

Infrastructure Leadership Group

23rd June 2021

Welcome new Partners:

The group was informed of new partners that have joined the School since April 2021:



The top 10 House builders are now all Partners of the School.

Net Zero Roadmap – Environment Agency:

Lex Massey- Sustainable Business Manager at the Environment Agency provided the group with an overview of the Environment Agency's Net Zero Roadmap. Lex explained to the group the EA's corporate sustainability strategy is called **emission 2030**. The emission is made up of four key goals:

- Deliver environmental net gain.
- Responding to the climate change emergency
- Benefitting people and communities
- Optimising our use of resources

These four goals are embedded into the EA's Net Zero 2030 roadmap which consists of:

- A confirmed emissions baseline of 273,000t CO₂.
- An organisational implementation plan of c90 actions, led by named EA and Defra Directors.
- A focus on key emission areas: 4Cs (construction, cars, computers, commuting) and pumping.
- Governance through the Organisational Business Board with enhanced data reporting.
- Development of an organisational offset strategy, to be completed by end of this financial year.
- New online learning modules, launching in the second half of this year for all staff.

Lex explained to the group that currently the Environment Agency produces approximately 273,000 tonnes of carbon per year. These emissions mainly come from construction, cars, computing and commuting. As part of their goal to help create a net zero nation EA are looking to do the following:

- **Pumping** – EA pump during flood, drought and to manage water resources. This produces 17,000t per year. Going forward EA will only pump when they really need to and will switch their diesel powered pumps to run on electricity to help make more renewable energy.
- **Cars** – The manufacture of EA's fleet is a big source of emissions. EA are looking to reduce demand and shrink fleet as well as electrify cars with all cars being electrified by 2023.
- **Construction** – Construction counts for half of EA's emissions, building flood defences uses concrete and steel which makes up half of their carbon footprint. EA are looking to cut emissions by designing defences that work with nature more and will default to low carbon concrete where possible.

- **Commuting**- Getting to and from work is one for EA's top 5 emission sources. Enabling employees to be flexible where and how they are working will enable to reduce emissions.
- **Computing**- The manufacture and use of IT systems can cause significant emissions. EA are planning to limit the number of devices they have, to two per person and will repair, reuse, and recycle as much as they can.
- **Offset** – Once reducing the carbon they produce the Environment Agency will develop a science led approach to absorb any remaining emissions, using the natural environment in the UK.

For more information about EA's Net Zero Roadmap please [click here](#).

Roger Maybury from Network Rail mentioned that they have made a commitment in which 75% of their supply chain are to have Science Based Targets by 2025. NR are running a workshop on Science Based Targets with Highways England, HS2 & TFL. It was also suggested that the school could assist and could deliver a Lunch 'n' Learn session on this topic.

Action: Partners to contact Roger if they would like to be invited to this session.

In relation to net zero Siemens mentioned that they would like more information on how Partners can access the Carbon reporting tool.

Action: Shaun to liaise with James & Charles to either organise a separate session on the carbon tool or invite them along to demonstrate the tool at the next meeting.

Sustainable Collaborative Approach – SCS Railways:

Rory Callaghan – Supply Chain Sustainability Assurance Coordinator at SCS Railways was introduced to the group and explained SCS Railways approach to engaging their suppliers with the school. SCS Railways are currently delivering HS2 works on a track from London to West Ruislip and are using the school to upskill their suppliers on different sustainability topics. SCS has set the school as a requirement for their subcontractors and have split the level of requirement out based on the type of organisation:

- Bronze level of membership is required for SME's.
- Silver level of membership is required for large enterprises.
- Gold level of membership is required for key or named subcontractors.

From September – December 2020 SCS Railways created 30 learning pathways within the school, monitored supplier performance using their Partner dashboard and created a league scoring system. The results showed that 34 out of 43 suppliers have registered with the school, with 12 of these suppliers being members and 8 of them being registered users. SCS Railways monitored this engagement and found that 84.62% of suppliers registered within the school kept the same membership status and that 5 out of 43 suppliers had completed the learning pathways.

To help improve this engagement SCS Railways developed a league table which compared the organisations working on HS2 main works S1 & S2. This was split into three different leagues based on the type of organisation:

- **The Bonsai league** – For small/medium companies with less than 250 employees
- **The Redwood league** – For large companies with 250 employees or more.
- **The Ivy league** – For plant and material suppliers that do not fall under a subcontract.

SCS Railways also considered elements below which would affect subcontractors' position in the league tables:

- Number of e-learning modules completed.
- Number of staff who completed the modules.
- The rank of your status at the school (bronze, silver, gold or partner)

SCS Railways are continuing to upskill their suppliers by driving engagement through the school.

Following on from SCS Railways Presentation Highways England offered to speak about their approach of engaging suppliers with the school at the next leadership group meeting.

