

A unique straw bale cladding to the University of Nottingham's new building for Biosciences and the School of Veterinary and Medical Sciences. The 13m-high bespoke cladding system is fixed to a concrete frame and consists of a self-supporting timber frame made in units that are packed with straw and rendered externally. These were designed by Eurban to meet the Architect's specification. The timber elements were delivered to a local warehouse where they were assembled as vertical units and craned into place on site.

SERVICES

structural design of timber and straw cladding
supply and assembly of cladding units
installation of cladding system

MATERIALS

crosslam. glulam, Douglas fir
exposed timber finish

INSTALLATION

8 weeks

GIFA

3,100m²

CLADDING AREA

850m²

STORED CARBON

169 tonnes CO₂

CLIENT

University of Nottingham

ARCHITECT

Make

TIMBER ENGINEER

CarbonEng

MAIN CONTRACTOR

Herbert Baggaley Construction

PROJECT VALUE

£7 million

COMPLETION

2011

ENVIRONMENTAL RATING

BREEAM Excellent

