

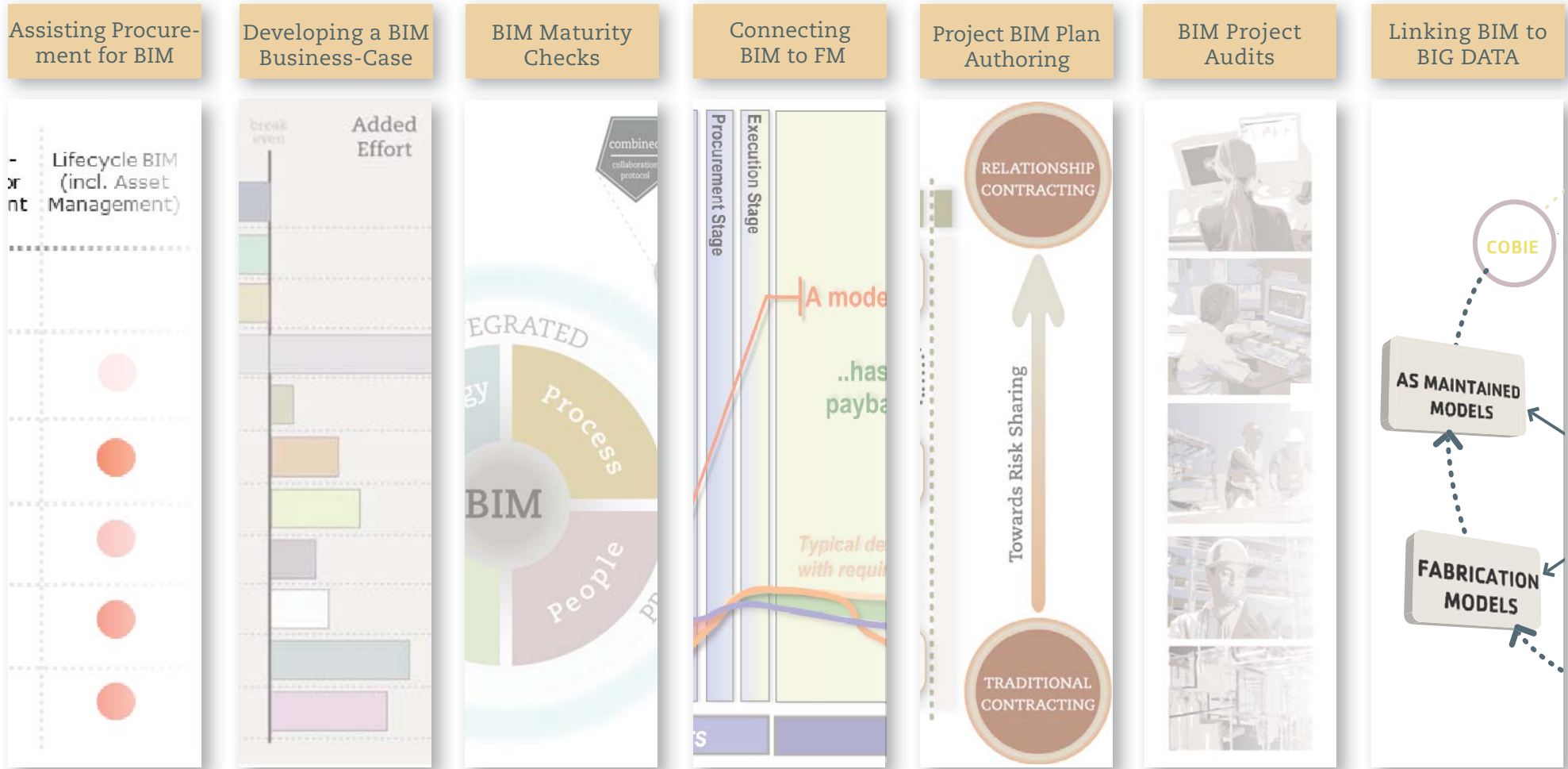
BROCHURE

C L I E N T S &
O P E R A T O R S



aec connect

Services - Summary



BIM Procurement, Contracts & the Brief

A key point of BIM assistance AEC Connect provides to clients is support with project procurement and the establishment of BIM clauses in EOs, project briefs and the contract.

