

# Towards a Digital Built Environment

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The Scottish Government

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# Scottish Government Purpose:

*“To focus government and public services on creating a more successful country, with opportunities for all of Scotland to flourish, through increasing sustainable economic growth.”*

**Scottish Government,**  
*National Performance Framework*



**Scottish Government**  
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# Scottish Government National Outcomes

- Our public services are high quality, continually improving, efficient and responsive to local people's needs
- We realise our full economic potential with more and better employment opportunities for our people
- We live in well-designed, sustainable places where we are able to access the amenities and services we need
- We value and enjoy our built and natural environment and protect it and enhance it for future generations
- We live in a Scotland that is the most attractive place for doing business in Europe



# Review of Procurement in Construction

“BIM offers the opportunity to adopt a new collaborative approach which has the potential to achieve more efficient and effective ways of working through all stages of the construction project life-cycle”

“We do not deny the challenge that this may offer for both public sector and industry but we believe that the savings being suggested both initially and throughout the life cycle of the structure make a compelling case for its adoption.

*Finding of the Review of Scottish Public Sector Procurement In Construction*



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# Review of Procurement in Construction

Review of Scottish Public Sector  
Procurement in Construction

October 2013



**“ BIM should be introduced in central government with a view to encouraging adoption across the public sector. The objective should be that, where appropriate, projects across the public sector adopt BIM level 2 by April 2017.”**

*Review of Scottish Public Sector  
Procurement In Construction*



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# Why Adopt BIM?

- **Construction Industry:** Drive innovation and productivity through digital working.
- **Designers:** promote greater efficiency and collaboration to support co-ordination and design outcomes.
- **Cost consultants:** support greater cost certainty within projects.
- **Contractors:** improve co-ordinated designs, reduce delivery risk and improve supply chain collaboration.
- **Clients:** drive greater efficiencies within design and operational stage of assets. Support better data informed decisions through an asset life cycle.



# Why Adopt BIM?

- Offers a 'whole life cycle' approach, offering:
  - Cost savings
  - Efficiency Savings
  - Environmental & sustainability advantages



# BIM Timetable

- Creation of BIM Implementation Plan Sept 2015
- Issue of SPPN for BIM by Scottish Government Jan 2017
- Launch of New BIM Guidance Portal Jan 2017
- New guidance and implementation of BIM Apr 2017



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