CIS & Sutherland Social Value E Report



Constructing Local



studying degrees at

20 Days of work experience

Northumbria University

Members of staff

30

Students received our Get into STEM resources 787 Local students from 4 schools engaged with

7

Building My Skills

Apprentices on site

232 Visitors across both sites

Introduction CIS & Sutherland

This report has been produced by Esh Group's Social Value Team on behalf of Esh Construction, summarising the social, economic and environmental impact achieved from the CIS and Sutherland Buildings, on behalf of Northumbria University.

CIS Building - Pioneering open plan teaching environments are contained within Northumbria University's new world leading research and teaching facility. The state-of-the-art Computer and Information Sciences (CIS) building embodies innovative design to push the boundaries of university environments. This stunning new gateway building offers exceptional flexibility for the ever advancing and changing Higher Education landscape.

Sutherland Building - An extension was constructed within the service courtyard of the Grade II listed Sutherland Building to provide studio space, a student hub and academic offices. Due to the popularity of the Architecture and Built Environment course the department had outgrown their accommodation three times prior to their relocation into the Sutherland Building.

Social Value targets were delivered in line with Esh Group's 'Constructing Local' strategy, following 4 themes:

- Employing Local

Key objectives relating to the Eagles Community Arena development included; maximising local procurement, supporting apprentice training, engagement with local schools and the wider community.





Building My Skills Local overview

4 Local Schools recieved through Building My Skills

787 Students Engaged through **Building My Skills**

20 **Employability Sessions** delivered via Building My Skills



Building My Skills (BMS)

Our established secondary school programme, Building My Skills, assists in supporting a successful transition from school to work through timetabled business engagement as part of the curriculum.

Building My Skills is a free programme which provides students in Years 9 or above with a rounded introduction to the world of work. Each school receives 5 employability sessions throughout an academic year, with each session being delivered by a different business quest from a range of sectors.

Each business role model provides students with an introduction to their business, information about a variety of careers and employability skills guidance.

Students are supported to complete checkpoint tasks after each session which leads to completion of their own employability portfolio. The programme culminates with a Mock Interview Day for students who have fully engaged with the programme throughout the year.



Heaton Manor, St Cuthbert's Catholic High School and Walker Technology College all attended our Mock Interview Day (23rd May 2018) at St James' Park. Students from Heaton Manor also took park in our filming for the event.

"

Working with Esh Group to deliver the Building My Skills Programme is a very positive experience. The demands of the programme encourage the development of initiative and accountability from our students resulting in them being more capable and competent. Students have responded really well to the programme because they recognise that this is advice and guidance from 'real employers."

CHECKPOINT TASKS My Pathway





Online Appearance

Job Applications



Preparing for Interviews

For these projects, 4 local schools received the Building My Skills programme throughout the 2017/18 academic year:





St. Cuthbert's



Engaging Local

98%

of schools agreed Get into STEM linked to the curriculum

85%

teachers agreed it encouraged students to think about careers in STEM related subjects

ACTIVITIES



Dress up and Job Roles









Quantity Surveyor & Measuring

Research Project

A group of MSc Environment, Health and Safety students from Northumbria University gained experience of one of our other schemes in Newcastle to conduct research into our carbon footprint on site.

Students were tasked with producing a Site Waste Management Plan and an analysis of the savings from connecting the site to the electricity grid instead of running a diesel-powered generator. Students presented the draft findings from the project to our Group Environmental Advisor through a presentation at Northumbria University Campus.

Key environmental outcomes from the project include:

- carbon electric contract.



Get into STEM

Through our award-winning Get into STEM kits we aim to positively shape career aspirations whilst developing skill sets essential for Science, Technology, Engineering and Mathematics (STEM) careers.

Get into STEM is a primary school programme which engages Early Years and Key Stage 1 students in construction through an interactive workshop and a construction-themed resource kit.

We deliver a 40-minute workshop to each school which aims to raise aspirations and encourage students to consider a STEM career from an early age. The STEM resource kit is provided free of charge to schools for a period of 2 weeks after the workshop, allowing classes to use it as part of the curriculum or free play.

Each STEM kit contains bright and vibrant resources which are commonly used in construction, such as foam bricks, measuring equipment, literature and personal protection equipment.

Northumbria University Nursery received the resources for a three-week period commencing Monday 20th November in line with Newcastle Construction Week. This session engaged over 30 students within the nursery.

Decision Support Tool designed by Northumbria University student which will be utilised across all sites, measuring efficiency savings of connecting to the grid or running a generator.