At times, opportunities provided via BIM may impact the choice of procurement clients decide to make to set up their projects.

AEC Connect assists in setting up 'BIM Management Plans' that complement deliverables as listed in the contract.

- ▶ *Discussing BIM's impact on procurement*
- ▶ *Introducing legal considerations of BIM*
- ▶ *Introducing BIM to PSA(s)*
- ▶ *Developing BIM Execution/Management Plans*
- ▶ *Defining BIM deliverables in the brief*

BIM under various procurement types

	Design BIM as Template for Tender	Design to Construction BIM	Early Sub-Contractor Involvement	Lifecycle BIM (incl. Asset Management)	Risk-Sharing Project-Insurance
Construct Only	●	●			
Design and Construct	●	●	●	●	
Public Private Partnership / BOOT	●	●	●	●	●
Managing Contractor / ECI	●	●	●	●	
Partnering / Collaboration Agreement	●	●	●	●	
Alliancing / Integrated Project Delivery	●	●	●	●	●



Introducing BIM to your Business

AEC Connect will assist you to understand BIM: We help you to align your core business to the current BIM context affecting your market.

We use our extensive experience to educate your upper management about the opportunities and challenges associated to BIM and we develop a bespoke strategic BIM approach for your business.

We help to define the specific 'Spectrum of BIM Services' your business should request from your project teams and the data your FM experts require.

- ▶ BIM seminars for your Upper Management
- ▶ Developing a BIM implementation strategy
- ▶ Creating a comprehensive BIM Business Plan
- ▶ Issuing BIM terms of reference
- ▶ Defining your BIM Asset Management Strategy

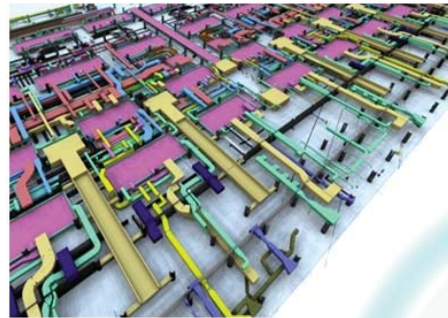
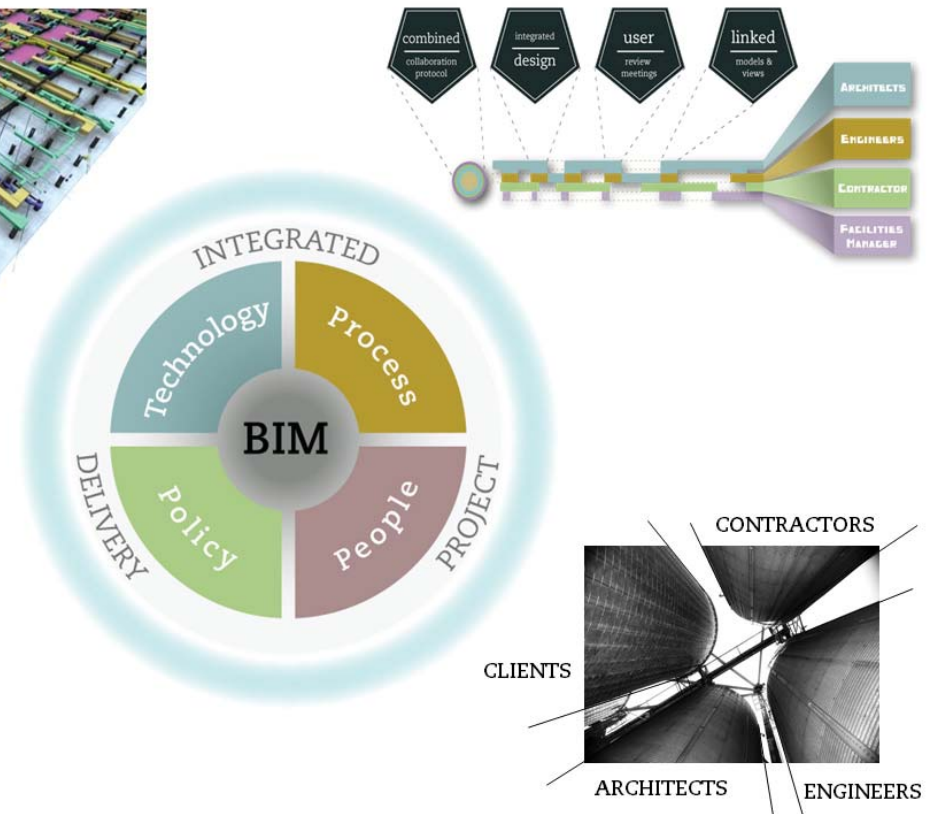


