make

Press Statement

16th May 2017

Big Data Institute completes

Make Architects has completed its fifth building for the University of Oxford and its fourth on the Old Road Campus masterplan.

The Big Data Institute (BDI), constructed specifically for the analysis of large and complex biomedical data, is a bespoke building which will cater for over 550 researchers from across the University. Data will be stored, analysed and processed within the building with the aim of providing new insights into illnesses and treatments worldwide.

The 7,500m^2 building employs a passive design which uses assisted natural ventilation. A subterranean labyrinth is located beneath the lower ground floor which draws in air through the light-well and uses the thermal mass of the ground to cool it before circulating it to the main roof top plant room. This air is then distributed via a floor plenum and extracted via the atrium using the stack effect.

Peter Matcham, Partner and project architect said: "It is fantastic to have completed our fourth building on the University of Oxford's Old Road Campus. The Big Data Institute is a pioneering facility. We are extremely proud of this superb portfolio of work with one of the best universities in the world."

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About Make

Make is an award-winning international architectural practice with a reputation for challenging convention and pursuing design excellence. Since we opened our doors in 2004, we've worked on more than 1,300 projects worldwide covering a wide range of sectors. We've delivered 60 built schemes from studios across three continents, including 39 buildings, 14 interiors and refurbishments and seven smaller design projects. We've also achieved 95 planning consents and realised 11 masterplans. Our work is inspired by a singular purpose; to design the best buildings, places and spaces in the world.

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