

## **EE 12 – 2014/2015- Socioeconomic research on energy efficiency**

### *Description of the project offered:*

Research indicates that there is an association between homes with poor insulation, visible damp or mould and the prevalence of asthma or respiratory problems among children and others. This is measured against a background where the quality of existing cavity wall treatments were/are deemed to be installed correctly and commensurate with local or EU standards. The aim of this project is to research the recognised links to poor housing and the negative outcomes which people endure living in sub-standard homes such as fuel poverty, high energy costs, health issues including depression, stress and suicide, lifestyle change and possible large scale CO2 emissions reductions for EU housing stocks.

*Project proposer:* Janice Cooke (United Kingdom)

*Partner role:* Project Coordinator

*Partner organisation:* South Eastern Regional College

*Call for proposal title:* Socioeconomic research on energy efficiency

*Call for proposal identifier:* H2020-EE-2014-2-RIA

South Eastern Regional College has carried out initial research into the quality of existing cavity wall insulation, it has been seen that in real terms the measured performance is well below existing standards and indeed leads to misleading assumptions on thermal performance. The evidence of cause and effect is strongest in the area of health. Further research needs to be carried out to fully investigate the impact to health and identify causes and socio-economic and health benefits once retrofit solutions have been implemented and as such inform policy change.

### *Description of the collaboration sought:*

I already have a collaboration partner in Ireland. I need a partner to collaborate and/or lead the Project with expertise in the following:

(1) Surveying householders living in substandard homes to measure health conditions, recording climatic conditions over a specific period of time across the 3 countries.

(2) Investigating if there is an increased impact to single female parent families living in substandard homes on energy costs, socio-economic issues and health recording the stress levels, stigmatic perception, mental and physical health of mother and children.

*Countries sought:* Any European Member State except UK and Ireland

**Deadline for Response: Monday 12<sup>th</sup> May 2014**

Main contact

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