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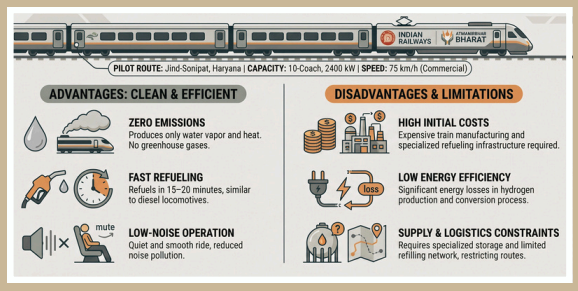
NEWSLETTER

India's First Hydrogen-Powered Train: Leap Towards Sustainable Railways

The Jind-Sonipat hydrogen train pilot in the Haryana state of India is a groundbreaking project that blends innovation with sustainability to pave the way for a cleaner, greener future for Indian Railways is set for launch on 17 July 2026. The Hydrogen for this pilot train is to be supplied from a 1 MW polymer electrolyte membrane (PEM) electrolyser that will be stationed at Jind. The electrolyser remains operational round the clock producing approximately 430 kg/day of hydrogen. The refuelling infrastructure at Jind will also have a 3,000 kg hydrogen storage, hydrogen compressor, and two hydrogen dispensers with pre-cooler integration, allowing for quick refuelling of the trains. The train has 10 coaches including 2 hydrogen driving power cars (DPC) each rated 1200 kW and 8 passenger coaches that can accommodate around 2600 passengers. The train initially operated on 89 km route at a speed of 75 kmph with a design maximum speed of 110 kmph.



Highlight of the Week

The Director of iSGET was competitively selected to participate in the Policy Development & Leadership Programme (PolicyLead) 2026, organized by the Commonwealth Tertiary Education Facility (CTEF) in collaboration with the Higher Education Leadership Academy (AKEPT) and Universiti Utara Malaysia (UUM). During the programme, the team led by the Director was awarded First Prize for its outstanding performance.