

GOVERNMENT OF INDIA  
MINISTRY OF STEEL

**LOK SABHA**  
**UNSTARRED QUESTION NO. 1740**  
FOR ANSWER ON 10.02.2026

**DECARBONISATION OF STEEL SECTOR AND EAF EXPANSION**

1740. SHRI KALI CHARAN SINGH:

Will the Minister of STEEL be pleased to state:

(a) whether the Government has mapped the steel sector's decarbonisation pathways including EAF expansion, scrap policy and hydrogen/DRI options;

(b) the cost and infrastructure constraints identified including power availability and quality scrap access;

(c) the measures undertaken to mobilise green finance and risk-sharing instruments; and

(d) the details of the milestones set for emissions-intensity reduction and the monitoring mechanisms for implementation?

**ANSWER**

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

(a)&(b): The Ministry of Steel has released a report titled "Greening the Steel Sector in India: Roadmap and Action Plan", in line with the recommendations of the 14 Task Forces constituted by the Ministry for this purpose. The report outlines the roadmap for decarbonisation of the steel sector in the various steelmaking routes including Electric Arc Furnace (EAF), scrap-based steelmaking, and adoption of hydrogen/DRI-based technologies. This report also discusses about cost and infrastructure-related constraints including energy efficiency and scrap availability for decarbonization of the steel sector. The report is available on the Ministry of Steel's website.

This report also discusses the short-term, medium-term and long-term strategy for decarbonization of steel sector. In short term (Financial Year 2030), reduction of carbon emissions in steel industry through promotion of energy and resource efficiency as well as renewable energy is being focused.

(c) Ministry of Steel has approved pilot projects for use of green hydrogen in steel sector under National Green Hydrogen Mission.

(d) Ministry of Steel is aligned with India's net-zero target by 2070.

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