

Friday Focus 1:

An introduction to the Supply Chain Sustainability School

Andrew Wilson
Programmes Manager,
SCSS



Regional Delivery Partnership 2021-2025
Online Meet the Buyers Event – 17 August 2023

Balfour Beatty



 **keltbray**

 GallifordTry plc

GRAHAM 



 **KIER**

SKANSKA

 **octavius**

 **VolkerFitzpatrick**



Friday Focus 1:

An introduction to the Supply Chain Sustainability School

Stefan Jastak

Supply Chain
Development Manager



SCSS (Supply Chain Sustainability School) RDP

Stefan Jastak

**Supplier Development Group Leader
C&P Supply Chain Division
2nd June 2023**



- a) What is the purpose of the SCSS from a business point of view and why did National Highways partner?

- a) Who benefits from it, and how?

What Has Been Achieved So Far

- National Highways Client Partner.
- RDP launch the SCSS programme of development in Jan 2021 followed by SMPA, SDF and PDF
- Development programmes run by the supply chain school to support development and build capability within the NH supply base. Supported by key NH Topic matter experts.
- Learning Pathways on topic areas of focus – Carbon, Social Value, Customer, with more to follow in 2023 – Lean, Quality, MMC
- Development of the Social Value Tool to record value created in the NH Supply base.
- The creations of the Supplier Development System
- Supporting the FIR Programme of development since 2020
- National Highways wins collaboration award in 2022

<https://www.supplychainschool.co.uk/partners/national-highways/>

Strategic Partnership with the Supply Chain Sustainability School

Supplier Development

- Health & Safety
- Leadership & Collaboration
- Efficiency & Effectiveness
- Supply Chain
- Net Zero & Sustainability
- Social Value



Aligned programmes of learning

- Regional Delivery
- Scheme Delivery framework
- Smart Motorways Alliance
- Lower Thames Crossing

Engagement and Influencing

- Aligned program of learning RDP, SMA, LTC, SDF, through webinars and workshops
- Engagement with key SCS Leadership Groups: Infrastructure, FIR, Social Value, Carbon, Digital, Labour, Plant, Wellbeing Offsite – Modern Method of Construction
- [National Highways Supply Chain Sustainability Portal Page](#)
- Advance market engagement to drive early alignment of extended supply chains e.g. LTC

National Highways Supply Chain Sustainability School Partnership



Delivers:

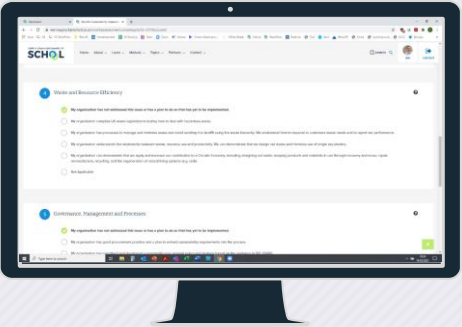
- Consistent approach across the supply base
- Efficiency & effectiveness through common industry standards
- Enables cross-client alignment
- Easy access to resources and tools
- Builds skills & capabilities for current & future investment programmes
- Aligns whole supply base behind strategic outcomes

Performance & Impact Measurement

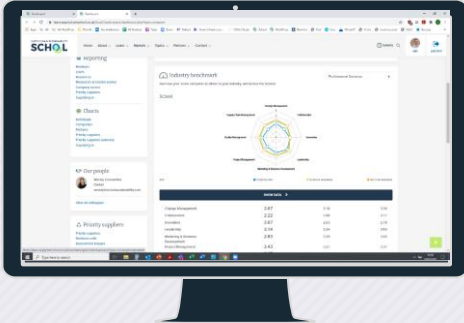
- RDP Sustainability Tool
- Social Value Tool
- Fairness Inclusion & Respect Programme
- EDI Growth matrix

Supplier Development System

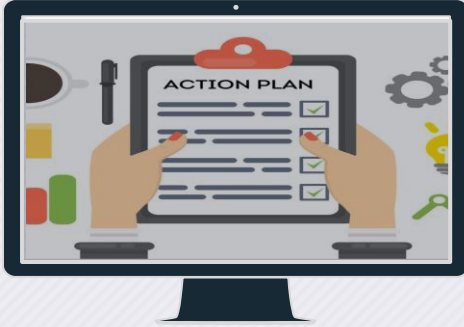
Working together to improve our performance against our six strategic priorities



