

PASSIVHAUS RETROFIT POLICY STATEMENT

Part 2 - EXISTING BUILDINGS

The UK Government should support deep retrofit projects, including the Passivhaus retrofit standard EnerPHit as an exemplary refurbishment target, and help to inform better practices and methodologies for standard refurbishment by:

1. allocating a percentage of ECO funding to large-scale trials of deep retrofit projects
2. requiring that a step-by-step deep retrofit plan is prepared for each property undergoing low-energy refurbishment, such that each intervention is a positive step towards an ultimate very low-energy target, and does not impede or prevent achievement of that target.
3. identifying, as part of a national refurbishment strategy, those properties where we can achieve the best cost benefit outcomes, in terms of energy and comfort performance versus time and cost, and prioritising those for action. This would need to sit alongside, and inform a National Refurbishment Strategy that achieves deep retrofit for a majority of UK buildings i.e. a reduction in the quantity of energy used for heating and cooling of at least 75% and a reduction in CO₂ emissions of more than 90% compared to the UK average.

1

Research and investigation to underpin the technical & economic feasibility of the national refurbishment strategy that identifies the what, how and when of refurbishment for different building types, across different areas of the UK and opportunities to reduce space heating demand by at least 50%.

2

A large scale demonstration/ pathfinder programme to identify the actual impacts of deep retrofit including costs, moisture, energy use, ventilation, & comfort on different common building types across the UK, and update the national refurbishment strategy accordingly.

3

Adjustment of other UK policy levers, regulations & incentives, to ensure adoption & uptake of a deep retrofit standard, including a strategy for providing appropriate grants, low or zero interest loans or other financial incentives.