

Hydrogen-powered 3-wheeler at Auto Expo

Written by Administrator

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NEW DELHI: The world's first hydrogen-powered three-wheeler, 'HyAlfa', was showcased at the Auto Expo on Monday. Part of a development project dubbed 'DelHy 3w', a fleet of 15 HyAlfa three-wheelers will run on an experimental basis at Pragati Maidan, where a hydrogen refuelling station has also been set up.

India Trade Organisation Promotion (ITPO) will use the vehicles on an experimental basis. The HyAlfa has been developed under a joint project by the United Nations Industrial Development Organisation (UNIDO) International Centre for Hydrogen Energy Technologies (ICHET), Mahindra & Mahindra and IIT-Delhi, with support from the Ministry of New and Renewable Energy. "The aim of this project is to convert vehicles so that they can carry and use hydrogen - a carbon-free fuel - and thus remove all pollutants," Mahindra & Mahindra president (automotive) Pawan Goenka said.

He said the vehicle is not yet ready for commercial production and further fine-tuning will be required before moving in that direction. "Moreover, we also have to look at commercial viability of running a hydrogen-powered three-wheeler as the cost of hydrogen will be around Rs 250 per kg, which is not affordable at all," he said.

Source :bbc.co.uk