

GOVERNMENT OF INDIA  
MINISTRY OF STEEL

**LOK SABHA**  
**UNSTARRED QUESTION NO. 284**  
FOR ANSWER ON 04.02.2025

**IMPLEMENTATION OF THE GREEN STEEL MISSION**

284. SHRI KALI CHARAN SINGH:

Will the Minister of STEEL be pleased to state:

- (a) the current status and timeline for the implementation of the Green Steel Mission, along with its estimated cost and funding sources;
- (b) whether the Ministry has conducted any studies to assess the economic feasibility and competitiveness of green steel production in the country and if so, the details thereof;
- (c) the progress made under the National Green Hydrogen Mission in integrating green hydrogen into steel production, including the status of pilot projects and expected outcomes;
- (d) the mechanisms in place to ensure that Government agencies prioritize the procurement of green steel and the expected impact of such mandates on demand for green steel; and
- (e) the steps being taken to support small and medium steel producers in transitioning to greener production technologies?

**ANSWER**

THE MINISTER OF STATE IN THE (SHRI BHUPATHIRAJU SRINIVASA VARMA)  
MINISTRY OF STEEL

- (a) Ministry of Steel has not launched any Green Steel Mission.
- (b) Ministry of Steel had constituted 14 Task Forces to discuss, deliberate and recommend upon the entire chain of decarbonisation of the steel industry.
- (c) Under the National Green Hydrogen Mission of Ministry of New and Renewable Energy (MNRE), Ministry of Steel has awarded two pilot projects to produce DRI using 100% Hydrogen in vertical shaft and one pilot project to use hydrogen in existing Blast Furnace to reduce coal/coke consumption under this Mission.
- (d) Ministry of Steel has not issued any policy guidelines for establishment of a mechanism to ensure mandatory procurement of green steel by the Government agencies.

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(e) Ministry of Steel has taken following additional steps/policies to encourage/support steel industry for transitioning to greener production technologies:

- i. Ministry has released the Taxonomy for Green Steel to provide standards for defining and categorizing the low emission steel, facilitating the green transition of the steel industry. It provides a framework for production of Green Steel, creation of market for green steel and seeking financial support.
- ii. Steel Scrap Recycling Policy, 2019, formulated by Ministry of Steel envisages enhancing the availability of domestically generated scrap to reduce the consumption of coal in steel making.
- iii. Motor Vehicles (Registration and Functions of Vehicles Scrapping Facility) Rules September 2021 of Ministry of Road Transport & Highways envisages increasing availability of scrap in the steel sector.
- iv. National Solar Mission launched by Ministry of New and Renewable Energy in January, 2010 promotes the use of solar energy and helps to reduce the emission of steel industry.

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