

Epsilon Carbon advances Scope 3 emissions framework to strengthen climate action across its value chain

Company expands measurement of value chain emissions in line with the GHG Protocol, with focus on supplier engagement, data quality and future reduction initiatives

Mumbai, 23rd September 2026: Epsilon Carbon Pvt. Ltd. (ECPL), a leading global manufacturer of specialty carbon and carbon black products, has advanced the measurement and management of Scope 3 emissions across its value chain, expanding its emissions accounting beyond direct operations.

The initiative covers Epsilon Carbon's existing business operations at its integrated carbon complex in Vijayanagar, Karnataka, which has a production capacity of 500,000 tons per annum (TPA) of Specialty Carbon and 215,000 TPA of Carbon Black. The Vijayanagar complex brings together the company's carbon manufacturing operations and energy circularity initiatives within an integrated manufacturing ecosystem.

In line with the GHG Protocol, Epsilon Carbon has assessed the Scope 3 categories relevant to its operations to account for material and applicable sources of value chain emissions in accordance with the protocol's guidelines.

Scope 3 emissions cover indirect emissions generated across a company's value chain such as purchased goods and services, transportation, business activities and the downstream use of products, wherever applicable. The assessment provides Epsilon Carbon with greater visibility into emissions outside its direct operations and establishes a basis for identifying reduction opportunities across the value chain.

The Scope 3 program is built on Epsilon Carbon's ongoing work on operational emissions and energy efficiency. Company had reported a 98% reduction in Scope 2 emissions compared to baseline year, supported by its 17 MW captive power plant that uses waste heat from carbon black operations, a 6% reduction in energy consumption intensity compared with its baseline year, while 77% of its energy requirements were met through waste heat recovery with avoiding more than 89,000 tons of CO₂ emissions during the reporting period.

Epsilon Carbon is now focusing on supplier engagement, improving the quality and transparency of emissions data, and integrating circularity and resource-efficiency considerations across its value chain. The company is also aligning its emissions disclosures with globally accepted sustainability reporting frameworks and practices.

Mr. Vikram Handa, Managing Director, Epsilon Carbon, said, *"Meaningful climate action requires us to look beyond the boundaries of our operations and understand the impact of the entire value chain. Scope 3 measurement gives us greater visibility into the emissions and enables deeper engagement with our partners and suppliers. Building this visibility will help us make more informed decisions as we scale our operations and advance our decarbonization plans."*

The Scope 3 framework will enable Epsilon Carbon to track value chain emissions more consistently, strengthen supplier-level engagement and develop future emissions-reduction initiatives based on measurable data.

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 and carbon black globally. Its carbon black facility has an annual capacity of 215,000 metric tons, while its specialty carbon facility has a capacity of 600,000 metric tons. The company caters to diverse sectors including aluminium, tyres and mechanical rubber goods, graphite, specialty and construction chemicals, and dyes and pigments, among others.

Epsilon Carbon's operations have achieved 100% backward integration, utilizing captive feedstock and raw materials from the steel industry. With a Zero Liquid Discharge system, the company reuses 100% of treated wastewater onsite, and 100% of its energy needs are met through a captive power plant operating on recovered waste gases.

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