Action: Shaun to contact Simon Diggle from HE to arrange this

Supply Chain Improvement Programs:

Shaun McCarthy provided the group with an updated on the work the Performance Through Procurement Project is completing. There are two elements to the project. Element one consists of free access to unlimited resources including a training needs assessment, 8 e-learning modules, a 2 year virtual training programme and a company based assessment based on an online maturity matrix.

Element two costs of:

Support for 11 supply chain improvement programmes, free to school partners who successfully apply:

- Analysis of project risks and opportunities
- Learning pathway for the team bespoke to the project.
- 5 project specific virtual workshops
- 20 days of consultancy support
- Access to a cloud-based performance tool to demonstrate improved productivity and value.
- Access to online training needs assessment, learning management system and individual training data.

Projects/organisations or who are successful in becoming Supply Chain Improvement Programs will benefit from:

- Improved productivity through better collaborative working.
- Cost savings through improved procurement skills down the value chain
- Time savings through fewer changes and delays through contractual or communication issues
- Quality improvements through fewer incidents of rework and snags
- Evidence of improved performance down the value chain through use of the cloud based application.
- A better trained team for the next project

For the conditions of the programme please [click here](#).

Action: Partners to contact Antoinette@supplychainschool.co.uk, 07851 252 656 to apply for a Supply Chain Improvement Programme.

Downloading a Digital Mindset:

David Emery, consultant at the school was invited to the meeting to provide the group with an update on the work the Digital programme is completing. The project has currently developed the following:

- An online resource library
- Online training needs assessment
- Online Digital maturity matrix
- 5 e-learning modules
- 10 Digital bytes videos

As part of the programme the school is delivering a series of Lunch 'n' Learn training sessions. The next upcoming session is taking place on the 29th of June and is with organisation BKwai where Skathi Selvakumaran will be discussing how her organisation uses data science to leverage insights from sensor data and satellite data. For more information about the session and to register please [click here](#).

Actions:

- Partners to contact Dave if they have in case studies on the success and failure of Digital innovation.
- Environment Agency, Osborne, and Lean Construction Institution to put Dave in contact with their Digital team/contact.

General School Update:

An update was provided on the SIG's and category groups. Please refer the pre-read for further information. The group was also shown a new infographic which has been created which shows how the school enables a sustainable built environment:



The school has also been officially shortlisted for two categories at the Construction News Awards, taking place on Wednesday 15th September at the Grosvenor House Hotel, London:

1. The entry behalf of Supply Chain Sustainability School has been shortlisted in the Outstanding Contribution to the Industry Category
2. The entry for Sustainable Supply Chain Group from Highways England and Supply Chain Sustainability School has been shortlisted in the Supply Chain Excellence Category.



Utilities Client Collaboration:

Shaun McCarthy provided an update on the progress of the Utilities group:

- The school will contact all utilities partners to establish which groups they wish to join.
- Working groups will be set up plus a quarterly plenary session to review progress.
- New utilities partners will be invited to join as they join the school.
- Groups will be exclusive to client organisations unless working groups decide to open up to a wider audience.

Action: Partners to contact Shaun if they would like further information on the Utilities group.

Email Automation:

Rosie Watts, Events & Marketing Officer for the Infrastructure Sector informed the group of email automation – a new marketing feature that the school will be developing. Email automation is essentially a member journey based on triggers, so when an individual meets a certain trigger, they will receive the next email and so on. Members will receive targeted recommendations for learning, to ensure what they are being sent is relevant to them. The school would personalise each journey and send relevant training courses based on their communication preferences that they ticked on their school account.

The school will be sending out a variety of email automation journeys, the first set of journeys will be subject-matter focussed, whereby the school will use automated emails to help members build on a particular topic via a series of emails. This will be referred to as an 'educational series.' The group was then asked via Mentimeter Poll to vote on their top two sustainability topic priorities for an educational series. The results showed that Energy & Carbon and Sustainable Procurement are the top two priorities for the infrastructure group.

Partner Value & Ongoing benefits:

Becky Bryant, Partner Relations Manager discussed the Partner value and benefits the group receives due to being Partners of the school. Becky informed the group that the total Partner value for 2020 – 2021 was £9,540,390. The group was also reminded that it is essential when delivering workshops that all colleagues/ suppliers register for the workshop using the school site. Becky explained that not completing this step has implications such as none of the individuals who attended receiving a CPD certificate, the activity will not be added onto the organisation's company dashboard and also will not be included in the company's Partner value. Please refer to the pre-read for further information on the benefits of being a Partner.

Action: Partners to contact Becky & Rosie if they have any questions about Partnership & value.

AOB:

- The next meeting is taking place on the 30th of September 10:00am – 1:00pm