

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 3620
ANSWERED ON 24.03.2022

UTILISATION OF HYDROGEN ENERGY

3620. SHRI RAJIV PRATAP RUDY

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

- (a) whether the Government has planned the manner of greater utilisation of hydrogen energy and if so, the details thereof;
- (b) the details of potential and installed capacity along with the sectors where hydrogen would be utilised and the targets that have been set, State/UT-wise;
- (c) the steps taken by the Government to realise the potential of hydrogen;
- (d) whether any incentives are to be given to boost the production and utilisation of hydrogen, if so, the details thereof and if not, the reasons therefor; and
- (e) whether any steps are being taken by the Government to promote hydrogen as a source of energy in Bihar and if so, the details thereof?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER

(SHRI R.K. SINGH)

(a) to (d) In the Independence Day speech on August 15, 2021, Hon'ble Prime Minister announced the launch of National Hydrogen Mission and stated the goal to make India a global hub for Green Hydrogen production and export. The Ministry of New and Renewable Energy has accordingly prepared a draft Mission document.

The draft Mission aims to progressively replace fossil fuels and fossil fuel-based feedstocks with Green Hydrogen produced from renewable energy sources in sectors such as refining, fertilizer production, city gas distribution, steel production, long haul mobility, shipping etc. The draft Mission proposes a framework *inter-alia* for demand creation, a basket of measures to support production and utilization of Green Hydrogen, support for indigenous manufacturing, Research & Development, pilot projects, and enabling policies and regulations.

(e) The draft Mission is aimed at scaling up production and utilization of Green Hydrogen in the country, including in the State of Bihar.
