

## Abigail Matthews

BEng CEng MICE

Director

2005 - present      Momentum  
 1998 - 2005      Buro Happold (Associate Director)  
 1995 - 1997      Kumagai Gumi (Design Manager)  
 1992 - 1995      Arup



Lift New Parliament  
AOC Architects



O2 Brand Experience  
Jordan Parnass Digital Architecture



RDS Dublin  
Edwin Shirley Staging



Pyramid Stage  
Glastonbury Festivals



La Machine  
Unusual Rigging



Priory Park Pavilion  
Dominique Perrault

Abigail co-founded momentum in 2005. She has worked on a wide range of projects from small bespoke architectural projects to multi million pound mixed-use development schemes. In recent years she has specialised in the Sports, Venue and Entertainment Sectors and the non-linear analysis of complex forms. Abigail tutors in the architectural department at the RCA.

### Experience Includes

**Lift New Parliament, £1m** **2006 - 2008**

Demountable touring venue for the London Festival of Theatre with AOC architects, won through open competition in July 2006.

**New Stand, Royal Dublin Showground, £2m** **2008**

4500 seater stand and 20m x 120m roof was designed and built over a 6 month period at the beginning of 2008 for Leinster Rugby Club at the Royal Dublin Showground.

**O2 Branding structures, London, £1.5m** **2008**

Three separate installations within the indoor street area of the Millennium Dome as part of the branding for O2, with Jordan Parnass Digital Architecture. Momentum are also the engineers for the O2 branding experience in the Point in Dublin, which is currently on site.

**Glastonbury Festivals, Somerset** **2003 - present**

Re engineering of the Pyramid Stage enclosure, design of Glade Stage and Solar Stage and various other venues and structures.

**La Machine, Liverpool** **2008**

Design of rigging system to raise and lower a 14T mechanical moving Spider up and down the face of a building in Liverpool. Momentum were employed by Unusual Rigging.

**Priory Park Pavilion, Reigate, £1m** **2005-2008**

Won through RIBA competition in 2005 with Dominique Perrault Architects. The Pavilion forms part of a larger development of Priory Park, for which Momentum also carried out the engineering with Land Use Consultants.

**Speed Skating Arena, Turin, £30m** **2002-2006**

120m clear span roof over arena which housed 30,000 spectators for the speed skating event at the Turin Winter Olympics in 2006.

**Royal Court, Guernsey, £17m** **2002-2006**

New Court Building for the States of Guernsey with Nicholas Hare Architects.

**Hampshire Cricket Club, £10m** **2000-2004**

Design of cricket academy and stand with Michael Hopkins Architects.