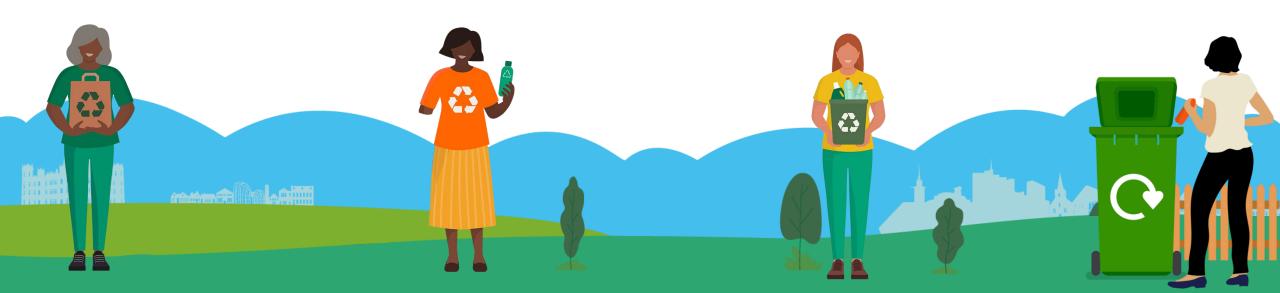
## **Training**

- NEA level 3 energy advisor
- Net Zero Solutions: level 2 retrofit advisor
- Thermafy Eco thermal imaging survey training
- Plus training in biodiversity, climate change, renewables, water, etc



## **Progress so far**

- Launched 18<sup>th</sup> August
- Events logged on our website <a href="https://www.basingstoke.gov.uk/green-team">https://www.basingstoke.gov.uk/green-team</a>
- People can come along or book an in person or telephone appointment
- Delivering our LEAD project using our new Thermafy Eco platform and delivering energy efficiency surveys
- Intention to provide assistance to SMEs and microbusinesses also, and schools
  - draw on the feedback from our Climate Essentials SME trial



# Local Energy Demonstrator project (LEAD)

- GSENZH / DESNZ funding £197,000
- Programme runs October 2023 31<sup>st</sup> March 2025
- Aim is to target hard to reach groups and hard to treat houses, and find effective and innovative ways to reach them to encourage retrofit action
- Pilot programme objective is to share learning across the UK



