

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 7**  
ANSWERED ON 20.07.2023

**POLICY TO REGULATE GREEN HYDROGEN ECOSYSTEM**

7. SHRI PRATAP CHANDRA SARANGI  
SHRI P.P. CHAUDHARY  
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Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

- (a) whether the Government proposes to bring a policy document to regulate and support green hydrogen ecosystem in the country;
- (b) if so, the details thereof and if not, the reasons therefor;
- (c) whether the Government has taken any steps to involve academia, research institutions and private sector to do research and development under the National Green Hydrogen Mission; and
- (d) if so, the details thereof?

**ANSWER**

**THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER**  
**(SHRI R.K. SINGH)**

(a) to (d) On 4th January 2023, the Union Cabinet approved the National Green Hydrogen Mission with an outlay of ₹ 19,744 crore. The overarching objective of the Mission is to make India a 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 electrolysers and production of green hydrogen;
- III. Pilot Projects for green 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.

Development of a facilitative Research and Development ecosystem through a network approach involving the academia-industry-Government for a seamless transfer and commercialisation of new technologies, is a key component of the Mission.

An Advisory Group comprising experts from academic and research institutions, industry, and civil society has also been constituted under the Mission.

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