

Challenges:



As the world stands at the threshold of a new industrial revolution, the transition to low carbon manufacturing, the steel industry has the opportunity to provide leadership in the development of green technologies that could make a significant impact towards decarbonisation.

As a responsible company, TATA Steel is intent on making a substantial contribution to sustainable development in the UK to achieve carbon neutrality by 2050. TATA Steel UK Limited's contribution includes:

- Investment in future technologies through partnership and collaborative research in applied science, engineering & technology
- Developing skills and resources required to support the clean growth transition
- A leading position in the South Wales Industrial Cluster, helping companies to co-ordinate their climate change mitigation actions and speak with one voice to UK & Welsh Governments.
- Industrial symbiosis is inherent in the steelmaking process, which has the potential to take low residues from other sectors as raw materials, in turn supplying surplus quantities of low-grade waste heat and the company's residues to other communities and industries.

Impact:

Internal training: The main advantage of the Supply Chain Sustainability School has been the wealth of high-level training and resources which have been used as both stand-alone and supplementary to the company's own developed training programmes and resources. The company has found the e-learning modules to be very useful. Being able to easily access the resources out of business hours has been a considerable individual benefit in self-development.

Networking opportunities: The School has provided fantastic networking opportunities through workshops and Lunch 'n' Learn sessions with like-minded professionals both within and out with the company's normal spectrum of business and especially supported TATA Steel UK Limited's efforts across the last 18-months during the pandemic.

Fact box



Company

TATA Steel UK Limited

No of employees

8000

HQ

Grosvenor Place, London

Website

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Main contact

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Services

Steel producers

About

TATA Steel UK Limited are one of the leading steel producers making high-quality steel strip products for the construction, automotive, packaging and engineering markets. They are manufacturers and suppliers of an extensive range of structural and building envelope construction products.

Benchmarking knowledge: TATA Steel UK Limited has found the assessment process to be thought-provoking and challenging. The process helps the company to question their business development and is an excellent way to benchmark their sustainability knowledge.

Value gained:

Tenders: As a large enterprise business, TATA Steel UK Limited regularly engages with its supply chains and has observed the importance of School membership now being widely recognised in the PQQ and tender process for many major capital projects.

Sustainability goals: Long-term sustainability will not be achieved simply by meeting a 2050 target for decarbonisation. A positive legacy for the planet requires much more, which is why the company's Shotton site, utilising the School's resources, is working across four different, but equally important, sustainability themes as part of its overall long term sustainability commitment. Carbon footprint reduction is one of those principles, with the other three being sustainable products and services to support sustainable construction, biodiversity protection, and material efficiency.



Sustainability awareness: The company has found the School's resources invaluable in growing their understanding of the wider sustainability issues affecting the construction industry. Company staff have gained a better appreciation of the benefits of product passports, material circularity, and environmental product declarations. The School has helped to embolden their views on the importance of MMC and DfMA as the future for the construction sector in the UK.

Future proofing:

The company's initial engagement with the School has been via TATA Steel UK Limited's business development teams. A wider roll-out across multiple disciplines such as sales, customer services, and production is the intent, in order to drive a greater employee engagement with the School resources and increase the knowledge base of the company's personnel.