

Japanese team in UP to explore opportunities in green hydrogen

Our Bureau

New Delhi

A delegation from Japan's Yamanashi Prefecture is visiting Uttar Pradesh to explore opportunities in advanced green hydrogen technologies, along with transfer and technical support.

The delegation includes officials from the Yamanashi Prefectural government, and various companies including Kanadevia Corporation, a clean energy tech major specialising in green hydrogen production.

The State government has assured the delegation its full assistance in providing policy support, infrastructure facilities and coordination to scale up clean energy initiatives.

The development assumes importance as the Yamanashi University has developed an advanced P2G (Power-to-Gas) hydrogen production system at Mt Yoneshiro, which can help scale up India's green hydrogen production efforts.

NODAL AGENCY

To accelerate adoption of clean energy, the State notified the Uttar Pradesh Green Hydrogen Policy-2024 with the UP New and Renewable Energy Development Agency (UPNEDA) designated as the nodal agency.

UPNEDA will provide single-window coordination, time-bound approvals, and seamless facilitation among industry, academia, and government stakeholders for investors and technology partners from Japan and across the world.

Yamanashi is scheduled to host the International Hydrogen Summit in March 2026, which is expected to bring together global stake-



holders in the green hydrogen value chain. UP also looks forward to continuing collaboration with the Prefecture on global platforms including the Global Green Hydrogen Summit.

PARTNER WITH UP: CM

"Uttar Pradesh invites Japanese partners to view the State not merely as an investment destination, but as a long-term strategic partner in India's green growth journey," UP Chief Minister Yogi Adityanath said on Wednesday.

The delegation expressed keen interest in the UP Green Hydrogen Policy, which includes avenues to deepen collaboration for pilot projects and enabling infrastructure.

According to a recent article by the Mizuho India Japan Study Centre (MIJSC) at IIM Bangalore, Japanese companies lead globally in hydrogen production, delivery, and utilisation technologies.

Japan has committed \$68 billion in investments in India by 2035, with significant portions allocated to clean energy and hydrogen projects.

The electrolyser market opportunity in India is projected to grow from \$4 billion in 2030 to \$78 billion by 2050, representing the highest growth rate among Asian economies, the commentary noted.