




The Low Carbon Home Service

www.ecofurb.com

warmer

sussex 

 **HomeWorks**

**FUTURE
PROOF** 

**PEOPLE
POWERED
RETROFIT**

ECO FURB
The Low Carbon Home Service


cosy homes
oxfordshire

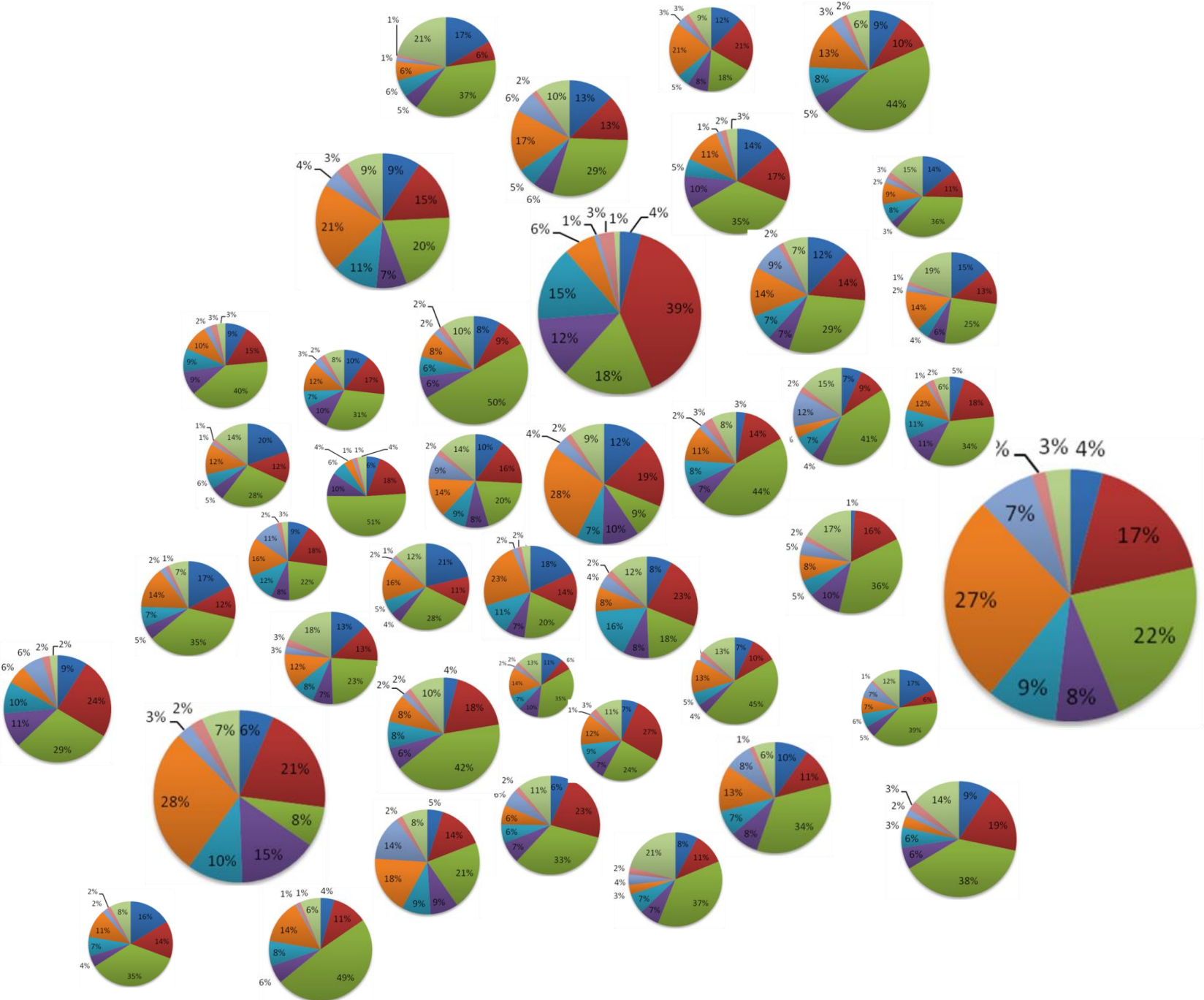
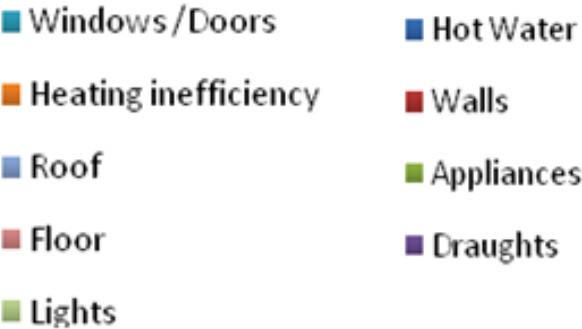
BEIS funded
supply chain
pilots until
March 2021



