Epsilon Carbon's 4th Sustainability Report Highlights Energy and Emission Breakthroughs

Achieves Key ESG Goals with Reductions in GHG Emissions, Water Usage, and Energy Intensity

10th January 2025, India: Epsilon Carbon Pvt. Ltd., a leading global manufacturer of carbon black & specialty carbon has reaffirmed its commitment to sustainability with the release of its 4th annual Sustainability Report. The report highlights the company's alignment with Environmental, Social, and Governance (ESG) principles and its contribution to the United Nations Sustainable Development Goals (SDGs).

The report highlights several key achievements during FY 2023-24, including generating 11% of energy from waste recovery processes, demonstrating the company's dedication to innovation and resource efficiency. Epsilon Carbon reduced its greenhouse gas (GHG) emission intensity by 10%, energy intensity by 3.3%, and water use intensity by 6% compared to FY 2022-23. The implementation of a waste heat recovery plant and process optimizations resulted in a 15.7% reduction in Scope 1 emissions and a 14% reduction in Scope 2 emissions, emphasizes the company's commitment to minimizing its environmental footprint.

On the social front, Epsilon Carbon reached over four lakh beneficiaries through corporate social responsibility (CSR) programs focused on education, healthcare, clean drinking water, and public infrastructure. These initiatives positively impacted the lives of more than 200,000 individuals. The company maintained a zero-loss time injury rate, reflecting its robust safety culture, while employees benefited from an average of 22.3 hours of training annually, showcasing a focus on continuous development and employee well-being.

Focusing on carbon-to-carbon black conversion, emissions reduction, and energy recovery, Epsilon Carbon leads responsibly in environmental sustainability, by reducing its carbon footprint aligned with the United Nations Sustainable Development Goals (SDGs). The company also launched the DART Program, a digital initiative aimed at enhancing environmental and operational efficiencies through technological innovation.

Releasing the Epsilon Carbon's Sustainability Report 2023-2024, **Vikram Handa, Managing Director of Epsilon Carbon**, said, "As responsible leaders in the chemical industry, we recognize the importance of sustainability at the core of our operations. Our vision aligns with global environmental priorities, emphasizing continuous improvement across processes, people, and products. This report reflects our commitment to sustainable innovation, contributing to India's ambitious goal of achieving Net Zero emissions by 2070. By enhancing operational efficiency, reducing environmental impacts, and uplifting communities, we aim to create value for all stakeholders."

Looking ahead, Epsilon Carbon is ready for growth with ambitious plans to expand its carbon black production capacity to 215,000 metric tons by January 2025. These initiatives show company's commitment to building a resilient, eco-conscious future while maintaining its status as a sustainability pioneer.

About Epsilon Carbon

Epsilon Carbon, established in 2017, is a leading global player in the carbon industry, committed to delivering innovative and sustainable solutions. With manufacturing operations in Karnataka, Chhattisgarh, and Odisha, it is one of the largest exporters of specialty carbon & carbon black globally. Its carbon black facility has an annual capacity of 115,000 metric tons, while the specialty carbon facility has a capacity of 320,000 TPA. It caters to diverse sectors like aluminium, carbon black, tyres and mechanical rubber goods, graphite, specialty and construction chemicals, dyes, and pigments etc. Epsilon operations has achieved 100% backward integration, utilizing captive feedstock and raw materials from the steel industry. With a Zero Liquid Discharge system, reuses 100% of treated wastewater onsite and 100% of its energy needs are met through recovered waste gases. For more details: www.epsiloncarbon.com