

Epsilon Carbon Rolls Out LNG Tankers to Decarbonize its Raw Material Supply Chain

- *Epsilon becomes the pioneer in Indian Coal Tar industry to implement LNG tankers in its raw materials procurement process*
- *Will help reduce Scope 3 emissions for Epsilon through lower inbound logistics footprint*
- *Had introduced LNG containers in July for Carbon Black logistics to their customers*

20th August 2025, India: Epsilon Carbon Pvt. Ltd., a leading global producer of carbon black and specialty carbon products, has launched a dedicated fleet of eight LNG (Liquefied Natural Gas) powered tanker trucks, marking a milestone in its transition to sustainable and energy-efficient logistics. Designed for the critical freight of its raw material Coal Tar, the fleet will substantially cut logistics-related emissions while improving supply chain efficiency and reliability.

Epsilon already have introduced electric trucks in 2023 and LNG containers last month, the LNG-powered tankers, represents a landmark initiative to decarbonize inbound freight and their efforts towards net zero future. These initiatives will significantly reduce Scope 3 emissions while boosting fuel efficiency and lowering long-term operating costs. By integrating both LNG and electric mobility solutions, Epsilon is building a diversified low-carbon logistics model and setting a new benchmark for sustainability in the Indian carbon industry.

Vikram Handa, Managing Director, Epsilon Carbon, said, “Road logistics is central to India’s economy, and as one of the largest players in our sector, we recognize the responsibility to make it cleaner and more efficient. At Epsilon Carbon, sustainability is core of how we operate and grow. The introduction of our LNG-powered tankers is a transformative step in advancing raw material logistics, reducing emissions, and driving long-term value for our stakeholders. With this initiative, we are not just keeping pace with environmental expectations but are setting new standards for sustainable freight movement and contributing meaningfully to India’s Net Zero 2070 journey.”

Compared to conventional diesel trucks, these advanced LNG tankers will offer significant CO₂ emission reduction by 20–25%, up to 90% less nitrogen oxides (NO_x), and nearly 100% fewer particulate matter (PM) emissions. Furthermore, LNG trucks typically achieve 5–10% better fuel efficiency, leading to optimized fuel consumption and long-term operational cost benefits. This strategic shift strengthens Epsilon’s sustainability performance and proactively supports compliance with evolving environmental regulations and growing customer expectations.

Each LNG tanker boasts an impressive operational range of approximately 730 kilometers, making it exceptionally well-suited for efficient Coal Tar transportation. Epsilon strategically plans to progressively introduce additional LNG tanker fleets, driven by evolving and optimized capacity utilization for a sustainable ecosystem. This meticulously phased approach not only offers unparalleled operational flexibility but also profoundly strengthens the company's unwavering commitment to decarbonizing logistics on a significant, industry-leading scale.

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 215,000 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
