

Measuring carbon footprint is crucial toward reducing carbon emissions

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Insight from Dr Maurizio Bragagni OBE, CEO of Tratos Ltd

As the climate change crisis remains a serious threat to human development progress, it requires all stakeholders to be decisive in adopting policies and take bold action to address it. The past and ongoing global challenges in social and economic development have highlighted the importance of promoting a “green recovery”.

Tratos believes that the first step to promoting sustainable development and reducing the burden on the environment is to become aware of the level of emission that a company itself brings into the environment with its products. Indeed, by measuring its carbon emissions, a company starts building a proper understanding of its environmental impact.

A ground-breaker in developing new and **greener cable solutions** for a range of industries from ports and marine to rail and mass transit, Tratos partnered with AENOR to develop new technology to help companies more than two years ago to measure and manage their carbon footprint.

Tratos has measured all the emissions produced by all its cables during their life cycles to have an overview of the level of emissions produced by the company and to understand how to reduce those

emissions. While measuring the impact of its cables, Tratos realised the importance of proximity and location of end-users of the product. Indeed, Tratos' analysis revealed that transportation could massively increase CO2 emissions; therefore, if a company would like to be sustainable and promote sustainability, certainly, products sold or bought by the company must be as close as possible to the production site.

Despite ongoing and severe global disruptions, 2022 marked another successful year for the advanced technology cable maker Tratos, which continues to deliver the 5-year framework contract with Network Rail for a range of enhanced unarmoured signalling power cables successfully.

This contract marked a significant milestone for Tratos, as Rail is a core sector among its clients. As a company focused on innovation and quality, with a particular strength, as well as a proven track record in the rail sector, getting the Network Rail approval is a highly praised achievement.

Looking forward to boosting the partnership with Network Rail, Tratos UK Ltd CEO and Chairman, Dr **Maurizio Bragagni** OBE, said: "We are unusual in the cable industry – in what we do, in the way we do it and in the way our company operates. We are in the business of solving problems and creating solutions that contribute to a cleaner and environmentally friendly way of keeping the world's mass transit industries moving. Once again, I would like to commend Network Rail's particularly enlightened thinking in providing this opportunity to an innovation-led manufacturing engineering company like Tratos".

In response to the pandemic events, supply chain crisis and high volatility of raw material prices, Tratos Group have put in place specific measures to mitigate the potential disruptions of its operations. Indeed, Tratos has taken steps years in advance to secure its diverse and reliable supply chain. A long time ago, Tratos started increasing energy efficiency in all its sites and offices and **reducing carbon emissions**. In addition to having used its own water plant energy generation since 1980 and being proud of the fact that in all its processes, the water (thanks to a closed circuit) has always been reused inside the factory constantly, Tratos has recently significantly improved its independent power generation capacity by installing solar panels. Solar energy generation contributes to the supply of about 30% of the total energy used by Tratos Group.

Tratos remains much committed to its contracts with the UK utilities. According to Dr Maurizio Bragagni OBE, "Tratos' strong commitment to the UK utility market is demonstrated through significant past and current infrastructure investments in Tratos facilities in Italy and the UK. "

In addition to bespoke cables for Network Rail, Tratos develops and manufactures advanced technology cables for applications including defence; aviation; electric vehicles, ports and maritime; highways; Rail and mass transit; construction; oil and gas; green energy, wind power and nuclear fusion; power transmission and communications.

If you need any further **information** on **Tratos**, click [here](#).