

GOVERNMENT OF INDIA  
MINISTRY OF STEEL

**LOK SABHA**  
**STARRED QUESTION NO. \*168**  
FOR ANSWER ON 11.03.2025

**DECARBONIZATION OF STEEL SECTOR**

\*168. SHRI P C MOHAN:

Will the Minister of STEEL be pleased to state :

(a) whether the current roadmap and initiatives, such as the "Greening the Steel Sector in India" report and the Taxonomy for Green Steel are adequate to meet the 2070 net-zero target, if so, the details thereof;

(b) whether any interim carbon emission has been established to reduce targets for the steel sector to track progress towards the net-zero goal, if so, the details thereof including for plants in Karnataka and Bengaluru;

(c) the details of specific mechanisms in place to monitor and evaluate the effectiveness of decarbonization pilot projects, such as the use of green hydrogen in steel production; and

(d) whether the Ministry is collaborating with international stakeholders to adopt and implement advanced decarbonization technologies in the Indian steel industry, if so, the details thereof?

**ANSWER**

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

(a)to(d): A statement is laid on the Table of the Lok Sabha.

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**STATEMENT REFERRED TO IN REPLY TO PARTS (A) TO (D) OF THE LOK SABHA STARRED (\*) QUESTION NO. \*168 FOR ANSWER ON 11.03.2025 TABLED BY SHRI P. C. MOHAN, MEMBER OF PARLIAMENT REGARDING “DECARBONIZATION OF STEEL SECTOR”**

(a)&(b): Yes, Sir. The comprehensive Report titled ‘Greening the Steel Sector in India: Roadmap and Action Plan’ chalks out the strategies for reducing carbon emissions from steel sector towards net-zero target by 2070. The report is available on Ministry of Steel website. However, there is no interim target for reducing carbon emissions in the steel sector.

(c) Ministry of New and Renewable Energy (MNRE) has issued scheme guidelines for the implementation of pilot projects in iron & steel sector, under the National Green Hydrogen Mission, with MECON as the Scheme Implementing Agency (SIA). Project monitoring mechanism includes monthly tracking by MECON, quarterly reviews by the Project Appraisal Committee (PAC), and overall oversight by a Steering Committee (SC) co-chaired by the Secretaries of Steel and MNRE.

(d) CPSEs, under this Ministry, have signed Memorandum of Undertaking (MoU) with the various international technology providers in field of Carbon Capture, Utilization and Storage (CCUS), injection of coke oven gas in blast furnace, Green hydrogen injection etc. to accelerate decarbonization of steel manufacturing process.

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