

GOVERNMENT OF INDIA
MINISTRY OF PETROLEUM AND NATURAL GAS
RAJYA SABHA
UNSTARRED QUESTION NO-1573
ANSWERED ON 09/12/2024

GREEN HYDROGEN INFRASTRUCTURE IN THE COUNTRY

1573. SHRI RAVI CHANDRA VADDIRAJU:

Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

- (a) whether Government is aware of the slow progress in developing green hydrogen infrastructure in the country; and
- (b) whether any measures are being taken to accelerate the establishment of production facilities and related infrastructure, if so, the details thereof and if not, the reasons therefor?

ANSWER

THE MINISTER OF STATE IN THE MINISTRY OF PETROLEUM & NATURAL GAS

(SHRI SURESH GOPI)

(a) & (b) The Ministry of New and Renewable Energy is implementing the National Green Hydrogen Mission, with an objective of make India a global hub of production, usage, and export of Green Hydrogen and its derivatives.

Government has launched several initiatives under the Mission, including scheme guidelines for incentive schemes for production of Green Hydrogen and electrolyzer manufacturing under the Strategic Interventions for Green Hydrogen Transition (SIGHT) Programme.

A production capacity of 412,000 tonnes per annum of Green Hydrogen has been allocated. In addition, electrolyzer manufacturing capacity of 1,500 MW per annum has been assigned under Tranche I. For Tranche II, 11 companies have been shortlisted for an additional allocation of 1,500 MW per annum capacity.

Scheme guidelines have been issued for implementing Green Hydrogen-based pilot projects in the steel, shipping, and road transport sectors, as well as for establishing hydrogen hubs.
