

**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 'flying factory' 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

3,100m<sup>2</sup>

## CLADDING AREA

850m<sup>2</sup>

## STORED CARBON

169 tonnes CO<sub>2</sub>

## CLIENT

University of Nottingham

## ARCHITECT

Make

## TIMBER ENGINEER

CarbonEng

## MAIN CONTRACTOR

Herbert Baggeley Construction

## PROJECT VALUE

£7 million

## COMPLETION

2011

## ENVIRONMENTAL RATING

BREEAM Excellent

