

SFT Outcomes

Demonstrating progress with impact



Building Information Modelling

DIGITAL INFORMATION MANAGEMENT TO IMPROVE
INFRASTRUCTURE DELIVERY AND PERFORMANCE

Scottish Futures Trust



Resources

About Us

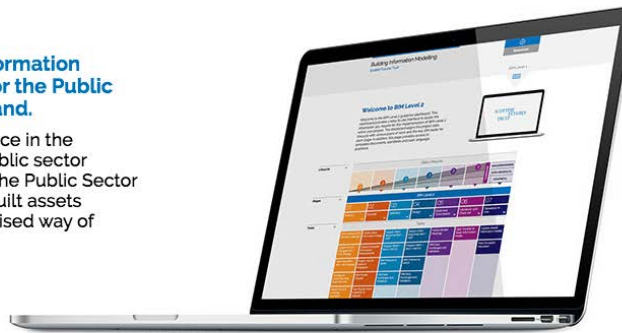
2020 CASE STUDY

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Welcome to the Building Information Modelling guidance portal for the Public Sector Procurer within Scotland.

This portal provides clear guidance in the implementation of BIM within public sector procurement. This is to support the Public Sector derive greater value from their built assets through a collaborative and digitised way of working.

Information Video



BIM Navigator



Our BIM Navigator helps you quickly find the relevant information and BIM



We have innovative technology-enabled construction, asset management and usage optimisation at a place, portfolio, and network level as well as for individual assets

Infrastructure Technology

Technology supporting improved delivery of low carbon, digitally-enabled infrastructure

Scotland's digitally-enabled infrastructure continues to move and develop at pace.

The use of technology together with the management of information are seen as key mechanisms for the public sector to secure improvements to the way it plans, invests, delivers and manages its infrastructure.

Virtual reality, 3D design, building sensors, laser scanning and cloud-based data sharing are examples of current technologies being applied in innovative ways, but they are not reaching their full potential. The opportunity exists to realise this potential now and into the future by:

- Identifying and raising awareness of beneficial technologies
- Unlocking investment
- Overcoming complex implementation
- Enabling better insight and utilisation of data
- Support upskilling and developing new expertise

The Scottish Futures Trust's (SFT) Infrastructure Technology team has been at the forefront of this digital space for a number of years and seeks to maximise these opportunities as well as unlock the value of existing and new technology to improve public sector infrastructure performance.

SFT's new Standard Information Management Plan (SIMP) enables public bodies to specify best practice digital information management processes through the construction and maintenance stages via building information modelling (BIM).



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SFT leads the BIM programme on behalf of Scottish Government and led the development of the SIMP through consultation with industry and public sector clients, that has the following goals:

- Deliver efficiencies in clients briefing requirements
- Aligned to the new ways of working required by the new ISO standards
- Develop informed and consistent demand by local authorities for information management
- Create a robust baseline of information to support operation and maintenance of new assets
- Support upskilling and expertise

The free-to-use SIMP is now a fixed requirement across Scottish Government's £1bn Learning Estate Investment Programme (LEIP) and will support the delivery of low carbon, digitally-enabled schools and campuses.

Andy Dailly, who is head of School Building at Scottish Government said: "To support the efficient design, construction and operation of projects, the Learning Estate Investment Programme recognises the importance of good information management and collaboration by all parties. The Standard Information Management Plan has been embedded within the programme to help achieve this aim."

David Carson, pre-construction director at BAM said: "BAM fully support SFT's Standard Information Management Plan as we believe it will bring clarity to the industry by providing clear and standardised information requirements for projects, meaning that all parties, clients, designers, contractors and subcontractors are clear on the information they are required to deliver at each stage of a projects lifecycle."

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