

Improved indoor air quality for use on airtight dwellings

OPPORTUNITY

The natural ventilation solution currently used for the vast majority of domestic housing projects is window trickle vents, that allow fresh air to flow into each room. Fundamentally the vents are proven to be ineffectual for delivering adequate indoor air quality whether open or closed, increasing CO2 levels. An opportunity exists for a better solution.

PROJECT

Design and test a technology enhanced natural ventilation solution within a live construction project, which is then monitored during a period of resident occupation.

OUTCOMES

- 1 new ventilation product
- 2 new services
- 4 jobs safeguarded
- 1 new job created

SUPPORT

Total project Value - £27k
CSIC Contribution - £10k

PROJECT DURATION

October 2016 - June 2019

Innovation Support: Product Innovation
Sub Sector: Social Housing

