

Challenges:

Peel Ports, and the wider maritime industry, face many challenges when it comes to sustainability. Ports are busy entities with multiple users, such as shipping lines, hauliers, manufacturers and other site tenants. Peel Ports' challenge is ensuring that the company takes responsibility for managing what they can impact directly to become more sustainable whilst supporting their Port network of users in reaching their own sustainable goals.



An estimated 95% of the world's goods are traded by sea in the UK. As significant hubs for enabling trade, ports have a serious responsibility to reduce carbon emissions, protect the environment, become more diverse and inclusive businesses, and ensure they positively impact the communities and regions where they are based.

Peel Ports has taken this responsibility and challenge seriously. They have invested over £1.2 billion in the last ten years in sustainable infrastructure, technology and people to ensure they address these challenges.

Impact:

Peel Ports Group is the first major Ports Group to make a Net Zero commitment, with its Net Zero 2040 pledge, and is also ahead of UK Government targets. The Supply Chain Sustainability School's valuable learning materials, training and resources, and wider network have helped inform and educate the company and support the delivery of several initiatives.

Initiatives to Tackling challenges: Peel Ports' Innovation Forum looks to solve some of the biggest questions around emissions reduction and energy use. This forum tracks down answers from universities, entrepreneurs and consultants and these are then pitched into Peel Ports, where the company will invest in the best innovation and deploy it at scale.

Energy:

- Peel Ports' £400m investment into the L2 terminal had sustainability at the heart of its design
- Its electric cranes are energy efficient and capable of generating and exporting back to the network
- All physical container movements are optimised to reduce energy consumption
- Lighting across the ports is transitioning to LED, much of which also incorporates controls and sensors, ensuring energy is only used when required

Plant, Equipment & Infrastructure:

Fact box



Company

Peel Ports Group Limited

No of employees

1800

HQ

Port of Liverpool

Website

www.peelports.com

Main contact

James Riddick

Group Head of Supply Chain

James.Riddick@PeelPorts.com

Services

Port Centric Solutions

About

Peel Ports Group is one of the largest port operators in the UK.

Across 7 strategic locations in the UK and Ireland, they safely handle over 70 million tonnes of cargo each year

- 50% of Peel Ports' vehicle fleet is currently electric, with plans to change the remainder by December 2022
- Electric trials of forklift trucks have now started
- Peel Ports' investment into new warehousing pushes their sustainability agenda; waste rain and surface water from roofs are collected to fill up the dock levels
- In the Port of Liverpool alone, Peel Ports has replaced 1m litres of diesel with Hydro Treated Vegetable Oil (HVO), reducing the carbon impact by up to 90% and is looking to trial further green fuels in the future
- Use of tarmacking with recycled asphalt to save 5m tonnes of carbon

Peel Ports has engaged with the School from the inception of its supply chain function two years ago. The use of School assets, resources and learning have helped inform Peel Ports' strategy and approach. This includes the creation of their Innovation Forum, which focuses on embedding new sustainable suppliers, ideas and technology across their Group and helping them find sustainable solutions to the most challenging issues.



Peel Ports has found the breadth and variety of events the School offers, especially the training materials, webinars and workshops, invaluable. These have allowed the company to create training and learning pathways for their supply chain team and the wider business on procurement, sustainability and the built environment.

Benchmarking: Peel Ports has found the assessment process allows them to benchmark themselves against sector and industry peers and create a structured approach to improving people and performance.

Identifying key areas: The company has discovered that, together with the assessments, the structured approach of the action plans has allowed Peel Ports to focus on key areas and ensure that they correctly address any issues or opportunities.

Tracking development: Peel Ports has found the accessibility, quantity and quality of the e-learning modules, together with the assessments, helpful in better monitoring and tracking the learning and development of the team and the wider business in a variety of areas.

Value gained:

Recognition & prestige: Peel Ports has recently received recognition from several industry awards for its work in adopting and supporting sustainable business models. In working with the School, Peel Ports has been better placed to compete for such awards by broadening its knowledge and understanding of sustainability topics and learning from other sectors and best practices, increasing its competitive advantage.

These include:

- Receiving the Green Industry Award by GREEN FLEET for converting their commercial vehicle fleet to electric
- Receiving the prestigious Maritime 2050 award from Maritime UK Awards for seizing the opportunities set out in the Government's maritime 2050 strategy, which focuses on developing a sustainable industry
- Being awarded the Port Operator of the Year accolade in 2021 by UK Ports Directory

- Being the only UK port operator shortlisted for the 'Sustainability Award 2022' by the leading industry event Multimodal

Future proofing:

Peel Ports plans to work with the School to further support their efforts in achieving Net Zero status by 2040. This will mean attending more events held by the School and encouraging their staff to continue learning by accessing the Schools resources.

To reach net-zero status by 2040, Peel Ports wants to promote the School to their supply chain to have a more informed supply chain aligned with the company's goals.