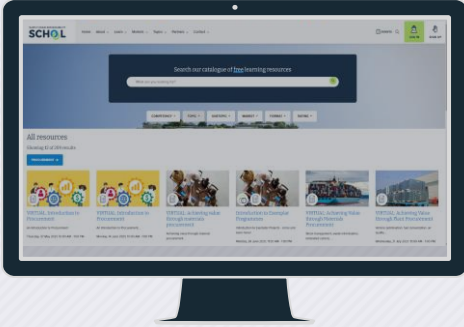
Supplier assessment



Supplier benchmarks



Action planning



Online learning

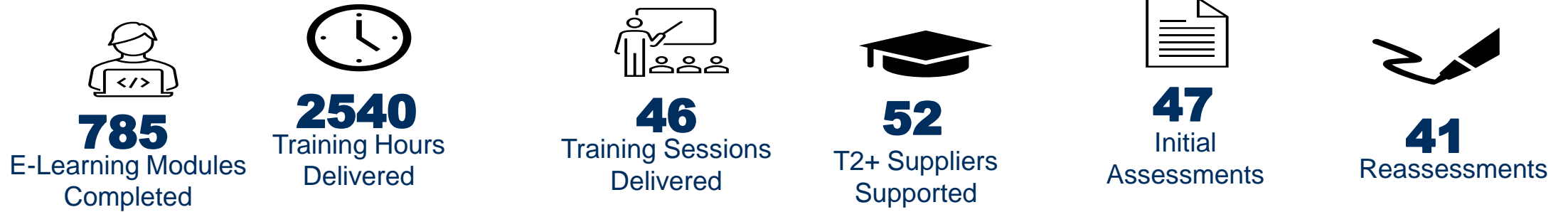
Find out more [here](https://www.supplychainschool.co.uk/partners/national-highways/supplier-development-system/):

<https://www.supplychainschool.co.uk/partners/national-highways/supplier-development-system/>

