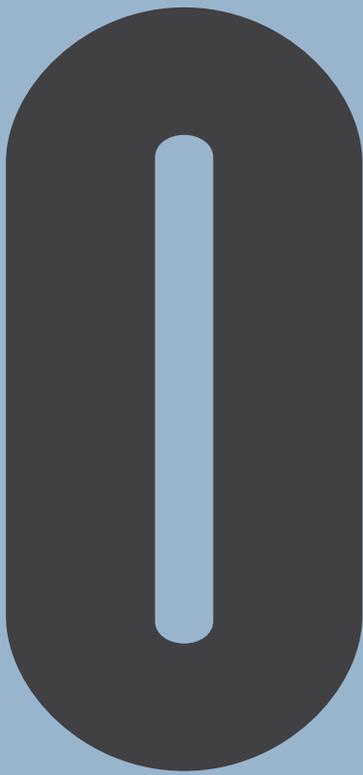


# BIM Outreach

0 *BIM Outreach*



**BIM IN PRACTICE**



Australian  
Institute of  
Architects

# BIM Outreach

## O *BIM Outreach*

### Contributors:

Toby Maple (Chair), HASSELL

Glenn Cunnington, Humphrey + Edwards

John Hainsworth, Arup

Belinda Hodgkinson, Sinclair Knight Merz

Daniel Jürgens, Cox Architecture

Peter Liebsch, Grimshaw

Darren Tims, Rice Daubney

Flavio Yamauti, Hansen Yuncken

### O **BIM Outreach**

- O1 Educating Clients - What to ask for when requesting “BIM”
- O2 Architects and Building Designers: What does BIM mean to my business?
- O3 Engineers: What does BIM mean to my business?
- O4 Contractors/Builder’s: Possible uses of BIM for Construction
- O5 Quantity Surveyors and Cost Planners: How can BIM improve my business?
- O6 Facilities Managers: What benefits are there for me in engaging with a BIM process?
- O7 Manufacturers and Suppliers: What can BIM do for my products?

## O BIM Outreach [Version 1 – August 2012]

### Disclaimer:

This document is jointly published by the Australian Institute of Architects and Consult Australia and contains information prepared by the joint Australian Institute of Architects and Consult Australia BIM/IPD Steering Group and its Workgroups. The Australian Institute of Architects and Consult Australia make no representations, either jointly or severally, about the content and suitability of the material, for any purpose. It is provided ‘as is’ without express or implied warranty, including any warranties of merchantability or fitness. In no event will the Australian Institute of Architects or Consult Australia be liable, whether in contract, negligence or other action arising out of or in connection with the material, or for any special, indirect or consequential damages or any damages whatsoever resulting from loss of use, data or profits.

All material in this document is copyright to:

- either, or jointly, the Australian Institute of Architects and Consult Australia; or
- a third party, from whom the material is licensed for inclusion on this site.

No reproduction of the material is authorised unless written permission is first obtained from both the Australian Institute of Architects and Consult Australia.



Australian  
Institute of  
Architects

## PREFACE

In the past several years Building Information Modelling (BIM) has gained a significant foothold within the construction industry worldwide. Many companies have experienced its benefits (and some of the pitfalls) whilst implementing this technology and the processes that it enables.

However there is still a large portion of the industry that is yet to wade into the murky BIM waters.

The aim of the Outreach group was to explain in clear language, from a practitioner's point of view, some of the benefits, issues, costs and hurdles when implementing a BIM methodology into your business and projects.

The Outreach group consisted of industry leaders that have been using BIM processes to deliver projects for the past 10 years. The projects they have worked on span the spectrum of our industry, from small refurbishments to billion dollar builds. The group has had extensive input from Australian architects, engineers, quantity surveyors, facilities managers and contractors.

The input of these stakeholders was important to collate the common issues a client should be aware of when requesting BIM. One of the main drivers for the group was not to sell BIM to the reader, but to provide practical advice and as little jargon as possible.

These documents are not only aimed at assisting someone just starting down the BIM road, but also at professionals who are keen to understand how other parties within our industry see this new paradigm. These documents hopefully raise the collective awareness within our industry and create an open dialog that encourages best-for-project outcomes where all contributing parties succeed.

The following topics were tackled by this group

- O1 Educating clients - What to ask for when requesting BIM?
- O2 Architects & building designers - What does BIM mean to my business?
- O3 Engineers - What does BIM mean to my business?
- O4 Contractors/builders - Possible uses of BIM for construction
- O5 Quantity surveyors & cost planners - How can BIM improve my business?
- O6 Facilities managers - What benefits are there for me engaging with a BIM process?
- O7 Manufacturers & suppliers - What can BIM do for my products?



**Toby Maple (HASSELL)**  
Chair: BIM Outreach  
Working Group

The goal of each paper was:

- to be a short document that was clear and easy to understand
- to provide common terminology that industry can use as a foundation to build upon
- be a starting point for someone who was new to BIM, but also a window into other project partners' issues
- assist the reader in locating further information within the other three AIA/Consult Australia working groups

We hope these documents encourage further (and ongoing) discussion to enable closer collaboration between project team members, ultimately reducing waste, and thus improving the industry we work in.