

North of Scotland KTP Centre

Case Study

www.ktp-link.co.uk

SYLVAN STUART

The company's aim was to develop, design and construct a new range of an 'all-Scottish timber', affordable, rural housing.

Challenge

Timber buildings and their performance specifications are required to be brought in line with energy efficiency standards and the Scottish Government's 'Zero-Carbon' agenda. Therefore, the main objective was to research and develop the constructional detailing to enhance buildability and efficiency; assess all aspects of life time cycle costs, durability and ease of maintenance to finally develop a signature contemporary design using cost effective materials and layouts, and developing achievable designs for mainly the Scottish rural housing market.

Results

The key achievement for the project was a well-designed and researched range of rural house types to expand the company's portfolio whilst complying with future legislation and energy efficiency standards. The private commissioning and completion of the 'live-build' project during the KTP became a key tool where the 'live build' process could be monitored and lessons learned were drawn, which provided the opportunity to test and simultaneously review the project within the context of an 'actual' scenario.

Benefits

The company has substantially enhanced its credibility among potential customers and the regulatory authorities through a better ability to promote, support and deliver products and services. After the KTP the direction of marketing changed, creating also interest in the public sector, i.e. local authority and housing associations. The project has given the necessary momentum for the promotion of the new product, and help overcome inertia in regard to change and innovation in some target markets.

Knowledge
Transfer
Partnerships



Sylvan Stuart Limited are timber engineers and building contractors, designing and constructing timber log buildings for the last 60 years.



"Our KTP opened doors to opportunities which we would not have been able to access without it."

Bryan Stuart, Managing Director