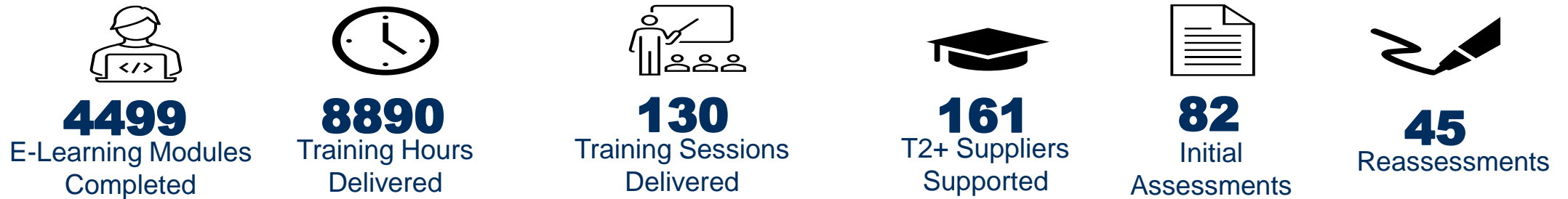


Supplier Development Maturity Building Capaeability

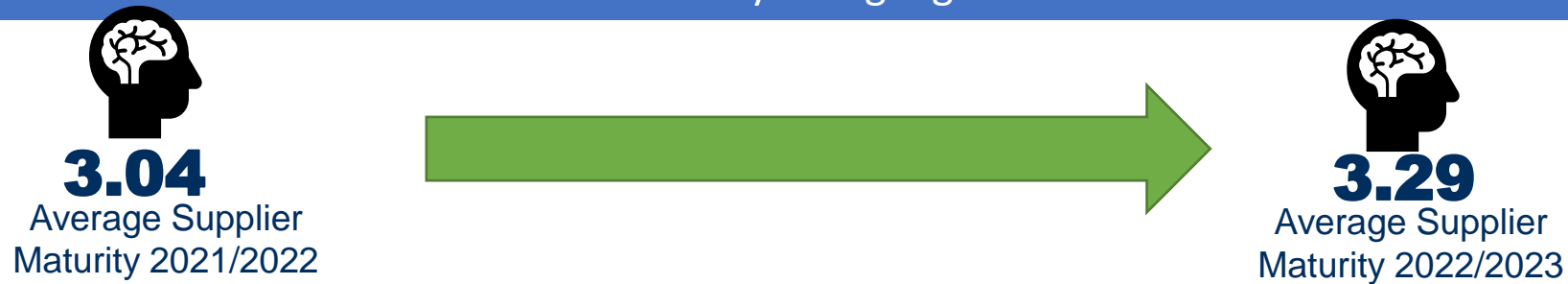
SDS Light Highlights



SDS Lighter Highlights



SDS Analysis Highlights



How can you help.



- Increase the usage of the SCSS and Supplier development system at Tier 1 as a learn management system
- Increase the tier one engagement of the SCSS and SDS at tier 2 and tier three level.
- Feedback any impacts from the Supply base on best practice via case study as evidence impact

Case Study Template



Microsoft
PowerPoint Presentat

Thanks for listening

Stefan.Jastak@nationalhighways.co.uk

National Highways



Friday Focus 1:

An introduction to the Supply Chain Sustainability School Fundamentals

Sarah Thomas
Head of Supply Chain
Costain



Our Journey so far

- Sustainable supply chain group formed
- Programme wide approach
- Dedicated and consistent learning resources
- Host Tier 1 and National highways development programmes
- Nationwide meet the buyer approach
- Sustainability toolkit – now social value toolkit
- Cross sector collaboration

Friday Focus 1:

An introduction to the Supply Chain Sustainability School Fundamentals

Rachel Lloyd-Moseley
Senior Procurement Manager
Amey Sir Robert McAlpine JV



- Peer to peer relationships
- Trust
- Opens up new connections for Supply Chain Partners across industries
- Real collaboration and integrated teams
- Shared learning = best practice for all

The School is a collaborative approach to...

1. Assessing sustainability competence – supply chain or workforce
2. Developing sustainability skills and knowledge



5,500 ACTIVE companies
24,000 ACTIVE individual learners
191 Partners
3,500+ resources



Our mission is
to enable a sustainable
built environment
through knowledge and
collaboration.



Our vision is
an industry where
everyone will have the
skills and knowledge to
deliver a sustainable
future.



Our Partners...





OnSite
support



PERSIMMON

Portakabin

Reconomy

recyclinglives

REDROW

RC
Reliable
Contractors

RINGWAY
JACOBS

ROBERTSON

rsbg uk

SAINT-GOBAIN



Scottish
Water

SKANSKA

COSTAIN

SELWOOD

serco

SEVERN
TRENT

sewscap

SGN

SHAY
MURTAGH

SIEMENS

SIG

Sir Robert
McALPINE

SKANSKA

Social Value
Portal



Southern
Water

SP ENERGY
NETWORKS

SPACE

Speedy

sse

STARK
GROUP

STRABAG
WORK ON PROGRESS

suez

SUNBELT
RENTALS

Tarkett

TARMAC
A CB&I COMPANY

Taylor
Wimpey

TAZIKER

telfordhomes

Tilbury Douglas

Transport
for London

TRAFNIDIAETH
CYMRU
TRANSPORT
FOR WALES

Travis Perkins

Uisce
Éireann
Irish Water

UK
Power
Networks

UNIPART
RAIL

united
living

United
Utilities
Water for the North West

Venky-Brown
WORKING PARTNERSHIP

VEOLIA

vgc

VINCI
UK

Vistry Group

VolkerWessels UK

WALES & WEST
UTILITIES

Wates

WH
WELFAREHIRE
— HILLING GROUP —

Dŵr Cymru
Welsh Water

wessex
archaeology

WILLMOTT DIXON
SINCE 1852

WOLFFKRAN

YorkshireWater

ZERO
WASTE
SCOTLAND



How can the
School help?

