



Green Hydrogen Certification Scheme of India (GHCI)

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The **Ministry of New and Renewable Energy (MNRE)** has launched the **Green Hydrogen Certification Scheme of India (GHCI)** under the [National Green Hydrogen Mission \(NGHM\)](#).

- **About:** It is an initiative to create a robust framework for **certifying green hydrogen (GH)** production and ensuring **transparency, traceability, and market credibility**.
- **Objective:** Promote a Green Hydrogen market in India, sourced from renewables to cut carbon emissions, drive exports, and encourage energy-intensive sectors to adopt the fuel.
 - International port cities like **Kandla, Paradip, and Tuticorin** have been chosen as **main centers** for producing **green hydrogen for export**.
 - It will **curb greenwashing**, where companies **deceptively portray** themselves as **eco-friendly** through **false or exaggerated claims**.
- **Certification Process:** It will be verified by the [Bureau of Energy Efficiency \(BEE\)](#) Accredited **Carbon Verification (ACV) Agency** to ensure compliance.
 - The certificate is **non-transferable, non-tradeable**, and **cannot** be used to **claim emission reduction credits**.
 - BEE has also announced an **offset mechanism** for **hard-to-abate sectors (e.g., cement)** using **green hydrogen** under [CCTS](#) to allow them to **earn and trade credit**.
- **Applicability:** The certification scheme **applies** only to **green hydrogen** production from **electrolysis or conversion of biomass**.

Read More: [National Green Hydrogen Mission](#)

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