Image Source: Arup



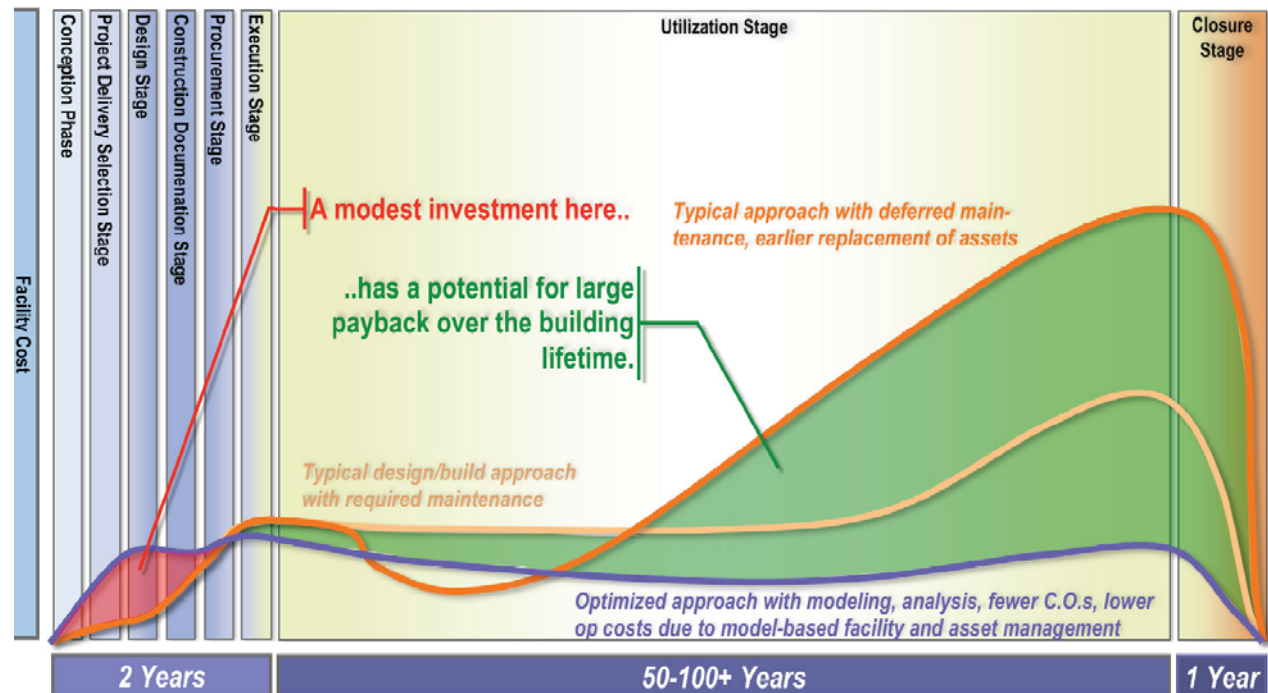
BIM Benefits to your Business

AEC Connect will assist your firm to derive value from BIM by focusing on your key business drivers and by mapping project BIM deliverables accordingly.

Clients' benefits from BIM are not the same as those propagated by consultants or the contractors. AEC Connect will help your business to clearly identify the key advantages you can derive from BIM as a client.

We will assist in articulating your requirements from project teams during design/construction and your asset managers during operation.

