

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 621
ANSWERED ON 07.02.2023

GREEN HYDROGEN MISSION

621. SHRI K.C. VENUGOPAL

Will the Minister of New and Renewable Energy be pleased to state:

- (a) the manner in which Government aims to attain Green Hydrogen production capacity of 5 Million Metric Tonnes (MMT) per annum by 2030;
- (b) whether there is necessary infrastructure for the National Green Hydrogen Mission; and
- (c) if so, the details thereof, and if not, by when?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER

(SHRI R.K. SINGH)

(a)to(c) On 4th January 2023, the Union Cabinet approved the National Green Hydrogen Mission with an outlay of ₹ 19,744 crore. The Mission targets a production capacity of 5 Million Metric Tonnes (MMT) per annum by 2030.

To achieve these targets, 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 electrolysers 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;
- VIII. Skill development programme; and
- IX. Public awareness and outreach programme.