Carbon efficiency savings made through use of an EDF low

Water maiden used to remove silt and discharge, reducing the need for tanking the water out with a vehicle.

232 Visitors across both sites

5 Groups to site



Site Visits

We engaged extensively with local education establishments and employability groups to organise tours of both the Sutherland and CIS Building. Site visits are a great opportunity for individuals to gain an insight into the construction industry by viewing real-life examples on site.

Each visit was tailored to meet the needs of the groups, ranging from Secondary school students, University students, NEET Groups and employability skills groups. Personal protective equipment was provided, and all visitors followed a predesignated walkway, stopping to view key operations and points of interest.

Throughout this project we coordinated site visits for the following groups:

- Northumbria University Technology students

- NEI 'Summer Step-up' students

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Just a quick email to say thank you to the team for hosting your site visits as part of Construction Week. It's been really interesting reading through the feedback; the students seemed to really benefit from getting out on site and seeing the construction developments in a real-life context."

61

Thank you on behalf of the **Construction Engineering** Management students who had the opportunity to look round the site. Your staff were excellent and really made the visit interesting."

I just wanted to say a huge thank you to you, and the rest of the team. The time that the team took out of their busy day to benefit my students is very great fully received. It was wonderful to hear all John's expertise and enthusiasm and to see how his planning is being steadily transformed into reality."

> Jess Tindal Northumbria University

- Northumbria University Geography
- Not in Education, Employment or Training (NEET) groups
- Newcastle Skills Hub 'Construction Week' Students

Alice Rippon Skills Hub Specialist

"

Thanks a lot for hosting us today. There was a lot of chatter following the session and I think the students got a lot out of it, with a few claiming they've been inspired with regards to their future careers."





Apprentices

We offer over 15 different apprenticeship pathways in a range of disciplines, including; site, office and customer service roles. We work together with our supply chain to offer training opportunities for apprentices across our sites.

7 apprentices worked on site throughout the project in the following trades; quantity surveying, joinery, electrical and heating engineering.

Work Experience

We provide work experience placements across our sites to help people gain the valuable experience needed to improve their employability skills and differentiate themselves when competing for future jobs.

The opportunity to gain experience starts from application stage, whereby candidates apply via a formalised online application. Whilst on site, candidates are assigned to a mentor and supported to work on real tasks which helps them develop the soft skills required in the workplace.

One student, studying a post-graduate course in Construction Project Management and BIM at Northumbria University, spent time working alongside our project managers across both sites. Initially just a 5-day placement, the candidate extended this over a number of months allowing him to gain experience of two completely different builds.



Apprentices are an important part of our culture at Esh Group. Many of our senior management team began their careers as apprentices.

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I believe that carrying out my work experience with your company has enabled me to learn a great deal and gain some valuable skills and experience that will help me in the future. The opportunities Esh **Construction gives to ambitious** graduates for work experience/ industrial placement and the investment the company put into them is inspiring."

SUTHERLAND

BUILDING 1st Visit 40/50 2nd Visit 42/50

Considerate Constructors Scheme

CIS BUILDING 1st Visit 39/50 2nd Visit 43/50

The Code of Considerate Practice commits sites, companies and suppliers registered with the Scheme to care about appearance, respect the community, protect the environment, secure everyone's safety and value their workforce. Our compliance with the Code of Considerate Practice is scored on each construction site.

Sutherland Building

The site was registered with the Considerate Constructors Scheme and achieved excellent scores of 40 and 42 during its two site visits. This is above the national average of 36 something we are very proud of.

CIS Building

Over two visits we received a score of 43 in the Considerate Contractors Scheme high above then the national average of 35. The site gained 9 out of 10 (exceptional) score in the following areas; care about appearance, respect the community and secure everyone's safe as well as receiving 8 out of 10 (excellent)scores for the other two areas.

66 The good relationship built up previously continues to grow with visits from the University and the articles that are reported on the dedicated web site for the students. The learning experience available and provided by the site is increasing. Additional seminars have been held and visits to the site made."

The excellent relationship with the University continues to be developed. A computer-generated Building Information Management system has been generated based on the Autocad software that allows all the details on the construction to be studied. This 'tool' is important to the project and education basis and several presentations have been made to University Students. The site manager has demonstrated a continued commitment to the Scheme and the principles of Considerate Construction in a positive way."

> **CCS** Monitor Northumbria University CIS Building



Overview

Both projects were part of the Considerate Constructors Scheme, a voluntary registration where we agree to abide by the Code of Considerate Practice.

The scheme won a Bronze Consideration Constructors Scheme 2019 National Site Award.











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