



BUILD2LC
Interreg Europe



European Union
European Regional
Development Fund

New Energy Culture, Citizens Involvement and Energy Poverty

Housing and Health

Severn Wye Energy Agency
NHS Gloucestershire Clinical Commissioning Group

3rd December, 2020 | Final Conference

Action Plan Summary

Health & Well-being

- **Action A:** Gloucestershire stakeholders will work in partnership to maximise efficiency and effectiveness of resources.

Finance

- **Action B:** Use innovation to benefit those most in need.

Rental, Construction and Training

- **Action C:** The energy performance of rental properties will improve, resulting in positive economic and health outcomes for tenants.
- **Action D:** Well-trained and skilled installers will work within a framework that supports quality.

Regional Strategy

- **Action E:** GFirst LEP will produce and disseminate a countywide Energy Strategy for Gloucestershire.

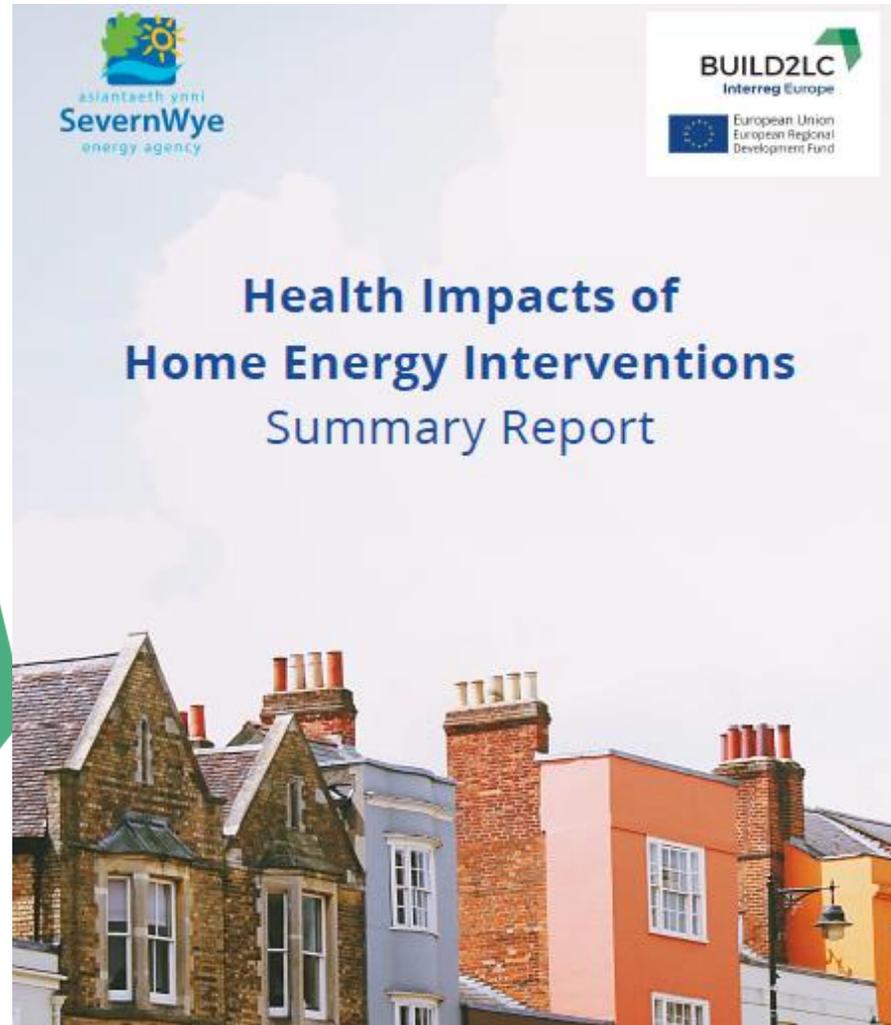
Build2LC and Energy Poverty

Stakeholders working in partnership to maximise efficiency and effectiveness of resources.

- It's been known for a long time that cold damp homes are bad for our health, and as time has gone on the range of problems linked to poor housing, and some of the biological mechanisms behind them, are becoming clearer.
- That is why, from the very beginning, one of Build2LC's key stakeholders in the UK has been the NHS Clinical Commissioning Group (CCG). This organisation allocates National Health Service funding to local internal and external services.
- Two senior CCG managers joined Build 2LC's steering group and were involved in the in-depth workshops and discussions with multiple stakeholders developing the Action Plan.

