

[Baowu's Vision 2035: A Strategic Roadmap for Steel Dominance & Advanced Materials Innovation](#)

Updated on : Mar 01, 2025 09:49 am

Synopsis: China Baowu Steel Group, the world's largest steel producer, has unveiled an ambitious strategic roadmap for 2035. With an emphasis on innovation, sustainability, and global expansion, the company aims to lead in both steel production and light metal materials like magnesium, aluminum, and titanium. Key goals include increasing R&D investment, reducing carbon emissions, and growing its presence internationally. Baowu's 2035 Vision is a bold plan that will redefine the steel and materials industry, setting it up for future leadership.

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[Strengthening Europe's Steel Backbone: A Ministerial Push Against Global Market Injustices](#)

Updated on : Mar 01, 2025 09:49 am

Synopsis: A ministerial summit in Paris focused on the ailing European steel industry, emphasizing the urgent need for trade protection against cheap imports from Asia, particularly from China. Ministers warned of the risks of deindustrialization and called for stronger safeguard measures to preserve jobs and maintain competitiveness. With U.S. tariffs looming, European leaders are pushing for revised quotas, a more effective response to overcapacity, and a unified EU position.

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[Hyundai Steel's Molten Metal Leak Sparks Fire in Dangjin: No Casualties Reported](#)

Updated on : Mar 01, 2025 09:49 am

Synopsis: A fire erupted at Hyundai Steel's No. 1 blast furnace plant in Dangjin, South Chungcheong Province, on February 28, 2025, when 300 metric tons of molten metal leaked onto the first-floor railway. The fire was extinguished after approximately 1 hour and 40 minutes, with no casualties reported. Authorities are investigating the cause of the leak, which occurred from a torpedo car transporting the molten metal. The incident marks the first such accident in the past decade at the plant.

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[Unexpected Blaze at JSW Steel's Mingo Junction Facility: No Casualties or Operational Impact](#)

Updated on : Mar 01, 2025 09:49 am

Synopsis: On the morning of February 28, 2025, a small fire broke out at JSW Steel's

Mingo Junction facility in Jefferson County, Ohio, in the recycling area. The fire, which was caused by a chemical reaction between lime residue and morning rain, was quickly extinguished by the Mingo Junction Fire Department. Thankfully, there were no injuries and no impact on steel production at the site.

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[EMSTEEL's AED 625 Million Asset Enhancement: A Leap Towards Advanced Steel Solutions](#)

Updated on : Mar 01, 2025 09:49 am

Synopsis: EMSTEEL, one of the UAE's largest publicly traded steel manufacturers, has launched an AED 625 million Asset Enhancement Programme aimed at upgrading its production capabilities and introducing cutting-edge steel solutions. The programme aligns with the UAE's Operation 300bn initiative, aiming to propel the country into global industrial leadership. With a focus on advanced steel products and sustainability, EMSTEEL plans to revolutionize the steel sector with state-of-the-art technology, driving economic growth and addressing the growing demand for high-strength materials in critical sectors such as construction, energy, and automotive.

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[Hyundai Steel's Path to Global Dominance: Reinventing Automotive Steel for the Future](#)

Updated on : Mar 01, 2025 09:49 am

Synopsis: In 2023, Hyundai Steel achieved a major milestone by surpassing 1 million metric tons in sales of automotive steel sheets to non-affiliated global automakers. The company now aims to double this figure by 2025, positioning itself as a leader in the global automotive steel market. Hyundai Steel is making bold strides in expanding its international footprint, innovating with carbon-reduced steel technologies, and producing stronger, lightweight materials essential for the future of automotive manufacturing.

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[Baosteel Desheng's VOD Plant Completion Marks Milestone in Specialty Steel Production](#)

Updated on : Mar 01, 2025 09:49 am

Synopsis: Baosteel Desheng Stainless Steel Co., Ltd., a subsidiary of China Baowu Steel Group, has successfully completed its Vacuum Oxygen Decarburization (VOD) plant, supplied by SMS group. This addition will boost its capacity for specialty steel production and enhance the quality of materials used in industries such as automotive, aerospace, and construction. With a capacity of 417,000 metric tons per year, the

system significantly reduces impurities, ensuring high-purity steel production and improving efficiency.

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[Mitsubishi Electric Powers S. Norton Group's Metal Recycling Facility with Groundbreaking Inverter](#)

Updated on : Mar 01, 2025 09:49 am

Synopsis: Mitsubishi Electric has provided a 3,000 hp frequency inverter to the UK-based S. Norton Group for its metal shredding plant in Manchester. This collaboration features the ZZ Power Zerdirator, the world's first shredder with an advanced drive solution, enhancing efficiency and cutting energy consumption while processing up to 130 metric tons of recycled metal per hour.

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[USITC Upholds Duties on Steel Trailer Wheels from China After Five-Year Review](#)

Updated on : Mar 01, 2025 09:49 am

Synopsis: The US International Trade Commission has determined that the existing antidumping and countervailing duties on steel trailer wheels from China will remain in place. This decision follows a five-year review process, which found that removing these duties would likely lead to the continuation or recurrence of material injury to the U.S. industry.

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[India Delays Anti-Dumping Hearing on Vietnamese Hot-Rolled Steel: Trade Implications Loom](#)

Updated on : Mar 01, 2025 09:49 am

Synopsis: India's Directorate General of Trade Remedies (DGTR) has postponed the oral hearing for the anti-dumping investigation into Vietnamese hot-rolled steel, which was initially scheduled for 27 February 2025. The delay, caused by official exigencies, will affect the ongoing trade discussions surrounding steel imports from Vietnam, which have been under investigation since 18 August 2024. The new hearing date will be announced in due course.

