

# Parity pathways report for Hampshire County 2022

Analysis of **877,601** homes across  
the 13 Hampshire districts and Isle of Wight

## Current performance

The average equivalent  
Energy Performance  
Certificate (EPC)  
score was **band D**.



The mean  
**CO<sub>2</sub> emissions  
per property**  
was estimated to be  
**3.47 tonnes** of CO<sub>2</sub>...

... if nothing were to  
change other than the  
**grid decarbonising** ...



... this would **only reduce**  
to **3.15 tonnes** by 2038.

This highlights the need  
for interventions at the  
**household level**.

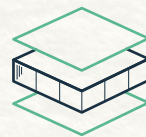


## Future potential

Disruptive measures include:

internal and  
external solid

**wall insulation** ...



... and **floor  
insulation**.

**For Hampshire  
to reach Net Zero,**

including disruptive measures,  
requires a private investment of:

Total:

**£29.6 billion**



Average per  
residential property:

**£33,520**



Mean tonnes of CO<sub>2</sub> per  
property following investment:

**0.09 tonnes**

Full-time equivalent jobs  
per year (2022-2050):

**6,207 jobs**



## Trends

Average house emissions are **more than double** that of flats.



**Detached houses** have the highest average CO<sub>2</sub> emissions.

Most houses are **owner occupied**.



There is a large range of expected **insulation thickness** – at least 270mm is the recommended level.

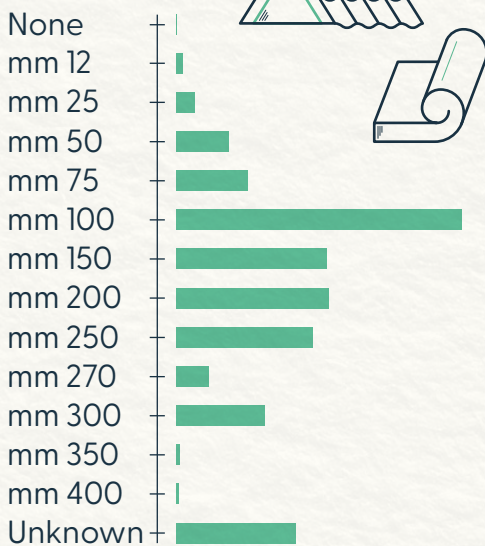
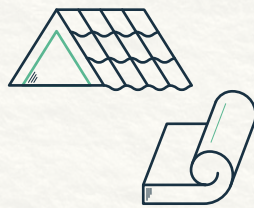
The **heating system** often has a major impact on the energy use and CO<sub>2</sub> emissions of a property.



Mains gas with reasonable-to-good boilers **dominate and generate significant carbon emissions**.



### Loft insulation



## Skills and tradespeople

An additional

**6,207 tradespeople**

will be needed per year to deliver the 'Net Zero with disruptive measures' in 28 years.



**General builders**

will make up **26%** of this workforce...

... whilst the rest of the workforce are more **specialist tradespeople**.

For example, insulation specialists will make up approximately **32.6%**.



The work that is needed is the equivalent of

**173,790 trade years.**

The full-time equivalent total per year is **6,207**