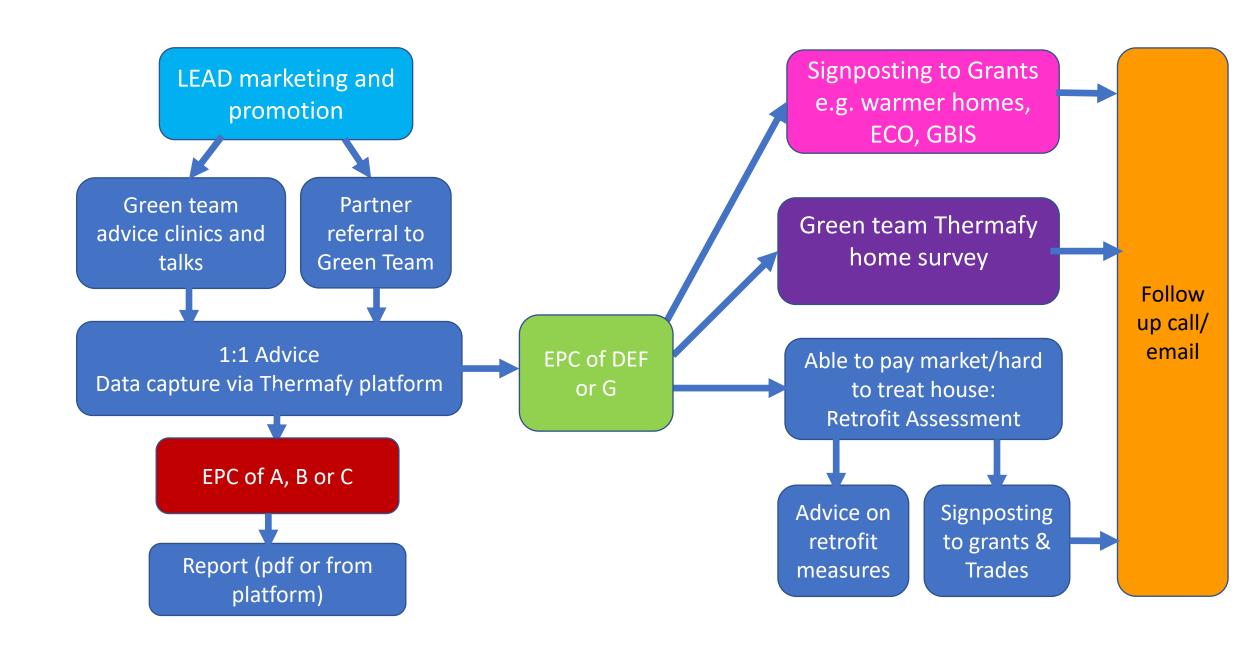


## The concept

- Working with our new Green Team, and referrers such as CAB's Home and Well Service, St. Michael's Hospice, local community groups
- Co-branded data platform (Thermafy Eco Solutions) to capture key home details produces a list of actions for residents
- Free 1 hour house surveys (with thermal imaging) for those people who need more help than an app. (c. 700 surveys)
- Free whole house retrofit plans (outsourced to Insta Group) for those willing to engage in retrofit, and with hard to treat houses for EPC D-G (c. 125 surveys) i.e. "Self-financing" market, mixture of properties across the borough
- Anyone on a lower income or qualifying benefits will be automatically referred to our grants - Warmer Homes, ECO and GBIS, (and BUS)
- Data will be captured via the platform as well as qualitative and quantitative feedback







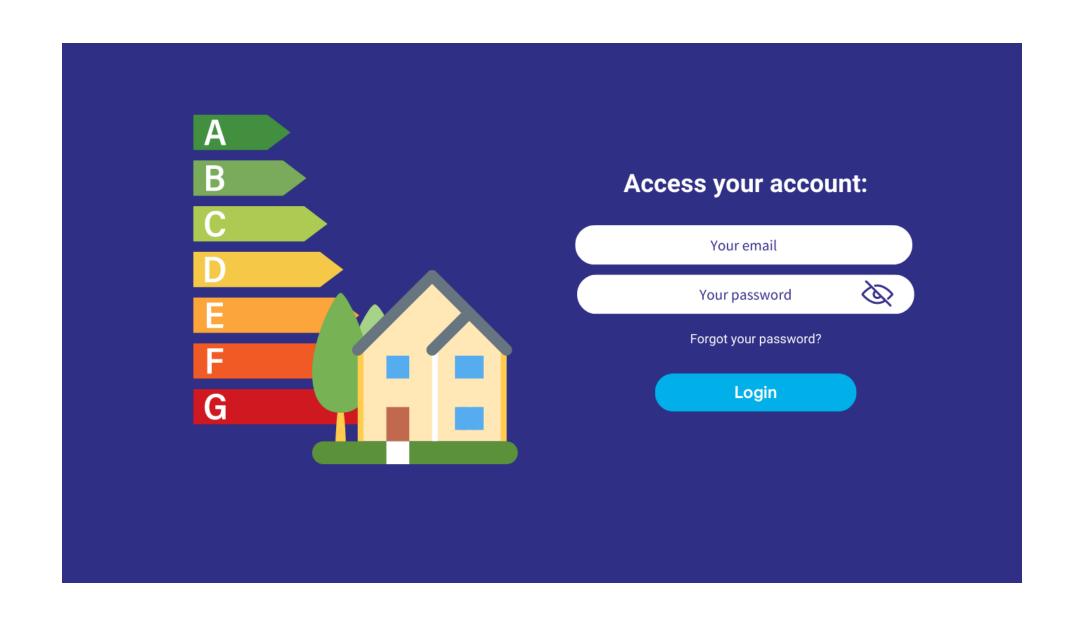


Find out how much you can save on your energy bills and carbon footprint.



or login here









Logout



Home



Add property

## **Property details**

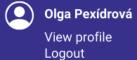
The information gathered on this property is presented below. Kindly review the data for accuracy and make any necessary updates to values that may be incorrect.