- ▶ Time Savings
- ▶ Cost Savings
- ▶ Greater Involvement
- ▶ Higher Quality Design
- ▶ BIM Links to O&M



Risk Management for BIM

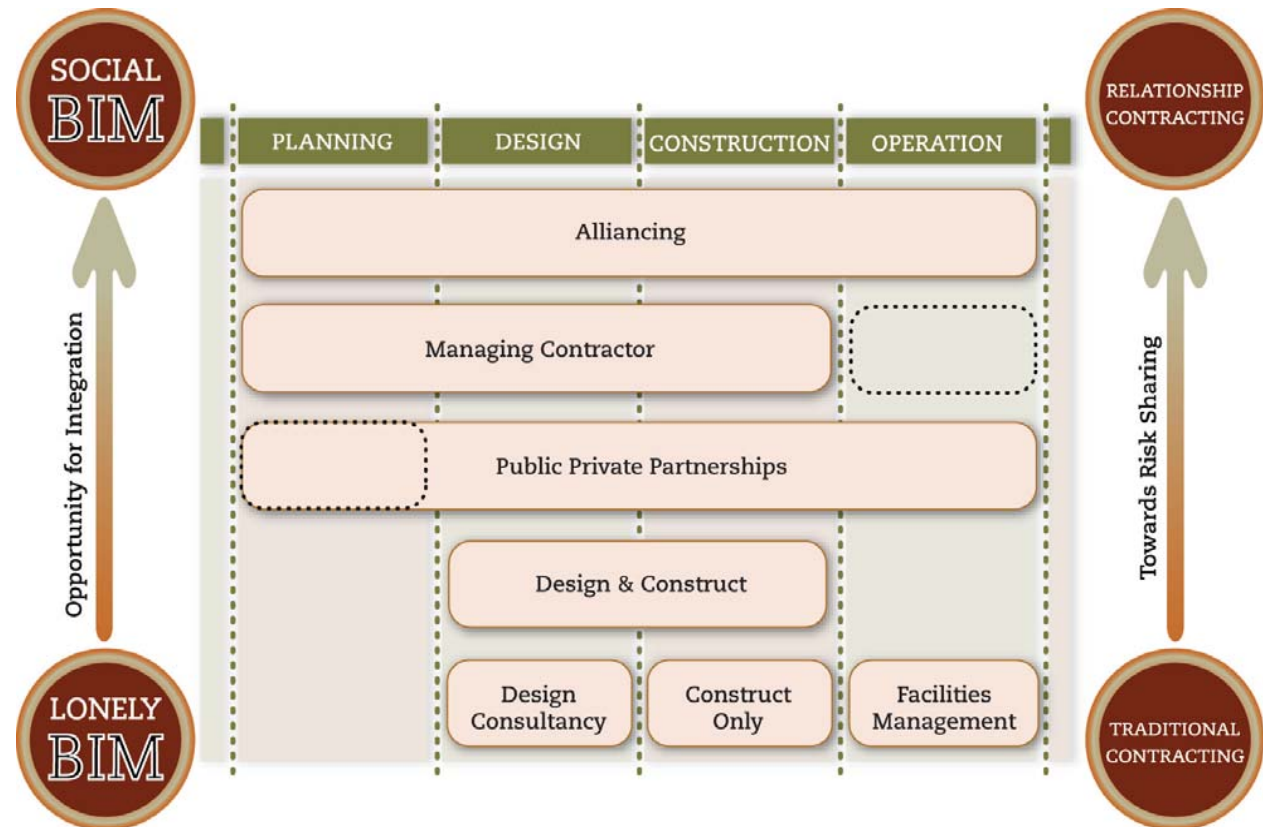
Assessing potential risks your business is exposed when applying BIM. Managing risk when going from traditional methods of delivery to BIM.

Considering principles of Integrated Project Delivery (IPD) and associated factors for risk sharing in single-point Insurance collaboration.

Scutinising BIM ROI and its value proposition

Benchmarking BIM quality control requirements and determining the associated risk factors.

- ▶ *Assessing BIM maturity of your project team*
- ▶ *Identifying & measuring BIM-related risks*
- ▶ *Addressing risk factors in deriving ROI from BIM*
- ▶ *Educating your Upper Management about BIM-related risk and its avoidance.*