Eight topic areas


Sustainability 


Digital 


Offsite 


Fairness,
Inclusion & Respect 


Lean 


Procurement 


Management 


People 



17 SUSTAINABILITY TOPICS



Variety of learning resources

Video based toolbox talks, 300 selected videos, 100+ e-learning modules



Sustainability Shorts



Energy management efficiency - Sustainability Short

Featuring Zap the Energy Sap.



Waste Management - Sustainability Short

A short animation about how to reduce waste



Modern Slavery - Sustainability Short

Explains how any individual on site can help identify ...



Sustainability At Work - Sustainability Short

An introduction to sustainability for office and support ...



Environmental Management in FM - Sustainability Short

A quick look at the key things to consider



Science Based Targets - Sustainability Short

You can't manage what you don't measure



Sustainability Strategy - Sustainability Short

How to develop your own and why



FIR Toolbox Talk: Mental Health and Wellbeing

Everyone experiences mental health; tips for maintaining ...



FIR Toolbox Talk: FIR Induction

Fairness, Inclusion and Respect can be an integral part ...



FIR Toolbox Talk: Language

This Toolbox Talk discusses language that is and is not ...



FIR Toolbox Talk: Respect

Behaviour on site that treats everyone with respect



FIR Toolbox Talk: Responsibilities

What responsibility employers have to employees, and vice ...



FIR Toolbox Talk: Wellbeing

Fairness, Inclusion and Respect (FIR) - Wellbeing toolbox ...



Waste in FM: a Toolbox Talk

Discusses the issue of waste in the FM sector.



Community Liaison - Managing Conflict: a Toolbox Talk

Daily issues faced when dealing with the wider ...



Water: a Toolbox Talk

Why water is a significant issue for the construction ...



Air Quality: a Toolbox Talk

What factors can affect air quality, and how poor air ...



Biodiversity: a Toolbox Talk

An introduction to the important issues involved with ...

CPD Accredited E-learning Modules - Sustainability

Sustainability E-learning modules

1. Embedding Sustainable Procurement
2. Heat Mapping: How to prioritise your impacts
3. Introduction to Sustainable Construction
4. Sustainability and Groundworks
5. Sustainability on Site
6. Risk Management in Infrastructure
7. Introduction to Sustainable Homes
8. The Business Case for Sustainability in
9. Behavioural Safety in Infrastructure
10. Business Case for Sustainable Construction
11. Introduction to Ethical Business
12. People, Skills and Labour Practices in FM
13. Introduction to Water
14. Sustainable Drainage Systems (SuDS)
15. Introduction to Waste
16. Responsible Waste Management in FM
17. The Circular Economy
18. Circular Economy Indicators
19. Introduction to Materials
20. Sustainable Timber and Chain of Custody
21. Life Cycle Analysis
22. Introduction to Environmental Management
23. Getting Value out of your EMS
24. Building Management For FM
25. Introduction to Climate Change & Carbon
26. Carbon Footprinting & Measurement
27. Carbon Reporting
28. Carbon Reduction, Offsetting & Net Zero
29. Delivering Energy and Carbon Efficient Buildings
30. Green Infrastructure
31. Introduction to CEEQUAL
32. Reduce Carbon, Reduce Costs
33. Overheating in Homes
34. The Performance Gap
35. Introduction to Biodiversity
36. Air Quality for Plant and Equipment
37. Community Engagement
38. Introduction to Social Value
39. Modern Slavery
40. The Modern Slavery Act
41. Responding to the Modern Slavery Act 2015
42. Supply Chain Mapping and Modern Slavery
43. Sustainability in Food, Drink and Catering
44. Engaging a Diverse Supply Chain
45. Building Information Modelling (BIM)
46. BES 6001 for Responsible Sourcing
47. Performance Measurement
48. Local and SME Spend in FM
49. Sourcing Sustainable Plant For Your Construction Projects
50. Sourcing Sustainable Labour For Your Construction Projects
51. Sustainable Sse & Management of Plastics
52. Quality in Infrastructure
53. Introduction to Sustainable Construction in Wales
54. Well-being of Future Generations Act in Wales

