

GOVERNMENT OF INDIA
MINISTRY OF STEEL

LOK SABHA
UNSTARRED QUESTION NO. 4947
FOR ANSWER ON 01.04.2025

CO2 EMISSIONS OF STEEL SECTOR

4947. SHRI RAJMOHAN UNNITHAN:

Will the Minister of STEEL be pleased to state:

- (a) whether steps are being taken to reduce the CO2 emissions of India's steel sector, if so, the details thereof and if not, the reasons therefor;
- (b) the details of the measures taken for the transition to renewable energy in steel making in the country; and
- (c) the specific assistance being provided to Kerala's steel sector in helping it reduce its emission intensity?

ANSWER

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

(a)to(c): The steps taken by the Government to reduce the CO2 emissions of India's steel sector including transition to renewable energy in steel making 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 which provides the future roadmap for green steel and sustainability, towards net-zero target by 2070. The report is available on Ministry of Steel's website.
- iii. Ministry of Steel has awarded 07 pilot projects for implementation of pilot projects for use of hydrogen in steel sector under National Green Hydrogen Mission launched by Ministry of New & Renewable Energy.
- 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.

The above steps to reduce the emission intensity from steel sector have been taken for Kerala, as well.
