

AM/NS India aims for 70% green steel output by FY27

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ArcelorMittal Nippon Steel (AM/NS) India plans to make 70 per cent of its steel production 'green' by financial year 2027 (FY27), aligning with India's rollout of a green steel taxonomy.

The Indian government introduced the taxonomy for green steel last December, which is expected to be rolled out in FY27. The move is expected to advance decarbonisation of India's steel industry and stimulate demand for greener steel both within India and abroad.

Green steel is classified based on the emissions intensity of the steel plant where it is produced. To qualify as green, the CO₂ emissions intensity must be below 2.2 tonnes of CO₂ equivalent (CO₂e) per tonne of crude steel (tCO₂/tcs). Steel with emissions intensity above this threshold will not receive a green rating, while steel produced below it will be rated on a three-tier system: three-star, four-star, or five-star green steel. AM/NS India aims to reduce 20 per cent of carbon emission intensity by 2030, targeting 1.8 tCO₂/tcs from the 2021 baseline.

With India's new green steel taxonomy expected to be implemented in FY27, AM/NS is confident in its ability to lead the Indian green steel industry.

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BIGGER PUSH FOR SUSTAINABILITY

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2.17 tCO₂/tcs, which is 14 per cent lower than the national average. The company has successfully reduced its carbon emissions intensity by over 35 per cent since 2015, Ranjan Dhar, Director and Vice President, Sales & Marketing at AM/NS India, said. Dhar explained,

"We concluded that our current footprint and the developments we are pursuing provide a significant advantage as a company. This advantage includes our customers being able to make their products greener, positioning us to be the first three-star rated green steel company in the country."

To achieve its goals, the company is focusing on three key areas. First is steel-making technology.

The second is setting up four additional scrap processing units following the success of its first unit in Khopoli, Maharashtra. The third is advanced steel for automotive applications.