E-learning Modules – Other topics

Fairness, Inclusion & Respect E-learning modules

1. Achieving Business Success through FIR
2. FIR On Site: Why It Matters And How To Achieve It
3. FIR: Setting Up An Inclusive Site & Site Office
4. FIR: Flexible Working
5. FIR: Leading people inclusively
6. FIR: Train the Trainer
7. FIR: Recruiting People, Fairly And Inclusively
8. FIR: Understanding Invisible Disabilities
9. FIR: Managing Challenging Conversations
10. FIR: Race And Intercultural Competence Part 1
11. FIR: Race And Intercultural Competence Part 2

Offsite E-learning modules

1. Offsite Fundamentals - Systems
2. Offsite Fundamentals - Sectors
3. Onsite Process
4. Offsite Manufacturing Process
5. Design: Product & Process for Manufacturers
6. Best in Class Maintenance
7. DfMA: Design for Manufacture and Assembly
8. Introduction to Offsite - Design
9. Introduction to Offsite - Project Management
10. Introduction to Offsite – Logistic Managers
11. Logistics: Level 2
12. Introduction to Offsite - Procurement
13. Introduction to Offsite - Cost Consultants
14. Introduction to Offsite - Site Managers

Digital E-learning modules

1. Business Case for Digital
2. Digital Leadership
3. Cyber Security
4. Digital Adoption

Management E-learning modules

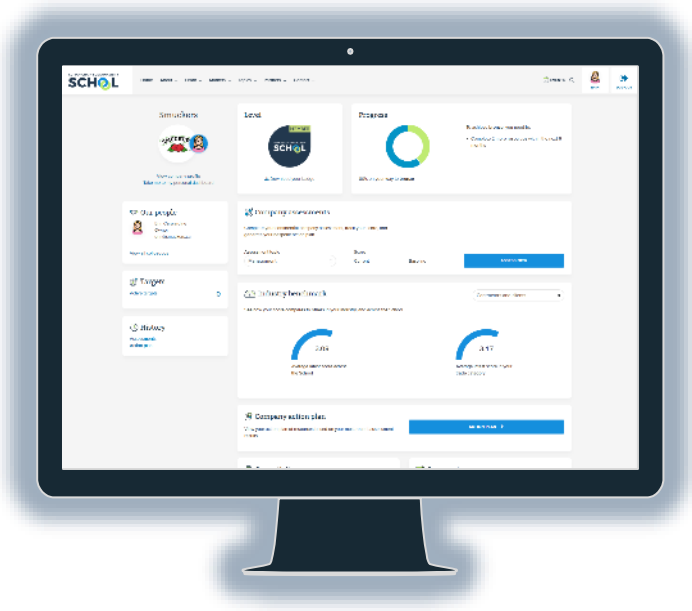
1. Quality Management
2. Quality: Getting It Right From The Start
3. Supply Chain Management
4. Project Management
5. Marketing & Business Development
6. Change Management
7. Leadership
8. Collaborative Working

Lean Construction E-learning modules

1. Introduction to Lean
2. Problem Solving & Continuous Improvement
3. 5S Workplace Organisation
4. Lean Construction and Waste
5. Visual Management
6. Standardised Work
7. Collaborative Planning & Production Control
8. Value Stream Mapping
9. Train the Facilitator

