



# BIM CONSULTANT

## BUILDING INFORMATION MODELING (BIM) PROJECT MANAGEMENT SERVICES

Building information modeling is a revolutionary digital platform that can deliver a wide range of project solutions throughout the construction life-cycle. It is a digital 3D representation of physical and functional characteristics of building or structures. Compared to traditional 2D Computer Aided Design (CAD), information conveyed through a BIM model is consistent, visually demonstrative and delivers a wide range of solutions throughout the construction project life-cycle.

It is a revolutionary platform that has emerged with the growth of digital computing and is being rapidly adopted by industry professionals to aid tasks such as building design and construction, project management, and operations and maintenance. BIM application has helped projects increase efficiency, mitigate risks, optimise performance and decrease costs.

SGS provides a professional BIM consulting team to help you achieve the BIM project goals you require.

### SGS BUILDING INFORMATION MODELING SERVICES

- 1 BIM Project Management Consulting
- 2 BIM Service Contract Review and Verification
- 3 BIM Architectural, Structural and MEP Modeling
- 4 Construction Drawing Export and Creation
- 5 Building Systems Clash Detection
- 6 4D Project Schedule Simulation
- 7 Project Materials Quantity and Cost Estimation
- 8 BIM Project Delivery and Verification
- 9 Energy Modeling for Green Building Certification
- 10 Design Stage Environmental Modeling
- 11 BIM Project Training and Education
- 12 Existing Building Scan and BIM Model Integration

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