Through the BUILD2LC project we were able to produce this report, outlining the issues facing people in energy poverty, who are unable to live in warm, healthy homes.

This report demonstrated the links between poor housing and negative health outcomes, helping us to receive funding for additional projects that would address these issues.



Learning from our BUILD2LC partners

During a bi-lateral meeting on December 13th, 2017 between REGEA, Croatia and SWEA, UK, we were able to learn about 'the importance of monitoring the impacts of energy reduction/efficiency interventions' from the SMiV project – System for Monitoring & Verification of Energy Savings.

Although the system is not identical, we took lessons from this project and now use a cost-calculator to measure the impact of energy efficiency improvements in people's homes, and consequently on their health. This allows us to demonstrate the savings to the NHS as people visit their doctors and hospitals less often, due to living in warmer, more comfortable homes.

This approach has led to health commitment and additional financial investment for energy poverty projects.

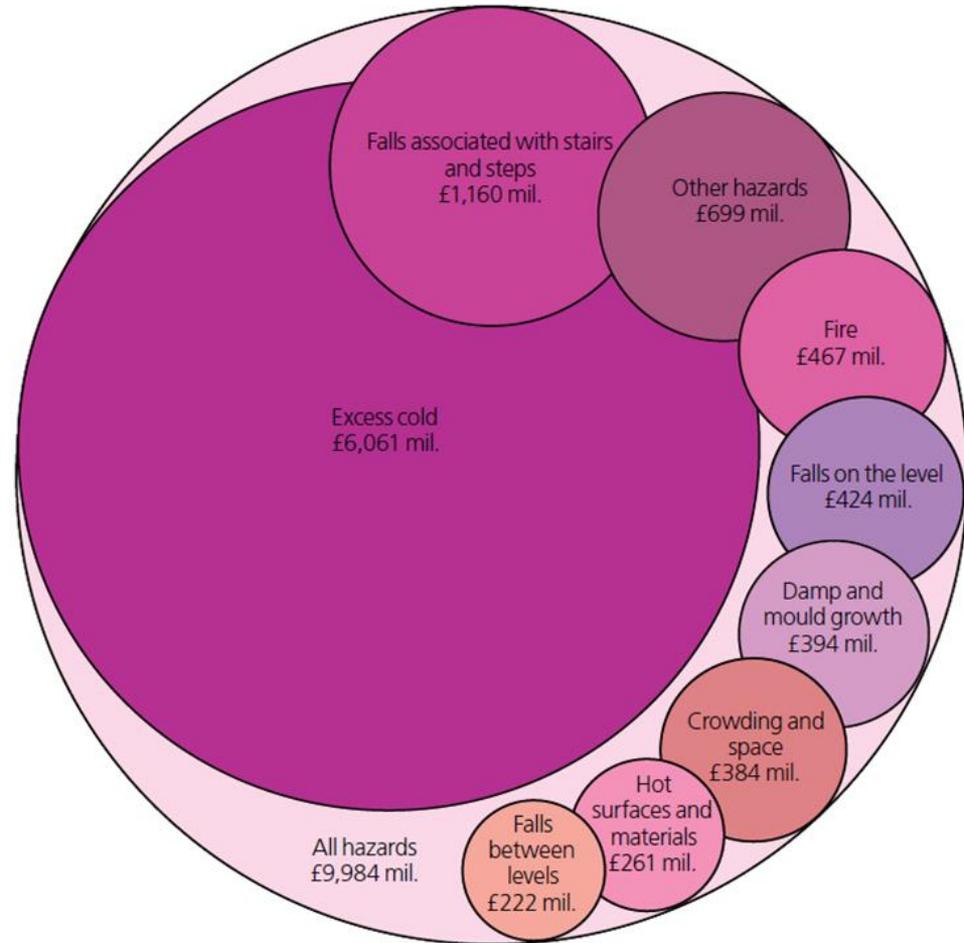


Figure 3: The cost of dealing with HHSRS Category 1 hazards^[4]

Park Home Insulation project

The CCG are able to analyse health data to help ensure resources reach the most vulnerable residents. This data identified that people living in park homes suffer from poorer health outcomes than those living in other types of properties. This leads to an increased rate of admissions to hospital for park home residents when compared to residents of traditional brick-built housing.

