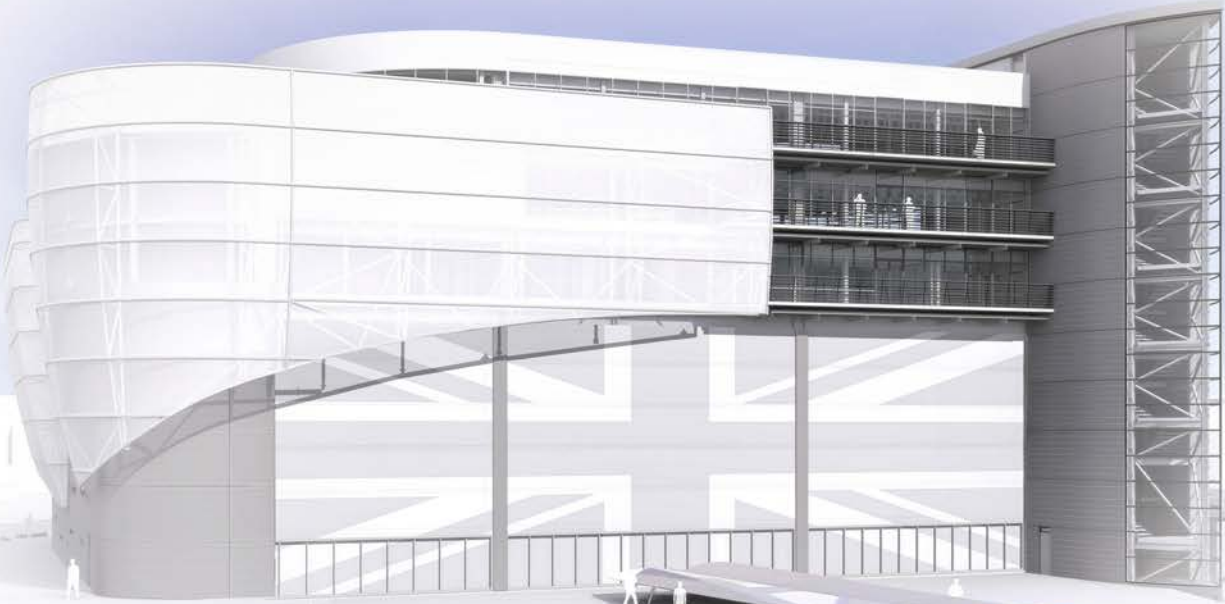




# Home of Ben Ainslie Racing



Built to BREEAM excellent standards, a purpose-built facility housing all of the team's activities from design to sailing, sports science to marketing - a showcase for sport, innovation, technology and sustainability in the heart of Portsmouth.



## Sustainable Design

**2x** thermal performance of a standard building due to additional insulation

Natural ventilation and light provided through central atrium

**15** separate building performance monitoring points

**70%** improvement in air permeability of building compared to building regulations



## Materials

**A/A+** rating for majority of structural materials

**100%** VOC compliant paints & carpets

**97%** demolition materials recycled

**100%** demolition concrete crushed and reused in foundations



## Considerate Construction

**44/50** 'Performance Beyond Compliance' achieved in Considerate Constructors Scheme

**21** local community consultation meetings

**52** Portsmouth City Council website updates



## Ecology

**9m<sup>2</sup>** artificial reef - 50 marine species incl. reintroduction native oyster

**9** native plant species to be introduced



## Travel

**30** staff and visitor cycle racks

**2** BAR electric bikes

**40%** staff to use sustainable travel to base



## Resources and Efficiency

**432** solar PV panels covering 100% of available roof area

**130** MWh/yr from solar PV panels

**100%** renewable electricity

**100%** of offices have natural lighting through windows and central atrium

**30%** energy savings delivered by LED lighting throughout

**1200** litre tank harvesting rainwater

**25%** water efficiency improvement from building regulations

**100%** Brownfield site



Sustainability Partner