

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 1581
ANSWERED ON 14.03.2023

SETTING UP OF GREEN HYDROGEN PRODUCTION ZONES UNDER NHM

1581. SHRI GHANSHYAM TIWARI

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

- (a) whether it is a fact that Government proposes to set up green hydrogen production zones in various states under the National Hydrogen Mission (NHM);
- (b) if so, the States in which these zones are proposed to be created, the details thereof, State-wise; and
- (c) the details of plan devised by Government for the manufacture and storage of green hydrogen?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER

(SHRI R.K. SINGH)

(a)&(b) On 4th January 2023, the Union Cabinet approved the National Green Hydrogen Mission. The Mission envisages identification and development of regions capable of supporting large scale production and/or utilization of Hydrogen as Green Hydrogen Hubs. However, no such specific zones have been identified under the Mission so far.

(c) The following components have been announced as part of the National Green Hydrogen Mission to *inter alia* support the production and storage of Green Hydrogen:

- I. Strategic Interventions for Green Hydrogen Transition (SIGHT) programme, which includes incentives for manufacturing of electrolysers and production of green hydrogen;
- II. Development of Green Hydrogen Hubs;
- III. Support for infrastructure development;
- IV. Support for pilot projects;
- V. Establishing a robust framework of regulations and standards; and
- VI. Research & Development programme.
