

BIM at the Sydney Opera House



Courtesy Sydney Opera House

BIM is also providing opportunities for the facility management sector to manage the built environment.

The Co-operative Research Centre for Construction Innovation recently published its second FM Exemplar Project report, *Adopting BIM for facilities management*.

The project was commissioned by the Australian Government's FM Action Agenda and received support from the Department of Industry, Tourism and Resources and FMA Australia.

The project, which commenced in April 2005, chose to model one of Australia's most recognisable buildings, the Sydney Opera House.

The Opera House was used for the project because it was completed without basic two-dimensional digital drawings and had no definitive set of plans incorporating service changes made over the years.

"The project focused on digital modelling, services procurement and performance benchmarking themes as dimensions of the FM equation, which when integrated, improve FM's ability to support an organisation's objectives. In the report our research outcomes were then aligned within the broader context of the Sydney Opera House's total asset management plan in support of their organisation's business enterprise", says John McCarthy, chairman of the FM Action Agenda and the CRC for Construction Innovation.

The report concludes that "data on the physical structure of a building can be integrated with facility management functions to provide more effective ways of managing the built environment."