

Challenges:

Operating as a specialist construction logistics provider, Avondale Construction Ltd faces several industry wide challenges linked to sustainability performance.

Environmental impact of vehicle movements

As a business heavily involved in traffic management and the coordination of deliveries, Avondale Construction Ltd recognised its influence on Scope 3 emissions, congestion, vehicle idling and local air quality.

Influencing sustainable practices on client controlled sites

As with many supply chain partners, teams often operate within Tier 1 contractor systems and processes. This requires identifying ways to positively contribute to sustainability performance even when direct control is limited.

Workforce engagement and consistent standards across sites

With teams deployed across multiple projects, maintaining consistent training, engagement and behavioural standards around sustainability presented a key challenge.

Need for clear benchmarking and structured learning

To drive improvement, Avondale Construction Ltd required a recognised and reliable framework to benchmark sustainability maturity and identify targeted improvement actions. The Supply Chain Sustainability School was identified as a high impact resource for improving knowledge, supporting staff competence and aligning with client expectations.

Impact:

Since joining the Supply Chain Sustainability School, Avondale Construction Ltd has embedded learning tools, assessments and resources into both business strategy and day to day site operations.

Cross-department sustainability assessment

An internal working group was established, including head office and site-based team members from multiple projects, to jointly complete the School's sustainability assessment. This provided an honest benchmark of current performance, clear visibility of gaps relating to carbon, waste, procurement and social value, and a tailored Action Plan to inform the improvement roadmap. This process remains ongoing.

Operational improvements through the Action Plan

Following the assessment, several initiatives were implemented, including carbon efficient delivery management through consolidated loads, reduced peak time movements and stricter idling controls,

Fact box



Company

Avondale Construction Ltd

No of employees

250+

HQ

London

Website

www.avondale-construction.co.uk

Main contact

Bruno Tiosso,
bruno.tiosso@avondale-construction.co.uk

Services

Pre-construction, principal contracting, general logistics, security, turnkey welfare and offices, and facilities management

About

Avondale Construction Ltd is a UK based specialist construction logistics partner for Tier 1 contractors, delivering safe, compliant and efficient site logistics solutions in complex urban environments. Services include traffic management, temporary works support, material flow planning and site resourcing, with a strong focus on operational excellence and collaboration.

promotion of green travel initiatives, improved waste segregation and briefing procedures, reduction of paper and single use consumables, and delivery of carbon awareness toolbox talks as part of monthly site briefings.

Upskilling the workforce

Teams, including students on work experience placements, regularly complete Supply Chain Sustainability School e-learning modules covering fairness, inclusion and respect, environmental awareness, modern slavery, responsible procurement, carbon fundamentals and logistics specific sustainability topics. This has improved competence, professionalism and client satisfaction.

Strengthening client collaboration

Sustainability insights and lessons learned are actively shared with Tier 1 partners, supporting improved material movement planning, reduced congestion at site interfaces, enhanced reporting on waste and carbon, and stronger alignment with client ESG requirements.

Internal systems and accreditation

Guided by the Action Plan, Avondale Construction Ltd has enhanced management systems, progressing towards ISO 14001 alignment, developing a Sustainability and Social Value Strategy, and embedding Supply Chain Sustainability School resources into induction and training programmes.

Value gained:

Competitive advantage

Membership demonstrates a clear commitment to continuous improvement, decarbonisation and responsible site operations, supporting success in tenders and framework opportunities.

Improved operational efficiency

Changes to waste management, delivery coordination and fuel use have delivered measurable cost savings and more efficient site processes.

Enhanced workforce capability

Access to the Supply Chain Sustainability School training library has strengthened knowledge, confidence and behaviours across operatives and supervisors.

Better client engagement

Using shared language and frameworks from the School has improved communication and collaboration with Tier 1 contractors.

Visibility and reputation

Membership is actively promoted across marketing materials, tender submissions, internal documents and social channels, with positive feedback from clients recognising Avondale Construction Ltd's commitment to sustainable construction logistics.

Future proofing:

Avondale Construction Ltd plans to continue using the Supply Chain Sustainability School to strengthen workforce capability, embed consistent sustainability standards across all projects, and support alignment with evolving client and regulatory requirements. Ongoing engagement will help drive continuous improvement, enhance collaboration with Tier 1 partners, and support long term delivery of low impact construction logistics.