

Murray Place, Barrhead

Building Performance Evaluation

MEARU

This project was funded via the Technology Strategy Board Building Performance Evaluation funding stream in conjunction with Hanover Housing Association. This study investigated the environmental and energy impact of architectural design, environmental systems and user behaviour, and provided data to inform the future delivery of very low carbon developments in the affordable housing sector.

This project examined three dwellings from a mix of single storey cottages, two storey flats and houses comparing the performance of different types of construction including traditional block and brick, timber frames and vapour permeable construction.

The content and execution of the proposed building evaluation project included consultation with dwelling occupants in addition to installation of monitoring and metering equipment (utility metering and sub-metering; indoor environment monitoring and data loggers).

In addition MEARU undertook a design & construction audit and review utilising both available design data and measured data collected during the course of the project.

This Building Performance Evaluation project is one of many representing part of MEARU's growing body of research and expertise in low energy housing sector.

Project Title: Murray Place Building Performance Evaluation

Client/ Funding body: Technology Strategy Board

Date : June 2012 -Oct 2014

Project value: £40,500

Team: MEARU- Prof Tim Sharpe, Donald Shearer, Janice Foster

Project Partner-Hanover Housing Association

Links

Hanover Housing Association:
<http://www.hanover.org.uk>