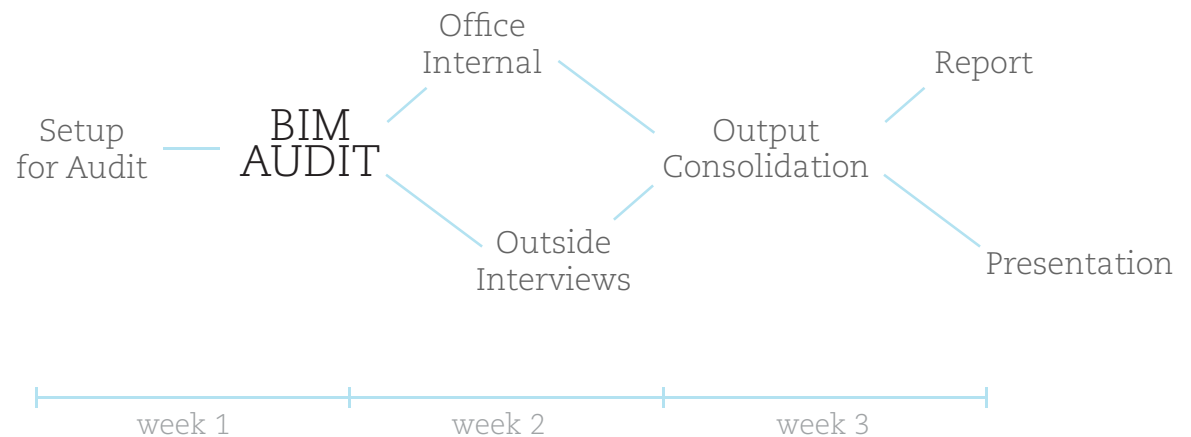
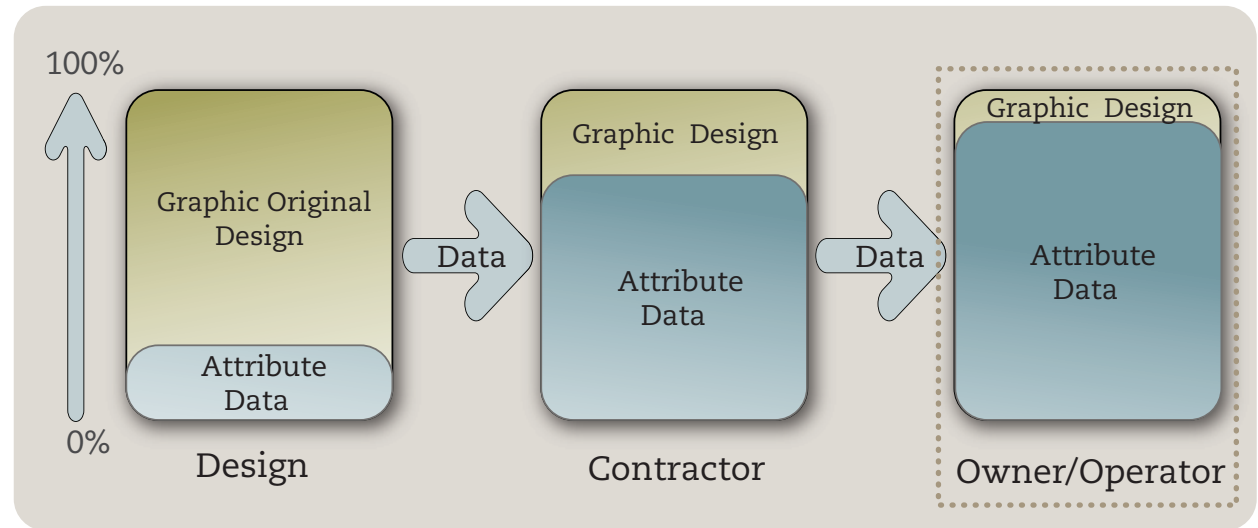
BIM Project Audits

AEC Connect assists clients and developers in auditing the BIM progress on projects that are either on the way or recently delivered.

We will join BIM Project reviews conducted by your project team to monitor their BIM effort in order to determine that the actual output is according to the agreed deliverables in the BIM Execution plan.

Clients may wish to assess the quality of BIM applied on projects post delivery. AEC Connect will audit existing projects and engage the entire project team to determine the quality of BIM applied.

