

BIM

Building
Information
Modelling

What is BIM?

- Generating and managing building data during its design, construction and during the building or assets life cycle.
- Using three-dimensional building modelling software to increase productivity of consultants and contractors during the whole asset life cycle.
- Producing the Building Information Model database, which encompasses building geometry, spatial relationships, geographic information, quantities and properties of building elements.
- Facilitating project management, better construction process control, cross-disciplinary collaboration, communication with external stakeholders, decision support and risk management.

什麼是建築信息模擬？

- 在建築設計、施工及整個建築或資產生命週期中提供並管理建築資訊的過程。
- 使用三維建築模擬軟件，提高顧問和承建商在整個資產生命週期中的生產力。
- 建立出一個建築信息模型資料庫，涵蓋建築幾何結構、空間關係、地域性資訊、建築物元件數量及特性等資料。
- 協助項目管理、調控建造程序、跨界別合作、對外溝通、決策支援及風險管理等。

(CIC, 2019)

(建造業議會, 2019)