<u>Q</u>	Address	18 Earnshaw Road, OL13 9BP	
(h)	Property information	Property type: Building situation: Construction year: EPC Rating: Council tax band:	
ıII	Property energy information	Wall type: Wall Insulation: Roof type: Roof insulation: Floor type: Floor insulation: Window type:	Stone No insulation Pitched Moderate level Solid No insulation Mostly double glazing

**Back** 

Next







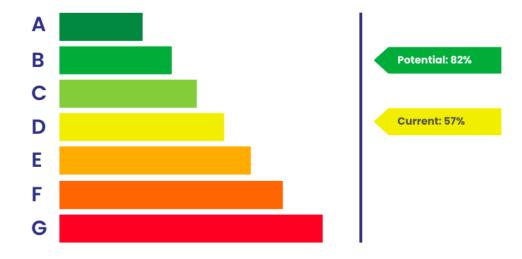


#### **ENERGY PERFORMANCE RATING**

An Energy Performance Certificate (EPC) is a document that provides information about the energy efficiency of a building or a property. It rates the energy performance of a property on a scale from A (most efficient) to G (least efficient).



B



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Home



Add property



Your properties

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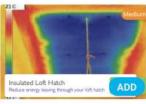
## **CREATE YOUR HOME IMPROVEMENT PLAN**

#### EASY





#### MEDIUM















Bleed Radiators

Insulate loft hatch

Loft Insulation

X Heating Controls

χ Renewable Heating

External Insutlaton

Double Glazing

X Solar Panels









**CREATE A PLAN** 





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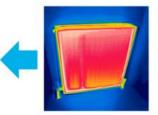
Home



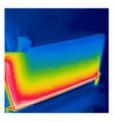
Add property

#### **HEATING EFFICIENCY**

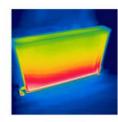
Each radiator is sized to provide enough heat into each room, poorly functioning radiator struggle to heat each room efficiently, increase energy consumption, which leads to higher energy bills. Your radiators should be evenly heated with a red and white profile, where there is a yellow, green and blue profile, your radiator is not getting hot enough to heat your room efficiently



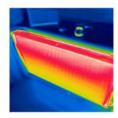
Kitchen Efficiency: 90.09 Avg Temp: 51 No issue



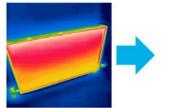
Bathroom Efficiency: 53.07 Avg Temp: 41 Requires bleeding



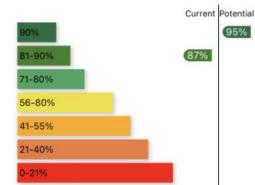
Bedroom Efficiency: 41.13 Avg Temp: 44 Requires bleeding



Living room Efficiency: 74.91 Avg Temp: 46 Scaling detected



Hall Efficiency: 69.92 Avg Temp: 52 Scaling detected



87% efficient





Olga Pexídrová

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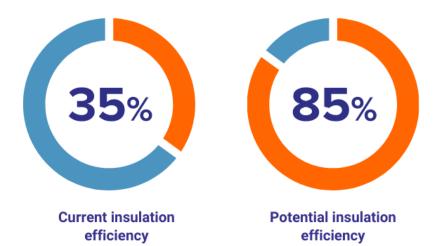
Home



Add property

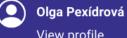
## **INSULATION EFFICIENCY**

Insulation prevents heat from escaping, and allows you to keep your home warm in winter and cool in summer without using too much energy.



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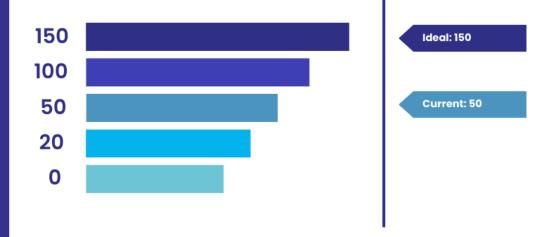




## **WATER TEST**

Water testing identifies how much inhibitor is in they heating system. The purpose of inhibitor is to stop rust and internal corrosion from occurring inside your heating system.

If the system in not protected this could reduce performance and efficiency.



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## YOUR PERSONLISED ACTION PLAN

Thank you for inviting us into your home to complete your Home Health Check

Following the survey and discussions with you,

Here are the first steps to improve the efficiency of your home



£0

SAVING (per year) £85

FIND OUT MORE



COST

£2750

£420

SAVING (per year)

FIND OUT MORE



COST

£7250

SAVING (per year)

£700

FIND OUT MORE

**MORE ACTIONS** 

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# Thank you



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