RETROFITWORKS
BUILDING EFFICIENCY TOGETHER

EXCOFURB
The Low Carbon Home Service

Every home is unique





JP and Gabi

Parity Home Energy Masterplan customers

Victorian terraced house in Battersea:

- External wall insulation
- Internal wall insulation
- Underfloor insulation
- Loft insulation
- Windows
- Heating
- Solar power
- Reconfiguration inc new bathroom and redecoration



Delighted with the results:

“I’m in love with how little we need to heat the house”

“I don’t think we had a remote conception of what was possible, we still pinch ourselves”

“We didn’t know there were people who could crunch the numbers for you and actually show you the options”

“Now we live in a really warm house... because of the work Parity did.”

But had a bit of a nightmare with the contractors:

“One piece of advice? Don’t go with the cheapest contractor, it ends up costing more”

“A couple of people made it bearable, and one of them was Russell”

End to end service



Ecofurb Plan Builder: www.ecofurb.com



Plan Builder

for 19 Birbets Road, London, SE9 3NG - [anything look wrong?](#)

★ filtered to recommended (best **carbon saving** measures for **£10,000**)

✓ filter to your selections

Category Filters

- ☒ All Categories
- ☒ Basics
- ☒ Roof
- ☒ Walls & Floor
- ☒ Windows & Doors
- ☒ Heating
- ☒ Renewables
- ☒ Others

Showing 7 of 27 possible measures ([clear filters](#))



Others
Low energy lighting
£66 0.04 tCO₂
in plan ★



Windows & Doors
Removable or permanent chimney seal
£300 0.08 tCO₂
in plan ★



Heating
New gas combi boiler with flue gas heat recovery
£3,720 0.92 tCO₂
in plan ★



Heating
Multi zone heating controls
£634 0.14 tCO₂
in plan ★



Walls & Floor
Solid floor insulation
£2,468 0.27 tCO₂
in plan ★



Roof
Thicker loft insulation
£643 0.06 tCO₂
in plan ★



Windows & Doors
New insulated door
£1,560 0.06 tCO₂
in plan ★

£306 (35%) estimated annual fuel bill saving

1.43 (40%) estimated tonnes CO₂ saved annually

- ☒ Low energy lighting **£66** [remove](#) [\(more...\)](#)
- ☒ Removable or permanent chimney seal **£300** [remove](#) [\(more...\)](#)
- ☒ New gas combi boiler with flue gas heat recovery **£3,720** [remove](#) [\(more...\)](#)
- ☒ Multi zone heating controls **£634** [remove](#) [\(more...\)](#)
- ☒ Solid floor insulation **£2,468** [remove](#) [\(more...\)](#)
- ☒ Thicker loft insulation **£643** [remove](#) [\(more...\)](#)
- ☒ New insulated door **£1,560** [remove](#) [\(more...\)](#)