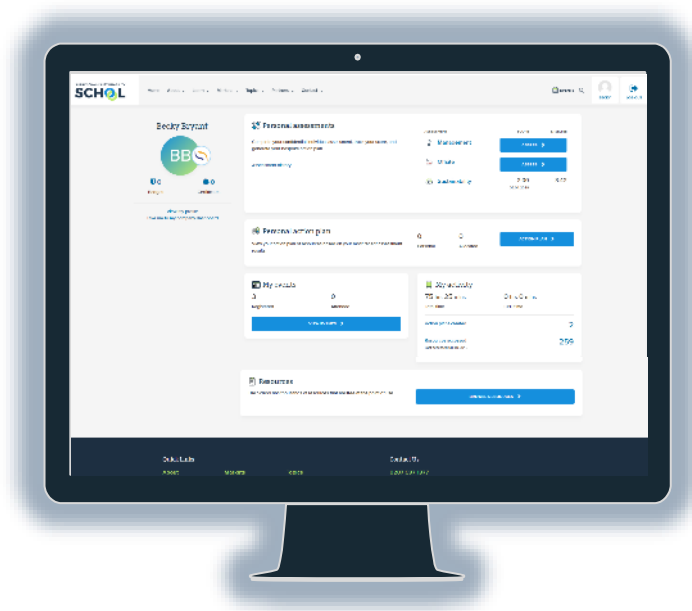
Procurement E-learning modules

1. Introduction to Procurement
2. Delivering Cost & Value in your Plant and Material Procurement
3. Delivering Cost & Value in your Subcontract Procurement
4. Supplier Relationship Management
5. Supplier Performance: Measurement & Management
6. Collaborative Construction Procurement
7. Creating and Supporting a Collaborative Culture
8. Choosing & using the right contracts and digital technology to support collaborative procurement
9. Collaborative Construction Procurement Quiz



Corporate Dashboards:

Each company gets their own sustainability dashboard to track progress and action plans at corporate level.



Individual Learning:

Individuals can use the School for their own professional development, and export reports to show resources viewed / CPD time accrued.

Andrew Wilson



30
Badges

29
Certificates

[View my profile](#)
[Take me to my company dashboard](#)

Ambassador Journeys

Interested in becoming an expert in a specific topic? View our ambassador learning journeys here.

[VIEW JOURNEYS >](#)

Personal assessments

Complete your confidential individual assessment, track your score, and generate your bespoke learning plan.

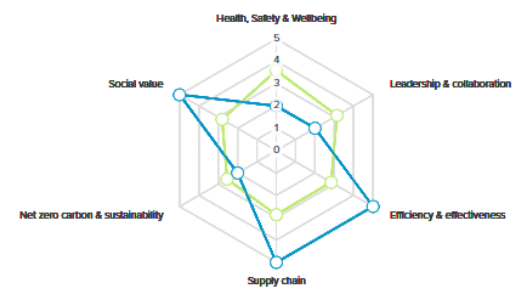
Once you have completed your learning plan you will be able to reassess, see how you have improved, and generate your next learning plan.

[Assessment history](#)

ASSESSMENT	YOUR SCORE	BASELINE	
Digital	2.71 2021-10-4	2.71	Reassess
Lean			ASSESS >
Management			ASSESS >
Offsite	1.44 2018-02-27	1.44	Reassess
People			ASSESS >
Procurement			ASSESS >
Sustainability	3.71 2021-08-24	3.71	Reassess

My benchmark

Choose your assessment topic to see how you compare against school average standards



SHOW DATA

Personal learning plan

View your learning plan of resources based on your most recent assessment results.

26

Personal

0

Allocated

LEARNING PLAN

My events

0

Registered

3

Attended

VIEW EVENTS

My activity

145 hrs 15 mins

Total time

16 hrs 4 mins

CPD time

Learning plans created

5

Unique resources viewed
Last accessed 2023-05-24

339

My Learning Pathways

Assessments

ENROLLED PATHWAYS

VIEW AVAILABLE PATHWAYS

Resources

The School has thousands of resources that are free at the point of use.

BROWSE RESOURCES

Quick Links

About

- About Our Partners
Resource Library
Events
Assess
School News

Markets

- Construction
Infrastructure
Facilities Management
Homes
Wales - Cymru

Topics

- Sustainability
Digital
Fairness, Inclusion & Respect
Lean and Operational Efficiency
Management

