

**SKANSKA**



**STRABAG**

Working on  
behalf of

**HS2**



# SCS Railways

Delivered by Daniel Osei, SEE Lead and Phoebe Adams, SEE Advisor

# Agenda for today

- Who are we?
- Engaging Communities
- Area Central and SEE
- SEE objectives
- School Engagement
- Offers and delivery
- Questions



# Who are we?



Skanska

Costain

Strabag

HS2 is a state-of-the-art, high-speed line critical for the UK's low carbon transport future. It will provide much-needed rail capacity across the country, and is integral to rail projects in the North and Midlands – helping rebalance the UK economy.

Skanska Costain STRABAG Joint Venture (SCS JV) are working together to deliver HS2 along the final 26.4km of HS2's journey to its southern terminus in Euston. The JV will complete challenging works taking the railway from Northolt to Euston via Old Oak Common, building a variety of structures requiring expert precision and care. As 95% (21km) of the route will be in tunnel.



# Engaging communities



# What is SEE, what are we required to do?

We must create opportunities to improve skills, jobs, education and the economy through investment along the length of the route. We aim to be an exemplar for the rail engineering and the construction industry in acting as a driver for improvements in the sustainability of the sector by appointing the right workforce, to be available at the right time with the right skills and behaviours.

## Area Central - Our local Authorities:

- ✓ Kensington and Chelsea
- ✓ Hammersmith and Fulham
- ✓ Westminster
- ✓ Ealing
- ✓ Brent



# Our focus

## points:

Apprenticeships- new and existing

Worklessness – workless and workless grads

**School Engagement – colleges and schools**

Placements

Professional Status Attainment

Support NCATI



# Educational Partners

The length of the HS2 works puts us in a unique position where we can work with schools for an extended period of time; this enables us to support school children through their educational journey from primary through to secondary school and beyond.

We will deliver STEM related school activities, CV workshops, work placements and mentoring to help guide their educational choices and to promote the exciting career paths within construction.

Become a STEM Ambassador and support the construction agenda in our local schools as well as delivering SEE targets within Area Central



Children's University is a national charity that encourages and rewards children's participation in learning activities beyond the classroom. We have partnered with both Ealing and Westminster to support children collect stamps in a passport for each activity they take part in. These activities can include after-school clubs, new and exciting activities in outdoor environments or virtually.



Every quarter we deliver a week long virtual work placement programme for secondary schools within area central in collaboration with our supply chain and labour desk and encourage as many teams to partake in shaping this experience providing insight into Infrastructure and the Built Environment.



We work with The Career & Enterprise Company's Enterprise Adviser Network which helps link schools and colleges to employers to increase employer engagement for young people – Supporting DfE Gatsby Benchmarks - 5. Encounters with employers and employees 6. Experiences of workplaces.



We support West London College who offer high quality academic & vocational courses and apprenticeships in Southall, Ealing, Hammersmith & Park Royal.



# Area Central SEE Targets – School Engagement

**\*Subject to change reviewed annually**

SEE Output	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	SEE Value
New Apprentice							
Existing Apprentice							
Workless							
Workless graduate							
School engagement (days)	2.5 (50 days)	5 (100 days)	6 (120 days)	6 (120 days)	6 (120 days)	6 (120 days)	31.5
Placement Position (days)							
Professional attainment (people)							
Support for NCATI							
Total SEE outcomes							



# Offerings and Delivery

- We have content/workshops suitable for key stage 2 up to 5
- All our modules link in with the curriculum or Gatsby benchmarks
- We have highly skilled STEM Ambassadors to deliver within their expertise
- All workshops can be delivered virtually or face to face (when covid guidelines permit)
- With enough notice we can create content to work with school initiatives – lets work together
- Our time is FREE



# What you will receive from us?

School (primary, secondary, college)	Name of workshop	Key stage	Age	Length of time	Virtual or face to face	Comments
Primary	What is Engineering?	1&2	5-11 years	30 mins	Both	Activity
Primary and Secondary	SCS Railways - create your own trainline	2&3	7-14 years	1 hour	Both	Activity
Secondary	Virtual Site Tour	3&4	11-16 years	1 hour	Both	n/a
Secondary	SCS Railways - Environment	3&4	11-16 years	1 hour	Both	Activity
Secondary	Insights into SCS Railways	4&5	14-18 years	45 mins	Both	guest speakers
Secondary	CV and Interview preparation	4&5	14-18 years	1 hour	Both	Activity
Secondary	CV Writing	4&6	14-18 years	30 mins	Both	n/a
Secondary	Interview Preparation	3&4	11-16 years	40 mins	Both	Activity
Secondary	Personal Branding	3&4	11-16 years	30 mins	Both	n/a

## What is Engineering?

Module Length: 30 mins

This interactive module will provide an overview of what an Engineer is, the different types of engineers in terms of specialism and what types of engineer's we have on SCS railways. The idea is to help change the current perception on engineers within the industry and provide a true reflection on the diversity of engineers we have on our project. This module involves a drawing exercise.

Our material will be aimed primarily at Key Stage 1 & 2 (ages 5-10) and will link in with the following subjects:

- Design and Technology
- Maths
- Science

Skills Builder:

- Listening
- Creativity

## Primary & Secondary

### SCS Railways - Create your own trainline.

Module Length: 1 hour

This session provides an overview on HS2 and SCS Railways and what we must consider when building a train line. The module focuses on the construction and design, the route, the costs involved and how the new railway would affect the local community. This module involves a group exercise called The Trainline Challenge. We will then ask the students to

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# Questions?