

Laneshift-India Zero Emission Freight Project

 Transportation & Logistics

 India

Quick Overview

Decarbonize freight trucks in developing countries with Laneshift, an initiative that's laying the groundwork to help catalyze the transition to lower tailpipe emissions. This project involves:

- Demonstrating the viability of long-distance electric vehicle (EV) freight trucks through six months of on-the-ground route testing between Chennai and Bengaluru by shippers and carriers from October '24 to March '25.
- Advancing the deployment of EV freight trucks and corresponding charging infrastructure.
- Co-creating business incentives for long-term investment.
- Developing a replicable, scalable approach to EV highways across India.

Why This Project Matters

- Road freight emitted more than 2.2 billion tons of carbon globally in 2020.
- In 2019, the World Economic Forum projected a 36% increase in the number of freight vehicles on the road by 2030, which is expected to create a 30% increase in the sector's carbon emissions levels if action is not taken.
- In India, trucks represent only about 3% of on-road vehicles but they are responsible for about 34% of carbon emissions and 53% of particulate-matter emissions in the transport sector.
- Road freight also accounts for over 25% of India's annual oil import cost and is expected to grow by more than four times by 2050.

Expected Results

Accelerate freight sector decarbonization through:

- Enhanced policies and business-to-business proof points that boost EV freight truck demand and supply.
- A national roadmap for the implementation of EV highway corridors.
- Investments in fleet electrification and charging infrastructure through new financial instruments.
- Long-term reduction in tailpipe carbon emissions.



Companies Committed



Goal

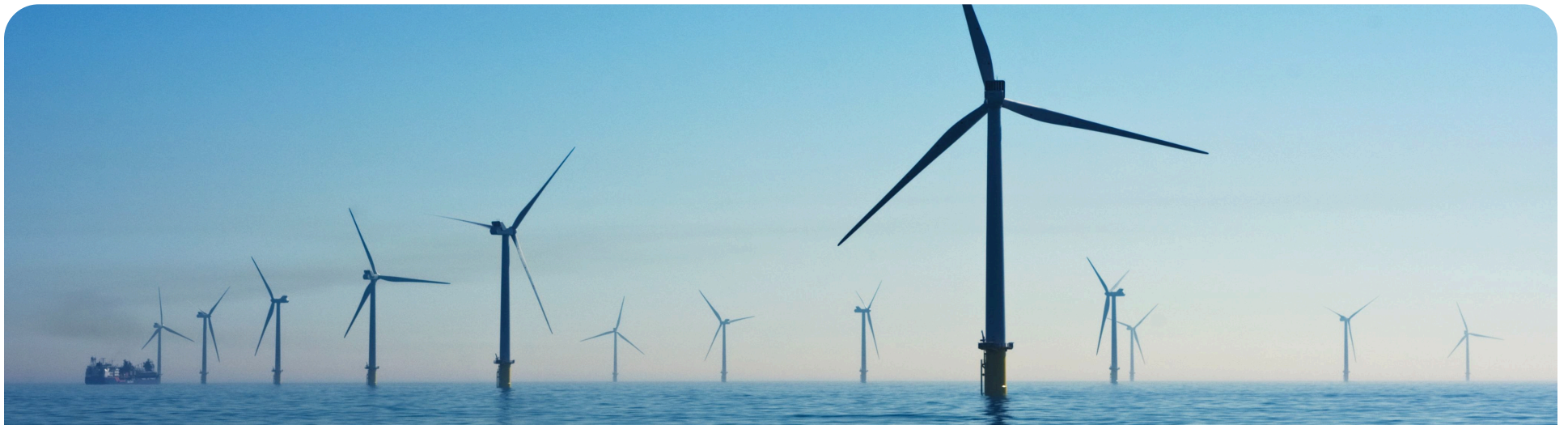
Demonstrate the commercial viability of long-range EV trucking and create a replicable roadmap for how the freight industry can work with cities to accelerate the transition to lower tailpipe emission modes of transportation.



Join This Project

Scan the QR code or visit amzn.to/LaneshiftIndia to let the Pledge team know you are interested in this project. Have questions? Contact us at laneshift@theclimatepledge.com.

Laneshift is calling on original equipment manufacturers, fleet operators, utilities, charging infrastructure providers, financiers, and technology specialists to supply innovative solutions and join the 6-month EV highway route demonstration project (October '24 to March '25).



The Big Picture

The Climate Pledge launched a series of collaborative projects to help tackle some of the planet's biggest climate change challenges alongside the best in the business. These joint action projects bring signatories together to enable and scale a solution that aligns with the pillars of the Pledge and leads to measurable results.

Learn more at theclimatepledge.com/jointaction.



The Pledge

The Climate Pledge is a commitment to reach net-zero carbon emissions by 2040. It brings the world's top companies together to accelerate joint action, cross-sector collaboration, and responsible change.

Learn more at theclimatepledge.com.



C40 Cities

The Climate Pledge and C40 partnered to create Laneshift. C40 is a global network of nearly 100 mayors of the world's leading cities whose mission is to limit global heating to 1.5°C and build healthy, equitable, resilient communities by halving the emissions of its member cities by 2030. Learn more at C40.org.