

Tata Steel Partners SMS Group to Deploy World-First EASyMelt Decarbonisation Technology

~ Tata Steel's blast furnace 'E' in Jamshedpur will be the first facility globally to be converted to EASyMelt ~

~ EASyMelt offers the most resource-flexible solution for decarbonising ironmaking, with the potential to achieve climate neutrality ~

New Delhi, April 21, 2026: Tata Steel has entered into definitive agreements with Paul Wurth, S.A (Luxembourg), part of the SMS Group GmbH, for implementation of the world's first EASyMelt (electrically-assisted syngas smelter) technology. Tata Steel intends to proceed with the first industrial demonstration of this technology in the 'E' Blast Furnace (649 m³) at its Jamshedpur Works, in a phased manner. The project aims to cut CO₂ emissions by more than 50 percent compared to the blast furnace's baseline operation.

T V Narendran, CEO and Managing Director, Tata Steel, said: *"The transition to low-carbon steelmaking will be shaped by our ability to reimagine and transform existing production ecosystems. At Tata Steel, we are advancing this shift through a focused blend of technology, innovation, and strong partnerships. Our collaboration with SMS Group marks a significant milestone, accelerating our journey towards achieving net zero."*

"We appreciate Tata Steel's trust in our abilities. This commitment from an industry leader enables us to bring our EASyMelt technology to life. Building the first EASyMelt on an industrial scale is a significant milestone and paves the way for future brownfield decarbonization projects," said **Jochen Burg, CEO, SMS Group.**

Tata Steel Limited and SMS Group signed a Memorandum of Understanding in June 2023, to collaborate on decarbonising the ironmaking process. Following a successful front-end loading study, Tata Steel has decided to move forward with the project in a phased manner.

This initiative represents a key milestone in Tata Steel's journey towards achieving net zero emissions by 2045, one of the most ambitious climate targets adopted by any major steel producer globally. Tata Steel and SMS Group-Paul Wurth will jointly work towards the implementation and development of the EASyMelt technology.

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TATA STEEL LIMITED

Registered Office Bombay House 24 Homi Mody Street Fort Mumbai 400 001 India
Tel 91 22 6665 8282 Fax 91 22 66657724
Corporate Identity Number L27100MH1907PLC000260 Website www.tatasteel.com

conditions in the domestic and overseas markets in which the Company operates, changes in or due to the environment, Government regulations, laws, statutes, judicial pronouncements and/ or other incidental factors.

For queries and information

Sarvesh Kumar, Chief Corporate Communications, Tata Steel, sarvesh.kumar@tatasteel.com

About Tata Steel

- Tata Steel group is among the top global steel companies with an annual crude steel capacity of 35 million tonnes per annum.
- It is one of the world's most geographically diversified steel producers, with operations and commercial presence across the world.
- The group recorded a consolidated turnover of around US\$26 billion in the financial year ending March 31, 2025.
- A Great Place to Work®-certified organisation, Tata Steel Limited, together with its subsidiaries, associates, and joint ventures, is spread across five continents with an employee base of over 76,000.
- Tata Steel has announced its major sustainability objectives including Net Zero by 2045.
- The Company has been on a multi-year digital-enabled business transformation journey intending to be the leader in 'Digital Steel making'. The Company has received the World Economic Forum's Global Lighthouse recognition for its Jamshedpur, Kalinganagar, and IJmuiden Plants. Tata Steel has also been recognised with the 'Digital Enterprise of India – Steel' Award 2024 by Economic Times CIO.
- The Company has been recognised with the World Economic Forum's Global Diversity Equity & Inclusion Lighthouse 2023.
- The Company has been a part of the DJSI Emerging Markets Index since 2012 and has been consistently ranked among the top 10 steel companies in the DJSI Corporate Sustainability Assessment since 2016.
- Tata Steel's Jamshedpur Plant is India's first site to receive ResponsibleSteel™ Certification. Subsequently, its Kalinganagar and Meramandali plants have also received the certification. In India, Tata Steel now has more than 90% of its steel production from ResponsibleSteel™ certified sites.
- Received Prime Minister's Trophy for the best performing integrated steel plant for 2016-17, 2026 Steel Sustainability Champion recognition from worldsteel for nine years in a row, CDP 2024 'Supplier Engagement Assessment' Leader, Top performer in Iron and Steel sector in Dun & Bradstreet's India's top 500 companies 2022, Ranked as the 2024 most valuable Mining and Metals brand in India by Brand Finance, 'Most Ethical Company' award 2021 from Ethisphere Institute, and 'Best Corporate for Promotion of Sports' recognition at the Sportstar Aces Awards 2024.
- Received the 2023 Global ERM (Enterprise Risk Management) Award of Distinction at the RIMS ERM Conference 2023, 'Masters of Risk – Risk Technology' recognition at The India Risk Management Awards, and ICSI Business Responsibility and Sustainability Award 2023 for its first Business Responsibility and Sustainability Report (BRSR), Excellence in Financial Reporting FY20 from ICAI, among several others.

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