

Building Information Modelling Policy

Sir Robert M^cAlpine Ltd considers BIM to be much more than 3D modelling or the application of innovative technologies. BIM is the process which drives our collaborative approach and the required supporting behaviours across all project stakeholders and our supply chain members – ensuring the right information is made available to the right people when required to enable effective decision making.

Our BIM strategy is aligned to the overall Business key drivers and defined in our BIM Project Maturity Menu. This clearly sets out how we define and leverage our BIM Deliverables across the project lifecycle and importantly across all project activities including:

- Communication & Engagement.
- Design Development (3D).
- Design Review.
- Site Logistics Methodology.
- Programme Validation (4D).
- Health & Safety.
- Mobile Field Applications.
- Cost and Procurement (5D).
- Performance Analysis.
- Digital Handover (6D).

BIM is already enhancing the way we tender, win and deliver our projects both for our public and private sector Clients. Since establishing our strategy, BIM has proven to be an important tool in de-risking our projects and providing surety of cost, programme, quality and safety as well as delivering the sustainable outcomes that we and our Clients aspire to.

We have committed to:

- Undertaking an opportunities analysis at the outset of our involvement of every project to identify potential BIM implementation.
- Assessing capability of our supply chain, engaging them early and assisting them technically where required.
- Continuously drive, develop and challenge our working practices to get the very best outcomes for our clients.
- Ensuring our project teams are engaged, trained and upskilled, providing the supporting BIM resources to deliver the project's requirements.
- Providing the right tools and supporting infrastructure technologies.
- Engaging with our clients and furthering their understanding of how BIM can improve the delivery of their project.

Our BIM strategy ensures we remain at the forefront of BIM within the UK Construction Industry and that we have the corresponding skills, experience and capability to deliver to the Government Level 2 requirements and beyond. Our on-going development, investment and commitment to BIM will ensure that Sir Robert M^cAlpine drives continuous improvement and continues to raise the bar to drive exceptional results to our Clients.

This policy and our BIM strategy is reviewed annually by our Head of BIM and its implementation is sponsored and monitored by the Senior Executive Board representative our Director of Engineering & Technical Services, Boyd McFee.



Boyd McFee
Director of Engineering & Technical Services

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