

GOVERNMENT OF INDIA  
MINISTRY OF STEEL

**LOK SABHA**  
**UNSTARRED QUESTION NO. 396**  
FOR ANSWER ON 04.02.2025

**GREEN STEEL MANUFACTURING**

396. SHRI ANUP SANJAY DHOTRE:  
SHRI P C MOHAN:  
DR. BHOLA SINGH:  
SHRI MAHESH KASHYAP:

Will the Minister of STEEL be pleased to state:

- (a) the number of steel manufacturers and step taken to adopt green steel production in the country;
- (b) whether any specific policy measures has the government introduced to incentivize the adoption of green steel manufacturing in the country and if not, the reasons therefor;
- (c) the details of financial support or funding mechanisms are available for steel manufacturers looking to transition to green steel production;
- (d) whether there is any specific partnerships or collaborations to accelerate the adoption of green steel technologies, if so, the details of Nagarnar Plant in Chhattisgarh;
- (e) the financial assistance provided to steel manufacturers adopting eco-friendly production technologies;
- (f) whether the Ministry has signed any Memorandum of Understandings or international collaborations to accelerate green steel technology adoption in the country; and
- (g) the estimated impact of green steel initiatives on reducing India's carbon emissions and meeting net-zero targets?

**ANSWER**

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

(a)to(c)&(e): During 2023-24, there were 1008 crude steel manufacturers in the country. The steps and policies adopted by Government to encourage steel industry for green transition of the sector are, as under: -

- i. Ministry has released the Taxonomy for Green Steel to provide standards for defining and categorizing the low emission steel.
- ii. Ministry of Steel has released a report titled "Greening the Steel Sector in India: Roadmap and Action Plan" in alignment with the recommendations of the 14 Task Forces constituted by this Ministry for this purpose.

**Contd...**

- iii. Ministry of New and Renewable Energy (MNRE) has formulated National Green Hydrogen Mission for green hydrogen production and usage.
  - iv. National Solar Mission launched by Ministry of New and Renewable Energy in January, 2010 promotes the use of solar energy and also helps to reduce the emission of steel industry.
- (d) NMDC's Nagarnar Plant in Chhattisgarh has not made any specific partnerships or collaborations to accelerate the adoption of green steel technologies.
- (f) Ministry of Steel has not signed any Memorandum of Understandings (MOUs) for green steel adoption. However, Steel Authority of India Limited (SAIL) has signed MoUs to promote low carbon steel production.
- (g) Hon'ble Prime Minister has announced in COP26 Summit in Glasgow that India will achieve the target of net zero by 2070. Ministry of Steel is taking all steps to reduce carbon emission in alignment with this statement.

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