Contact Us

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Test Text



MEMBER

SUPPLY CHAIN SUSTAINABILITY
SCHOOL

BRONZE

SUPPLY CHAIN SUSTAINABILITY
SCHOOL

SUPPLY CHAIN SUSTAINABILITY
SCHOOL

PARTNER

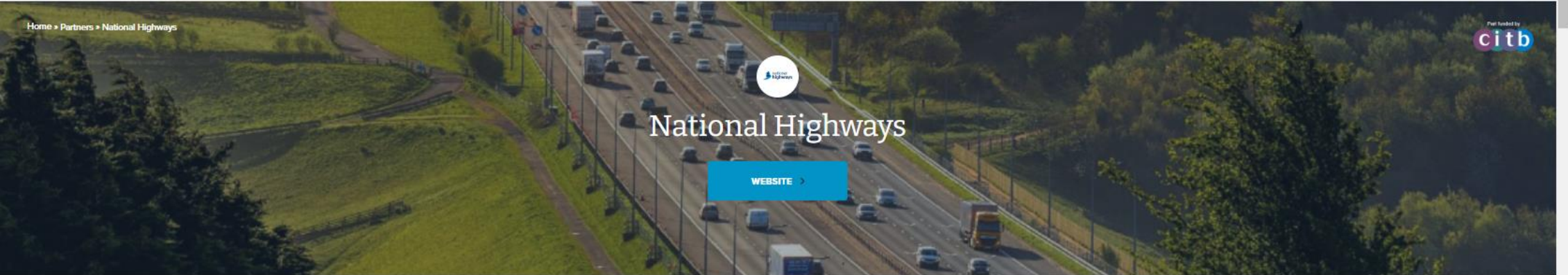


SILVER

SUPPLY CHAIN SUSTAINABILITY
SCHOOL

GOLD

SUPPLY CHAIN SUSTAINABILITY
SCHOOL



National Highways logo and 'VISIT OUR WEBSITE FOR MORE ABOUT OUR WORK' button

We are the government company charged with operating, maintaining and improving England's motorways and major A roads. Our road network totals around 4,300 miles – carrying a third of all traffic by mileage and two thirds of all heavy goods traffic.

We work to provide free-flowing, safe, serviceable, accessible, and integrated roads. Our network helps drive economic growth across the country, creating jobs, supporting businesses, and opening areas for development.

We are committed to cutting our carbon footprint, and fully support government's drive to achieve net-zero carbon by 2050. Access the new National Highways Carbon Hub here (Note this is a sharepoint file and you will need to follow multifactor authentication and then request access to the hub) The hub includes: the Carbon Management System, Low Carbon Opportunity Register and supporting resources and a link to the Carbon Emissions Calculations Tool. For more information or any help with access to the hub email carbon@nationalhighways.co.uk.

As a responsible road operator, we recognise that, while roads are essential for society and the economy, their use does present environmental challenges. Therefore we avoid or reduce adverse environmental impacts wherever possible.

As one of England's largest landowners, we are proud of the work we do to look after the wildlife that lives alongside our network, and to protect and improve the environment for future generations. We aim to achieve no net loss of biodiversity across all our activities.

In May 2023, we launched our Environmental Sustainability Strategy to deliver a more sustainable road network to protect and enhance the environment over the next three decades focusing on three key areas: the protection and enhancement of nature, carbon reduction and support for community health and wellbeing.

