China’s Steel Industry Emissions Rise by 3.3% in February 2025 Amid Efforts in Pollution Control & Energy Efficiency

March 25, 2025

Synopsis: In February 2025, China's steel industry experienced a 3.3% increase in emissions compared to the same period in 2024. While emissions rose, the sector made notable progress in controlling pollutants and improving energy efficiency. There was a decrease in sulfur dioxide, nitrogen oxides, and particulate matter emissions, while energy consumption dropped overall. The steelmakers also saw a significant boost in clean energy production, highlighting their ongoing transition toward sustainability.

China’s Steel Industry Accelerates Green, Smart Upgrading in 2025: A Comprehensive Transformation

March 25, 2025

Synopsis: In 2025, China's steel industry is rapidly advancing toward a smarter, greener future. The industry has embraced cutting-edge digital technologies and sustainable practices to improve efficiency, reduce carbon emissions, and increase the production of high-end steel products. Over 80% of steel companies have already implemented intelligent control systems, and substantial investments are being made to further reduce energy consumption and achieve ultra-low emissions.

Pioneering Carbon Recycling: JFE Steel, Mitsubishi Gas Chemical, & Mitsubishi Chemical Unite for Sustainable Future

March 25, 2025

Synopsis: JFE Steel, Mitsubishi Gas Chemical, and Mitsubishi Chemical have joined forces to develop a carbon recycling supply chain at the Mizushima Complex. This collaboration, beginning in FY2026, will focus on utilizing by-product gases from steel manufacturing to produce methanol, which will then be used to create propylene, a key component for plastics. This project aims to reduce greenhouse gas emissions and advance carbon recycling technologies in the industrial sector.

India’s Green Hydrogen Future: 9 Winning Firms Secured $259 Million Subsidies in Historic Auction

March 25, 2025

Synopsis: India’s second green hydrogen auction concluded with nine companies selected as winners, securing subsidies worth a combined INR 22.39 billion ($259 million) over the next three years. With a total production capacity of 450,000 metric tons per year, the initiative is part of India's broader strategy to become a leader in green hydrogen production and meet its ambitious target of 5 million metric tons per year by 2030.