



University of Nottingham Energy Technology Building (ETB)

Nottingham



Details

Value: £6.5m

Client: University of Nottingham

Synopsis

The Energy Technologies Building is a £6.5m research centre which will bring together world-class experts in energy research at The University of Nottingham.

The 2500 m² facility will provide the University with a centre that is specifically designed for continuing and developing its world-leading energy research. It should also attract increased attention from industry, academia, funding agencies, researchers and students and stimulate public interest in new developments in sustainable energy.



The new building will comprise specialist laboratories, a prototype hall, an exhibition area, a rooftop laboratory zone, offices and external technology area for use as an energy testing facility.

Best in Class

It will be an exemplar of low-carbon technology through the minimisation of its demands for heating, cooling, lighting and ventilation mediums from non-sustainable sources, whilst maximising energy from renewable and ambient sources.

The sustainable design includes innovative earth duct passive cooling which uses the thermal mass of the surrounding earth to provide passive cooling and preheating of ventilation air.

The development is targeting a BREEAM 'Outstanding' accreditation for sustainability