

Challenges:

Quattro Plant Senior Management team are directly responsible for sustainability focus.

We look at waste recycling and fleet lifecycle as one of the biggest challenges for the company around sustainability and have several initiatives in place including:

- A Knowledge Transfer Partnership with Innovate UK and the University of Exeter, is underway, with a graduate engineer seconded to our Newton Abbott R&D Centre on a 2-year project to investigate, design and arrange manufacture of a hybrid drive chain for our OTP fleet.
- We are currently investigating ways to try and reduce the number of tyre disposals.
- Predictive maintenance and oil sampling to determine engine and gearbox metallic contaminants which identifies potential component failure
- Improved waste management with a target of 95% recycled waste (Since the start of the calendar year we have now successfully diverted circa 92% of the 150 tonnes company waste away from landfill, which has pleased and surprised us in equal measures)
- Using the Manchester Depot (highlighted by the ISO 14001 auditor) as a benchmark for all other depots in terms of the removal of hazardous waste
- An aqueous parts washer to replace the previous parts washer that used a solvent to remove the grease, grime and dirt from the parts being cleaned. The new washer uses a non-hazardous detergent and hot water to break down the grime and leave the part clean for reuse.
- A recyclable oily rag system – the new process utilises a dispensing machine from which recycled rags are taken and after use put into a collection hopper at the base of the machine. Once collected the used rags are recycled for further use.

Additionally, Quattro Group recently began a substantial upgrade project of the core fleet, taking the opportunity to enhance the performance of vehicles and continue to meet the changing needs of clients' hire requirements across the UK.

Impact:



to gather ideas and innovation from those who may be more advanced in their approach to sustainability.

- **Cross sector content:** Quattro Plant have attended numerous School events and have found that they are an opportunity to get a multitude of ideas from all industries.
- **Knowledge sharing:** Quattro Plant have also found the School events to be an important medium

Fact box



Company

Quattro Plant

No of employees

500

Turnover

£50M

Website

www.quattroplant.co.uk

Main contacts

Robert Smith, HSE Manager

Services

Plant Hire

About

Quattro Group is an infrastructure specialist, providing professionally operated equipment services to the rail, road and construction industries, nationwide, 24-7.

Built around the core principles of safety, reliability and collaboration, Quattro Group believes that significant investment in both plant and people are vital for ongoing success. Quattro Group solves issues by providing the right machine, with the right operator, in the right place, at the right time.

Quattro Group provides training through the Quattro Occupational Training Academy (QOTA), an associated training academy, to ensure that operators are always fully compliant and up to date with industry safety requirements.

Quattro have published 2 White Papers address issues surrounding the Road Rail Vehicle Market.

- **Networking:** Quattro Plant found the School events to be a useful platform to make contacts within the industry
- **Management led learning:** Several senior managers were involved in Quattro Plant's action plan, which was also an excellent way of reminding the company of its sustainability obligations, which together with the re-assessment process keeps it live and focussed.

Value gained:

- **Social sustainability support:** Quattro Plant have focused a lot of their online learning around the Fairness, Inclusion and Respect programme – including webinars for SMEs and units on flexible working etc
- **Supply chain engagement:** Completing the School's self-assessment has highlighted several sustainability issues which has allowed Quattro Plant to focus their supply chain questionnaires and audits to ask the right questions of their suppliers.
- **Circular economy:** Quattro Plant have carried out a lot of work on recycling and the refurbishment and recycling of their plant and equipment – especially in their work with the University of Exeter.
- **Networking opportunities:** Quattro Plant have found that through the School they have excellent networking opportunities with similar industries.