The CCG observed trends in the health outcomes for this group:

- Hospital admission rates for park home residents are higher at most age bands than the corresponding Gloucestershire average rates
- This trend remains true for respiratory and particularly circulatory admissions
- For all age bands above 30, park home residents have more long-term conditions than the Gloucestershire average
- CHD, COPD, and obesity look to be much more prevalent in park homes than in Gloucestershire as a whole. The lifestyle factor of smoking also follows this trend



Park Home Insulation project

“Lifesaver, it’s been an actual lifesaver.” The park home insulation came at just the right time for Mr and Mrs P. “Last year we had 53 trips to the hospital with [Mr P’s] heart and cancer. Mr P has just had a double heart bypass and before it was always freezing cold in here. He’d be sat there with a coat on, not any more though.”



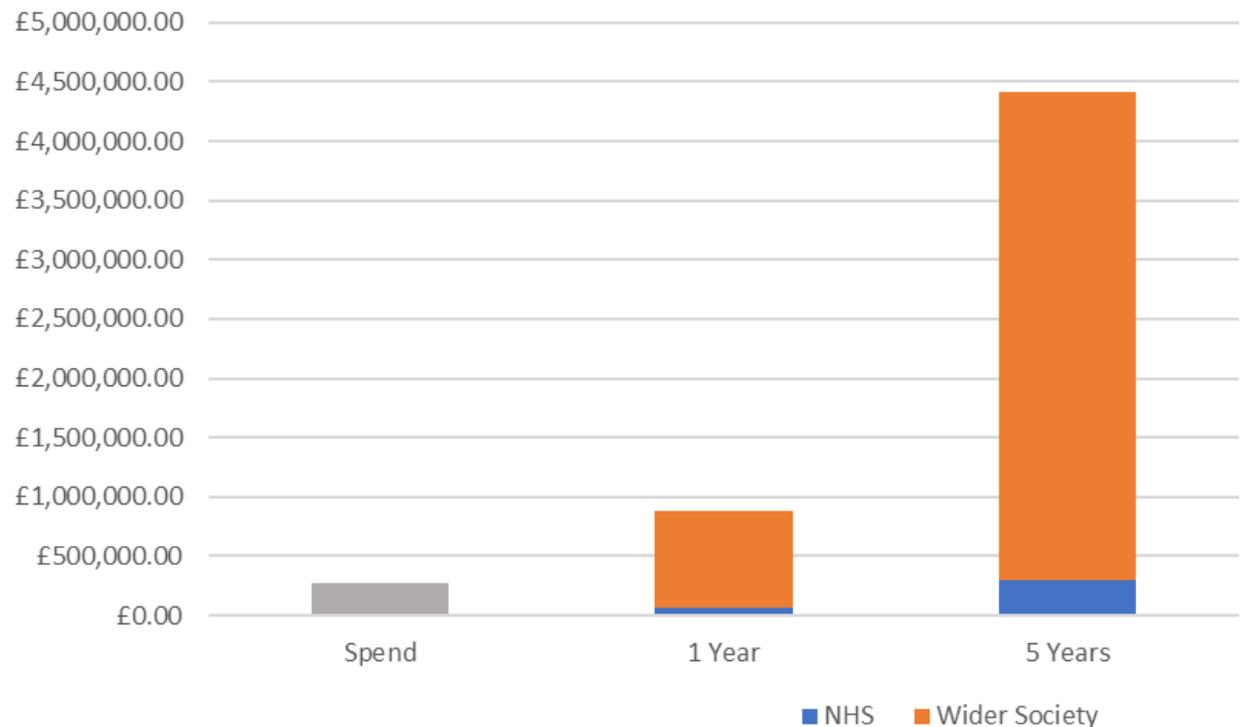
Savings to the NHS

Spend: **£268,300**

Saving to the NHS over 5 years: **£297,569**

Saving to society over 5 years: **£4,119,182**

Park home insulation-Savings to NHS and wider society. 1 year and 5 years





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Thank You

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