



CLIENT

Lakes College West Cumbria

LOCATION

Lillyhall

CONSTRUCTION VALUE

£5m

CONTRACTOR

Seddon Construction Limited

START - COMPLETION DATE

September 2016 - October 2017

SECTOR

Education

FORM OF CONTRACT

JCT

DELIVERY TYPE

Design & Build



One of two hubs providing world class training facilities designed to fire the growth of the UK's nuclear industry, as a result of a partnership between the Department for Business, Industry and Skills (BIS) and nuclear employees such as EDF Energy and Sellafield Ltd.

The hi-tech, specialist training facility is a two storey state-of-the-art building comprising two interlocking blocks which creates a distinctive sculptural architectural form. At the heart of the building are large flexible teaching and learning spaces, a reactor simulator and virtual reality engineering learning facilities. Laboratories over two floors are linked by a feature staircase. We worked closely with the architects Bond Bryan throughout the construction phase.

Social economic development

The social, economic and environmental benefits delivered included:

- **Local supply chain:** 72% of the total Tier 1 supply chain spend was within the North West.
- **Employment and skills:** An Employment and Skills Plan was developed at the outset. The site was used as a location as a National Skills Academy for Construction training site. 52 apprentice weeks, 18 education activities including site visits attended by local schools and 19 work placements covering plumbing, joinery, electrical and construction and the built environment and students providing guidance were delivered. Support and guidance in relation to interview skills and CV writing were delivered to students.
- **Environment:** BREEAM Very Good was achieved. Corridors were minimised and learning activities showcased through extensive use of internal and external glazing. Natural daylight and ventilation, and low or zero carbon renewables technologies were incorporated. This allowed for a 10% target reduction in operation CO2 emissions.
- **Construction waste:** 81% of construction waste generated was diverted from landfill.

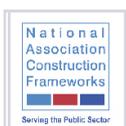
KEY KPIS



For more information please contact:

NWCH MANAGEMENT TEAM

Web: <http://nwconstructionhub.org>



“ The college provides a significant part of the pipeline of talent necessary to ensure the UK can grasp the opportunities offered by this growing and diverse global industry.

Dr Paul Howarth, Chairman - The Centre of Nuclear Excellence