Estimated Cost: **£9,391**



Review

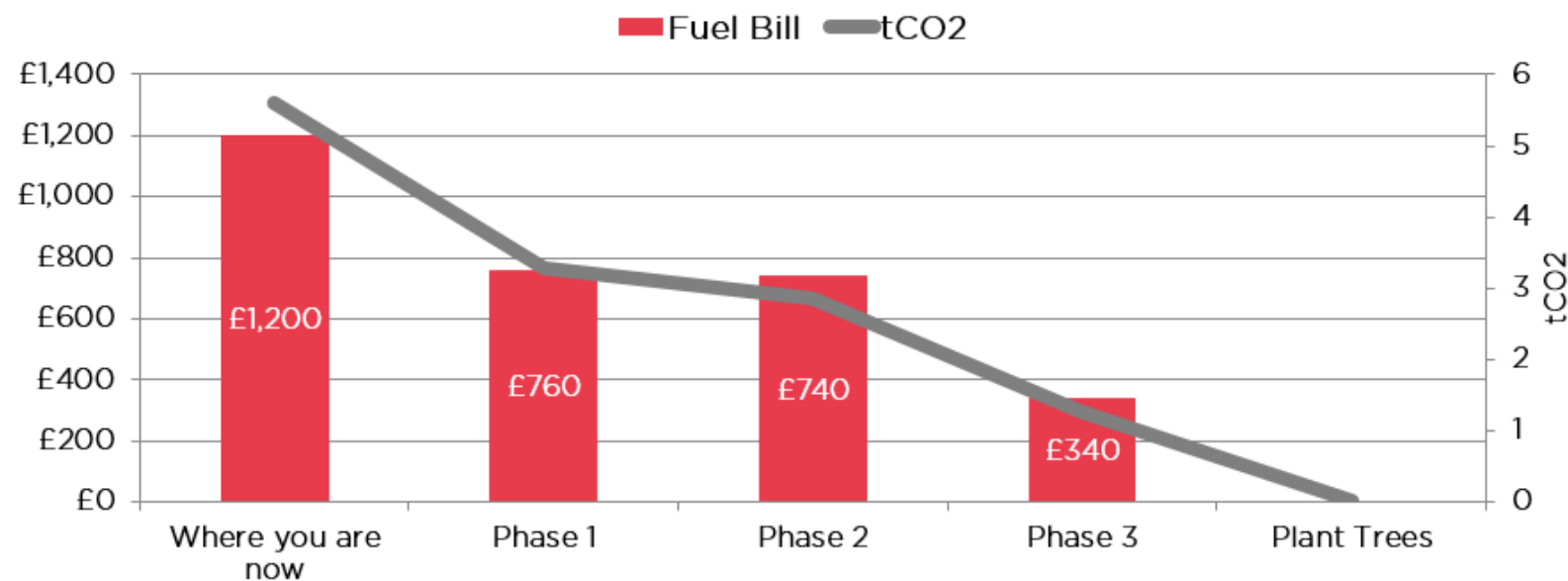
Back a step

Home Survey and Ecofurb Plan

8. Phasing your improvements

Summary of Packages	Energy Rating	Fuel Bill	tCO ₂
Where you are now	60 D	£1,200	5.59
Phase 1: Insulation & Ventilation measures	75 C	£760	3.28
Phase 2: ASHP	75 C	£740	2.86
Phase 3: Solar thermal & PV	88 B	£340	1.27
Combined savings		£860	4.32
Combined reduction		72%	77%
Trees that you could plant to bring the remaining	1.27 tCO ₂ to zero	55	

How the phasing affects your annual bills & emissions



Building Performance Specification

TABLE OF CONTENTS

- 1. SUMMARY.....1
- 2. WHOLE HOUSE PLAN MODELLING SUMMARY2
- 3. OVERVIEW OF WORK.....3
 - 3.1. Sections Covered in This Specification 3
 - 3.2. Critical Work Sequences 4
- 4. REFERENCES USED IN THIS SPECIFICATION5
 - 4.1. Floor Plans 6
- 5. WALLS9
 - 5.1. Internal Insulation for Solid Walls 9
 - 5.2. External Insulation for Solid Walls 19
- 6. ROOFS24
 - 6.1. Loft Insulation 24
 - 6.2. Room in Roof 26
 - 6.3. Sloping Roof Insulation 27



Works

- Meetings with Coordinator during bigger works
- Coordinator checks and signs off works
- (Final) payment



Vaughan

1990s house in Croydon:

- loft insulation
- heat pump

“a big help is the trusted friend of the customer, someone who can offer a discussion without any feeling that the responses might be steered by the contractor’s preferences and profitability”



Josie Evetts
Project Manager
September 2021