

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 1913
ANSWERED ON 14/12/2023

NATIONAL GREEN HYDROGEN MISSION

1913. SHRI N. REDDEPPA

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

- (a) the details of the National Green Hydrogen Mission launched to make the country the global hub of Green Hydrogen production and export;
- (b) the objectives of the said mission; and
- (c) the details of the progress made so far, State/ UT-wise?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER

(SHRI R.K. SINGH)

(a) to (c) The Ministry of New and Renewable Energy is implementing the National Green Hydrogen Mission, approved by the Union Cabinet on 4th January 2023, with an outlay of ₹ 19,744 crore. The overarching objective of the Mission is to make India the Global Hub for production, usage and export of Green Hydrogen and its derivatives. The following components have been announced as part of the Mission:

- i. Facilitating demand creation through exports and domestic utilization;
- ii. Strategic Interventions for Green Hydrogen Transition (SIGHT) programme, which includes incentives for manufacturing of electrolyzers and production of green hydrogen;
- iii. Pilot Projects for steel, mobility, shipping, decentralized energy applications, hydrogen production from biomass, hydrogen storage, etc.;
- iv. Development of Green Hydrogen Hubs;
- v. Support for infrastructure development;
- vi. Establishing a robust framework of regulations and standards;
- vii. Research & Development programme including through a public-private partnership framework for R&D.
- viii. Skill development programme; and
- ix. Public awareness and outreach programme.

Request for Selection (RfS) has been issued for Selection of Green Hydrogen Producers for Setting up Production Facilities of 450,000 tons for Green Hydrogen in India under the Strategic Interventions for Green Hydrogen Transition (SIGHT) Scheme (Mode-1-Tranche-I) on 10th July 2023

Request for Selection (RfS) has been issued for the Selection of Electrolyser Manufacturers (EM) for Setting up 1.5 GW annual Electrolyser Manufacturing Capacities under SIGHT Scheme (Tranche-I) on 7th July 2023.

These projects, once finalized, are likely to come up in various States/UTs in the country
