



Ballard Power Systems has agreed to launch a pilot project to develop a hydrogen fuel cell electric truck (FCET) for mining logistics and transportation with Adani Enterprises and Ashok Leyland.

This collaboration will result in Asia's first hydrogen-powered mining truck. AEL, a company focused on both mining operations and developing green hydrogen projects for sourcing, transporting, and building out hydrogen refuelling infrastructure, will lead the demonstration project.

The FCmove fuel cell engine for the hydrogen truck will be supplied by Ballard, an industry leading PEM fuel cell engine manufacturer, and the vehicle platform and technical support will be provided by Ashok Leyland, one of the world's largest bus manufacturers. The FCET will be introduced in India in 2023.

VinayPrakash, Director, Adani Enterprises and CEO, Adani Natural Resources said, "This pioneering and ambitious green hydrogen project holds a strong promise for India's future energy self-reliance and is consistent with the vision of GautamAdani, Chairman of the Adani Group, of accelerating the use of hydrogen-powered fuel cell technology in the commercial transport system. This experience of handling hydrogen as a fuel for commercial fleet not only prepones the advent of hydrogen technology for the mining and logistics sector in the country but will also enable other businesses to opt for long-term sustainable solutions transitioning fleets in ports, airports and in their industrial operations."

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