

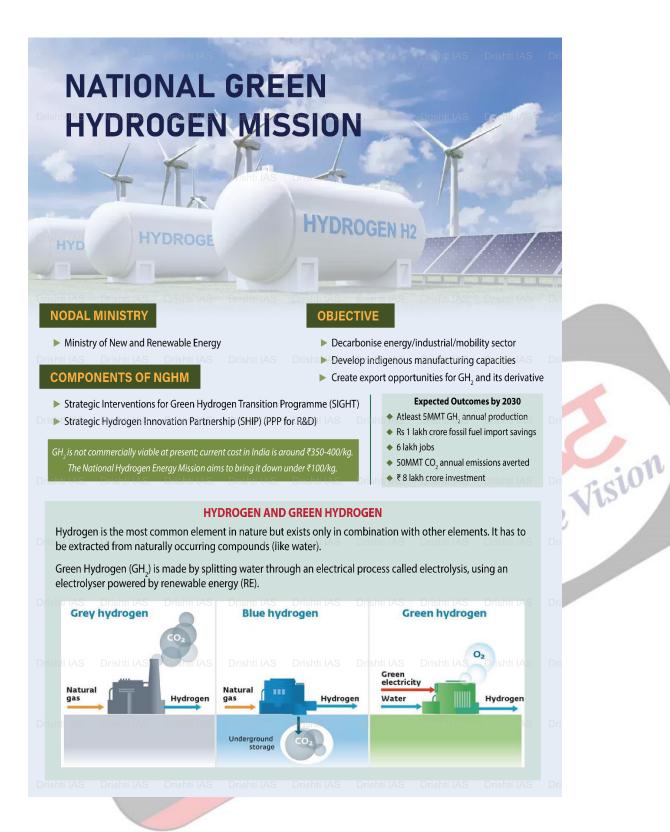
World Hydrogen Summit 2024

Source: PIB

The **Indian Pavilion**, organised by the **Ministry of New and Renewable Energy**, stands as one of the largest at the esteemed **World Hydrogen Summit 2024 in Rotterdam**, **Netherlands**. It serves as a platform to showcase the nation's notable advancements in **green hydrogen**.

- India's Green Hydrogen Initiatives: India launched the <u>National Green Hydrogen Mission</u> (NGHM) in January 2023 with a budget of Rs. 19,744 crores.
 - The mission aims to achieve a green hydrogen production capacity of 5 MMT (Million Metric Tonnes) by 2030. Currently, tenders have been awarded for setting up 412,000 tonnes of Green Hydrogen production capacity and 1,500 MW of electrolyzer manufacturing capacity.
 - Under NGHM a dedicated portal was launched to provide information on the mission and steps for developing the green hydrogen ecosystem in India.
 - India has also released scheme guidelines for the use of <u>Green Hydrogen in steel</u>, transport, and shipping sectors.
 - The Department of Science and Technology has initiated Hydrogen Valley Innovation Clusters to foster innovation and promote the green hydrogen ecosystem in India.





Read more: Green Hydrogen - Substitute to Fossil Fuel