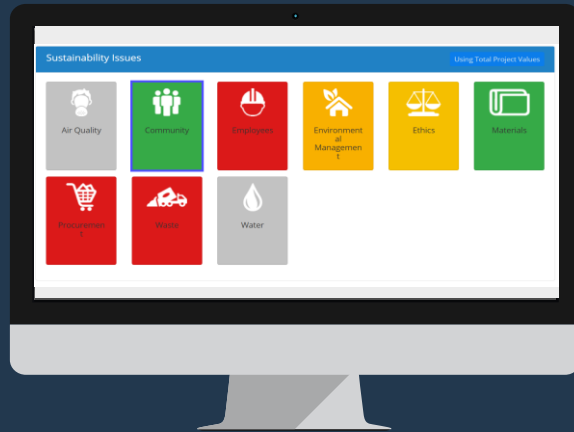
RDP Training Sessions

	RDP Workshops/Webinars	Event Type
Thurs 23 Feb 09.30-12.30	Understanding Offsite for Project Managers / Production Mindset	Workshop
Mon 20 March 09.30-13.00	Lean Awareness Workshop	Workshop - In person
23 March 09.30-12.30	Leading Digital Change: Driving Behaviours & Cultural Alignment	Workshop
18 April 10.00-11.30	PAS2080: Managing Carbon in Infrastructure	Webinar
18 May 09.30-12.30	FIR: Inclusive Recruitment	Workshop
2 June 12:00-13:00	NH Friday Focus - Session 1: Introduction to the Supply Chain School Fundamentals	Lunch n Learn workshop
8 June 09.30-13.00	Due Diligence in Modern Slavery	Workshop
21 June 10:00 - 12:00	Waste, Resource Efficiency and the Circular Economy (include REM)	Workshop
7 July 12.00-13:00	Friday Focus Session 2: Supplier Development System	Webinar
4 August 12.00-13.00	Friday Focus Session 3: Social Value	Webinar
18 July 2023 09.30-12.30	Improving Digital Leadership Skills (and overview of cultural factors)	Workshop
17 August 09.00-16.30	Meet the Buyer 2023	MEET THE BUYER Virtual Event
28 September 10.00-12.00	Biodiversity: Ensuring Net Positive Gains	Workshop 2hr 1-3pm
13 Sept 10.00-12.00	Using Lean for Problem Solving and Continuous Improvement	Workshop 2 hrs 10-12
Sept/Oct tbc	Carbon Science Based Targets	Workshop
September tbc	How To Develop A Wellbeing Strategy That Works	Webinar
5 -Oct 10:00-12:00	Nudge Theory: Improving Sustainability using Behavioural Science	Workshop
Nov - tbc	Low Carbon Innovation	Webinar
Dec - tbc	Social Value	Workshop

National Highways Learning Pathways

National Highways Learning Pathways (31/5/23)		
	Enrolled	Completed
Sustainability and Net Zero	403	349
Core 1	467	200
Core 2	250	59
Supplier Development System - Company	174	49
Customer Experience - Strategic Procurement	11	3
Customer Experience - Roadworks	11	3
Customer Experience - Supplier Customer Maturity	10	4
FIR Pathway Level 1	1567	949
FIR Pathway Level 2	145	100
Social Value 1 Pathway	58	25
Social Value 2 Pathway	36	13
Quality for Highways	NEW	
Total (all Pathways)	3132	1754

SOCIAL VALUE TOOL – MANAGING IMPACT



- Using the Tool we can monitor & report our Social Value impact across all frameworks and major projects
- The tool is cloud based and manages large data sets, moving away from excel spreadsheets
- Enables Supply Chain to align and contribute to the National Highways Social Value Plan

Test Scheme → Test Supplier → Test Supplier Reporting
Reporting period 1st Jul 22 to 30th Sep 22

Economic Prosperity ▲ Equality, Diversity and Inclusion ▲ Community Wellbeing ▲

Metric	Units	Value	Comments	N/A
Number of full-time equivalent employment opportunities, within your direct employees, supported under the contract*	Number			☐
Number of national Skills Academy for Construction roles (excluding apprenticeships)*	Number			☐
Number of weeks of apprenticeships (excluding National Skills Academy for Construction roles)*	Weeks			☐
Number of apprenticeships completed (excluding National Skills Academy for Construction roles)*	Number			☐
Number of hours dedicated to educational/career engagement events (excluding work placements)*	Hours			☐
Number of weeks of work placements*	Weeks			☐
Number of hours of accredited training delivered*	Hours			☐
Number of registered qualifications gained*	Number			☐
£ value of contract opportunities awarded under the contract (start-ups and micro)*	GBP (£)			☐
£ value of contract opportunities awarded under the contract (Small and Medium Enterprises)*	GBP (£)			☐
£ value of contract opportunities awarded under the contract (Voluntary organisations, Charities, Social Enterprises and mutuals)*	GBP (£)			☐
Number of local employees (full-time equivalent) on contract*	Number			☐
Number of long-term unemployed (>12 months) (full-time equivalent), excluding Not in Employment Education or Training (NEETs), working on a scheme*	Number			☐
Number of employees not in Employment Education or Training (full-time equivalent) working on a scheme*	Number			☐
Number of people 'other new to the industry' (full-time equivalent) working on a scheme*	Number			☐

Export report metrics



SUPPLIER DEVELOPMENT SYSTEM

Working together to improve our performance against our six strategic priorities



Supplier assessment

Supplier benchmarks

Action planning

Online learning

Find out more [here](https://www.supplychainschool.co.uk/partners/national-highways/supplier-development-system/):

<https://www.supplychainschool.co.uk/partners/national-highways/supplier-development-system/>





Introducing: Supply Chain Sustainability School

Andrew Wilson
Programmes Manager
Supply Chain Sustainability School
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2 June 2023