- Comparing projected with actual BIM output
- Joining BIM reviews and coordination meetings
- Auditing existing projects - comparison to brief
- Overseeing information flow on BIM execution
- Guiding the O&M (manual) handover process



BIM data and your Portfolio

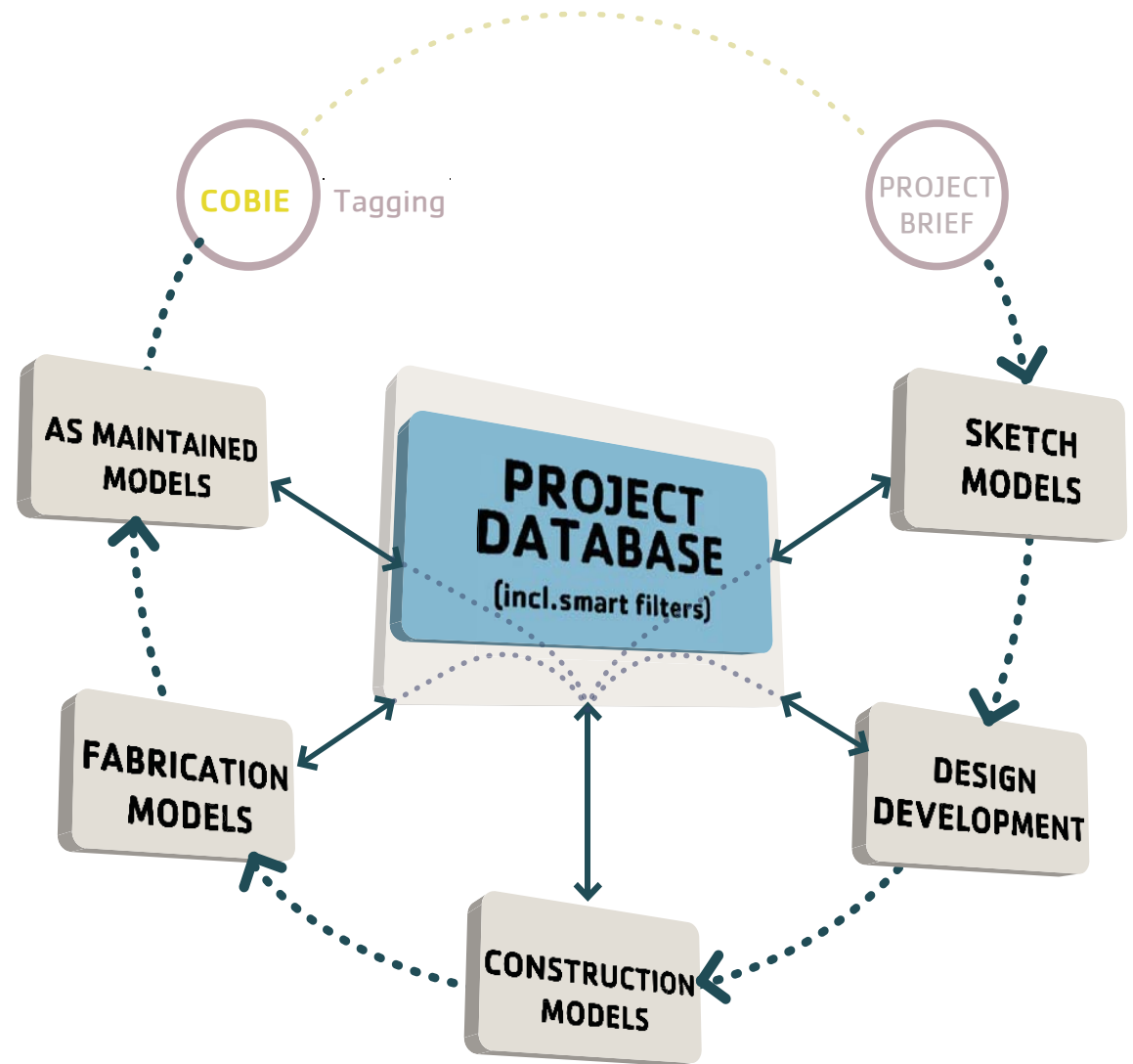
AEC Connect assist your business in using BIM to derive quantitative information about your entire portfolio. We develop strategies for integrating BIM data with information about the existing (non BIM) assets within your portfolio.

Defining COBie (and other) data requirements for the linking design/construction BIMs and FM

Assisting in the development of 'as maintained' data from the Construction BIM (6D)

AEC Connect will help you to develop a performance specification for identifying the datasets required to extract useful data from your BIM

- 🎯 Closing the life-cycle loop
- 🎯 Linking data from BIM to Asset-Management
- 🎯 Expanding from BIM to the entire portfolio
- 🎯 Considering BIG data, GIS and BIM



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BROCHURE Clients / Operators