

Case Profile AEC Sector

Sir Robert McAlpine Emirates Stadium



Construction of Arsenal's new Emirates Stadium

Sir Robert McALPINE

Contract Information

Start	February 2004
Value	£400 million
Duration	24 months

Collaboration Statistics

Total Uploads	72,975
Total Downloads	753,631
Organisations	118
Users	461
Drawings	58,352
Documents	456
Photos	45
Discussions	331
Markups	10,650
Binders	87
Statistics Date	March 2008

Project Details:

Sir Robert McAlpine began construction on the new Arsenal Stadium in February 2004. The premiership champion's new stadium was scheduled for completion in time for the start of 2006/07 season.

The £400 million stadium was built on the former Ashburton Grove Industrial Estate situated close to their former home, Highbury.

The Emirates Stadium was designed and built by award winning construction company Sir Robert McAlpine along with world's leading sport architects HOK and project managers AYH.



The 60,000 capacity world class sporting venue includes 7,000 club level seats with attached restaurants, 150 executive boxes, 250 catering serving points, over 900 WC's, a capacity for up

to 250 wheelchair users, 41 TV camera positions and 215 seats for media.

The stadium has been described as probably the best club stadium in Europe, and has won the Project of the Year award at the 2007 building Awards.

Extranet Details:

The site covered an area of 17 acres and the programme consisted of four separate projects, namely infrastructure, the North Bridge building, the Northern Triangle and the Emirates Stadium itself. With tight time scales and the complexity of the project close collaboration was required by all parties.

Sir Robert McAlpine decided to use 4Projects® online collaboration solution to manage the project and to help reduce time and costs. Using the collaboration solution the stadium was delivered within budget on time for Dennis Bergkamp testimonial day that was held on 22 July 2006.

Throughout the project the workflow module was utilised extensively, drawings were uploaded by sub contractors and were routed through an approval route. Approvals were carried out both in parallel and serial with the design team and project manager commenting on each drawing prior to them becoming visible to the project team.

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