

## Challenges:



The infrastructure sector is estimated to be responsible for 120m tonnes of construction, demolition, and excavation waste in the UK every year. This challenge represents a significant opportunity

for RSS Infrastructure Ltd (RSSI) to work alongside the Supply Chain Sustainability School to reinforce its commitment to reducing the impact both the industry and the business has on the environment through its target of ZERO waste by 2025.

## Impact:

The Supply Chain Sustainability School has provided RSSI with an abundance of e-learning modules, training sessions, and supporting resources tailored to the infrastructure sector, which has enabled the business to achieve the following:



**Awards:** Through the implementation of the Supply Chain Sustainability School's resources, RSSI has attained a series of accolades/accreditations that include Network Rail (NR) - 'SME of the Year,' 'Safety and Security Excellence' Award at the Rail Business Awards, 'Safecontractor,' and 'Constructionline' Gold' as well as named in the 'Innovation50' report as one of the West Midlands most innovative companies.

**Sustainability Champions:** Modules such as 'Introduction to Sustainable Construction' led to RSSI creating a mobile application that reduces CO2 emissions through the reduced use of paper. The mobile application allows real-time submission of Safe Work Packs (SSOW, which generates circa 50 pages per SSOW), Timesheets, Close Calls, Safety Briefs, Site Inspections, Risk Assessments, Vehicle Inspection and End of Shift Reports.

**Anti-Slavery and Ethical Employment Champions:** RSSI's strategy is based on the lessons learnt from attending the Supply Chain Sustainability School webinar, 'Due Diligence in Combatting Modern

## Fact box



### Company

RSS Infrastructure Ltd

### No of employees

157

### HQ

Aston, Birmingham

### Website

[www.rssinfrastructure.com](http://www.rssinfrastructure.com)

### Main contact

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### Services

Integrated infrastructure

### About

To ensure teams can deliver a comprehensive service, RSSI Infrastructure have developed a range of services that includes Construction & Civils, Magnetic Track Safety Solutions, Overhead Line Electrification, Possession Planning, Safety-Critical Resource, Signalling, Track Warning Services, Vegetation Management, and Welding.

Slavery'. This training session provided RSSI with the underpinning knowledge needed to conduct a gap analysis of its policies/procedures and understand the necessity of risk assessing its supply chain.

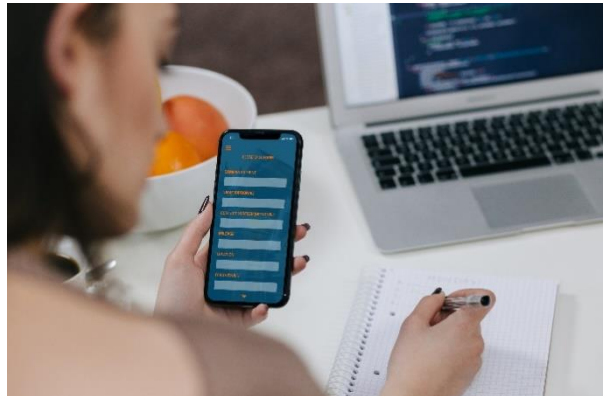
**Modern Slavery Statement:** The resources provided by the Supply Chain Sustainability School led to RSSI developing a Modern Slavery Statement that is routinely communicated through initial inductions, monthly team meetings, toolbox talks, and training. Moreover, RSSI holds monthly supplier engagement meetings to communicate best practices, highlight risks and identify mitigations.

**Managing Driver Fatigue:** After attending the Supply Chain Sustainability School's "Overcoming Compliance Fatigue" training session, along with accessing the "WGBC Health & Wellbeing Framework", RSSI decided to integrate the 'Driver Awareness Warning Systems' into the entire fleet used for transporting safety-critical personnel to assist in the fatigue monitoring process.

## Value gained:

**Collaboration:** RSSI works collaboratively with suppliers to integrate the guidance provided by the School which in turn has helped to encourage wider industry adoption of key sustainability practices designed to achieve the UK Government's carbon-emission targets.

**Being safer to the environment:** Through the Energy and Carbon resources provided by the School, RSSI has altered its operational strategy to include ultra-low sulphur fuels, as well as install vehicle charging facilities and utilise electric/battery-powered equipment, where practicable, to reduce emissions further. To enhance its commitment to sustainable resources, the project delivery teams invested in site lighting, which uses only 66% of the power needed for equivalent fluorescent lighting resulting in fewer generators required and greater fuel efficiency.



**Onsite Training Facility:** The above learning culminated in RSSI's affiliated NSAR 'Gold' accredited training company, INFRA Skills Ltd (IFS), investing in a dedicated training centre to provide learners with a safe environment from which to gain essential track experience and apply the skills/knowledge they have learned. Previously learners were transported to off-site locations to receive additional training, whereas this solution will help reduce carbon emissions further.

**Waste Reduction:** The resources contained within the School's "Waste and Resource Efficiency" module provided RSSI with the underpinning knowledge needed to develop a 'Site Waste Management Plan' to help achieve ZERO waste. As part of each project plan, teams continually recycle all material where possible.

## Future proofing:

RSSI would like the School to increase the number of resources available on crucial and current issues relating to the infrastructure sector to help businesses leave a lasting legacy that supports communities and the environment. RSSI believes that more interactive sessions, with opportunities to network online and face to face (post-COVID), will help the organisation to communicate with like-minded businesses whose visions align with RSSI's.