

## **Epsilon Carbon Launches LNG- Powered Container Fleet for Carbon Black Freight for its Tyre Customers**

- To reduce CO<sub>2</sub> emissions by 25%, NO<sub>x</sub> by 90% and PM emissions by 100%
- Will help reduce Scope 3 emission of Epsilon & tyre companies

**23<sup>rd</sup> July 2025, India:** Epsilon Carbon Pvt. Ltd., a leading global producer of carbon black, has launched a dedicated fleet of six LNG (Liquified Natural Gas) powered container trucks marking a significant milestone in its journey toward sustainable and energy-efficient logistics. Introduced for carbon black freight to key tyre customers, the fleet aims to reduce logistics-led emissions while enhancing overall supply chain efficiency.

Compared to conventional diesel trucks, LNG containers will offer significant CO<sub>2</sub> emission reduction by 20–25% & up to 90% less nitrogen oxides (NO<sub>x</sub>), and ~100% fewer particulate matter (PM) emissions. In addition, LNG trucks typically achieve 5–10% better fuel efficiency, leading to lower fuel consumption and long-term cost benefits. This further strengthens the sustainability credentials of tyre companies, while supporting compliance with evolving environmental regulations and customer expectations.

The adoption of LNG-powered fleet also contributes directly to Scope 3 emission reductions for Epsilon and its tyre customers. As downstream emissions fall under Scope 3, this initiative enables customers to include these sustainability gains in their own environmental reporting and carbon accounting. It reflects Epsilon's growing focus on value chain decarbonization and collaborative climate action.

**Vikram Handa, Managing Director, Epsilon Carbon, said,** “India’s road logistics sector moves nearly 70% of domestic freight and plays a critical role in the economy. We believe the future of logistics must be both efficient and environmentally responsible. As a leader in the chemical industry, we are committed to reducing our environmental footprint. The launch of our LNG-powered fleet is a step towards cleaner, smarter freight movement and reflects our continued support for India’s Net Zero goals by 2070.”

Each truck in the fleet has an operational range of approximately 500 kilometers, making it well-suited for medium- and long-haul carbon black transportation. Epsilon plans to introduce more LNG container fleet based on customer demand & capacity utilization. This phased approach offers greater flexibility and strengthens the company’s commitment to decarbonizing logistics on a large scale.



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](http://www.epsiloncarbon.com)

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