

BAILEY ARCHITECTURE

InnovateUs Case Study

Introduction

Bailey Architecture was founded in 2008 and is based in Ballycastle.

Challenge

Bailey Architecture had been using 2D AutoCAD design tools. These are both time consuming and outdated, but due to a lack of training and knowledge of the available technologies, the company was unable to provide a higher quality service to clients. Also, the company was aware that Business Information Modelling (BIM) software enabling multiple client participation was becoming the industry standard, in particular with larger public sector projects.

Solution

Northern Regional College developed a tailored upskilling programme to include:

- BIM theory, new standards and protocols
- Introduction to range of BIM compatible software, with an introduction to Revit software
- Development of basic building models to suit a specific project
- Incorporating structural elements and building services components, including clash detection and extraction of quantities.

Benefit

By completing this programme, Bailey Architecture has achieved higher productivity, due to easy retrieval and sharing of information, such as vendor details, specific component materials, details and quantities required for estimation and tender purposes. This has helped to drive efficiencies within the business, and there has also been an improvement in delivery, which has reduced costs

Result

Bailey Architecture now has an automated assembly process, with data now digitized to be shared easily with both customer and professionals working on individual building projects. This has improved customer service and communication processes.



The use of this new Revit software and BIM way of working will be a radical innovation in operations and I will be able to give customers an improved service by letting them understand their projects better. The increase in knowledge in the area of BIM will help me to procure business (public sector in particular) and will allow me to manage design and production information production better.

Seamus Bailey, Owner.

