



# Deliver better projects faster while saving money.

## DID YOU KNOW?

Working in silos costs the architecture, engineering, and construction (ACE) industry **\$15.8 billion annually**. Traditional design-build methods produce dozens or hundreds of separate files. It's too easy for data to become confused or lost, errors to arise, and clashes go undetected.

But one tiny mistake can lead to serious delays, extra costs, wastage, inefficiencies, and re-work.

Source: Weisheng Lu, Chi Cheung Lai, Tung Tse (2019) BIM and Big Data for Construction Cost Management



## THE FACTS



30% of construction cost is wasted in re-work.

Over 60% of major capital projects are over-budget or late.



Projects delays can cost up to 20% more than the estimated cost of the project.

Source: Autodesk, Inc. 2014

## Meet BIM



Building Information Modelling (BIM) is a process for creating and managing all project information before, during, and after delivery. BIM is all about collaboration. With superior communication, it provides a single source of truth for owners, designers, contractors, and operations professionals.

## BIM IS BETTER INFORMATION MANAGEMENT

### BIM CAN HELP SAVE THE PLANET

36% of global CO<sub>2</sub> emissions comes from the AEC industry, with 66% of emissions occurring during the operation stage of the project life cycle.

With a press of a button, BIM identifies the environmental impact of a project and can actively steer towards cleaner constructions. BIM reduces waste, streamlines production and makes technology 'smarter'.

COLLABORATION. CLARITY. VISIBILITY.

Source: Mousaa, Luo, McCabe (2016). Utilizing BIM and Carbon Estimating Methods for Meaningful Data representation.

# BIM Adds Value at Every Project Lifecycle

## Concept + Design

- Project visualisation
- Clash detection
- Scheduling
- Estimating

## Build

- Prefabrication
- Procuring Materials
- Sequencing Phases
- Updating model for changes

## Closeout

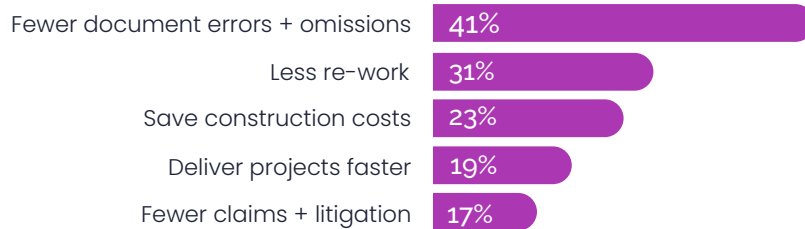
- Create accurate as-built
- Complete turnover package
- All files stored

## Operations

- Monitor performance
- Scheduled maintenance
- Achieve better efficiencies

## BIG BIM

### BENEFITS



Source: McGraw Hill Construction, 2013

## The BIM Digital Transformation

BIM is becoming an industry standard. The value is clear. And now is the right time to get more ROI out of your BIM. We help clients to develop their BIM roadmap, invest in more training, expand their internal expertise, and prioritise connected field solutions. BIM brings value to each lifecycle stage of a project from concept to completion and beyond.

### AUDIT [SCOPE]

#### Discover the power of BIM.

Learn all the ways BIM can bring mega value.

1. Review + assess your BIM needs
2. Identify your BIM objectives
3. Receive a custom BIM solutions plan

#### Accelerate your digital transition.

Our team of BIM experts can make switching to BIM easy.

1. Move projects into BIM models
2. Learn how to integrate data
3. Align internal teams + processes

### DELIVER [TRANSFORM]

### TRAIN [UPSKILL]

#### Master the digital tools to make BIM easy.

Build your internal knowledge with the latest training.

1. Learn BIM fundamentals
2. Learn BIM digital software tools
3. Learn about connected workers

## Ready to Unleash Your BIM Potential?

We can help. Book a complimentary call with our BIM Team to learn more.

[Talk to an expert NOW!](#)

**Build Your TEAMS. Deliver Your PROJECTS. Shape a Better FUTURE.**

Australia • France • New Caledonia • Papua New Guinea • Mozambique

[easy-skill.com](https://www.easy-skill.com)