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[Hyundai Steel Targets Antidumping Probe Amidst Surge in Imported Chinese & Japanese HRC](#)

Updated on : Mar 01, 2025 09:49 am

Synopsis: Hyundai Steel, a major South Korean steel producer, has filed an antidumping complaint with the South Korean Trade Commission over concerns that low-priced hot-rolled steel coils from China and Japan are severely damaging its business. The company has requested a formal investigation into these imports, which dominate South Korea's steel market. As the global steel market faces challenges related to overcapacity and dwindling demand, this complaint highlights growing tensions in international trade. The Trade Commission is expected to formally address the complaint by early March.

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[Vallourec's 2024 Financial Results: Setbacks in Revenue Amidst Optimism for US Market Recovery](#)

Updated on : Mar 01, 2025 09:49 am

Synopsis: Vallourec, a France-based pipe manufacturer, reported a 16.5% decrease in Q4 2024 revenues compared to the same period in 2023, totaling €1.06 billion. The company's full-year revenues also fell by 21.1% to €4.03 billion. Despite a downturn in tube sales volume, Vallourec's leadership remains optimistic, particularly about improvements in the US market and trade policies, which could boost future results.

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[BMZ Steel Mill Triumphs in 2024 Despite External Challenges & Restrictions](#)

Updated on : Mar 01, 2025 09:49 am

Synopsis: Despite facing significant external challenges and restrictions, Belarusian Steel Mill achieved impressive profit and production growth in 2024. Industry Minister Aleksandr Yefimov reported on BMZ's robust performance during a Supervisory Board meeting, highlighting strong export diversification and the company's focus on fulfilling its 2025 economic goals.

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[RHI Magnesita's Resilient 2024 Performance Amidst Market Struggles: A Strategic Focus on Growth](#)

Updated on : Mar 01, 2025 09:49 am

Synopsis: RHI Magnesita, the world's leading supplier of high-grade refractory products, reported strong financial results for the year 2024 despite facing challenging market conditions. While sales volumes decreased by 1% and pricing fell by 6%, the company demonstrated impressive operational efficiency, achieving stable EBITA and improving EBITA margins. Through strategic acquisitions and a focus on cost discipline, RHI Magnesita reduced its net debt by €52 million, positioning itself for growth in a tough

market environment.

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[Befesa S.A. Shows Resilience with 5% Revenue Growth in 2024 Despite Market Pressures](#)

Updated on : Mar 01, 2025 09:49 am

Synopsis: Befesa S.A. reported a 5% increase in its global revenue for 2024, reaching over \$1.2 billion, but its net income fell by 12.4%. The company's strong performance in steel furnace dust and aluminum salt slag recycling helped offset the challenges of reduced capacity in the U.S. and China. The company remains optimistic about 2025 with expectations of continued operational improvements and strong financial growth.

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[Sukha Balka Mine's Strategic Expansion: High-Quality Ore Development at Frunze Mine](#)

Updated on : Mar 01, 2025 09:49 am

Synopsis: Sukha Balka Mine, part of DCH Steel Group, has begun developing a new ore block at Frunze Mine, with a goal to extract over 41 thousand metric tons of high-quality ore in the next 2.5 months. The new block, part of the Druzhba deposit, contains ore with an iron content of 60%-66%. The mine continues to ramp up operations as it sets its sights on increasing crude ore production to 930 thousand metric tons in 2025.

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[UK Sanctions Hit Russia's Coal Industry: A Strategic Blow to Sibanthracite & Energy Giants](#)

Updated on : Mar 01, 2025 09:49 am

Synopsis: In a significant move, the UK government has placed sanctions on Sibanthracite Management Company and the Russian Energy Group, major players in Russia's coal sector. These entities, involved in the production of high-quality Ultra High Grade anthracite and metallurgical coal, are now facing mounting international isolation. Despite the sanctions, both companies are making efforts to pivot towards the domestic Russian market, aiming to withstand the growing pressure and continue operations. The sanctions also extend to key industry figures, including Roman Trotsenko and Alexander Orekhov, signaling a broader strategy to curb Russia's coal exports and limit access to vital resources.

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[Odisha Government Greenlights Auction of 10 Mineral Blocks, Reviving Key Resource Sectors](#)

Updated on : Mar 01, 2025 09:49 am

Synopsis: The government of Odisha, a major mineral-producing state in eastern India, has approved the auction of 10 mineral blocks, including iron ore, manganese ore, and bauxite deposits. The move follows a temporary halt in approvals due to concerns about the mineral sector's performance. The auction will feature several iron ore and manganese deposits, some of which are virgin mines, with the aim of boosting local mining activity and meeting demand.

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[India's Dominance in Global DRI Production: A Snapshot of January 2025](#)

Updated on : Mar 01, 2025 09:49 am

Synopsis: In January 2025, global direct reduced iron production reached 9.32 million metric tons across 13 key producing countries, accounting for 87.4% of the total world production. India emerged as the largest producer with 4.81 million metric tons, followed by Iran, Russia, and Egypt. Despite a 4% month-on-month increase, global DRI production saw a 5.1% decline compared to January 2024. The country-wise production distribution sheds light on regional dynamics and growth prospects in the global iron market.

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[Alabama Steel Plant's Shutdown: 79 Layoffs as Nucor Shifts Production to Texas](#)

Updated on : Mar 01, 2025 09:49 am

Synopsis: Nucor Buildings Group is set to close its service center in Eufaula, Alabama, by late April 2025, resulting in 79 layoffs. The decision is part of a strategic shift in production, with the company redirecting its operations to a facility in Texas. This closure is the latest in a series of restructuring moves, which include a previous layoff of 230 employees in 2020. Nucor is working to relocate workers to other positions within the company.

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[Baku Steel Eyes Italian Steel Market Amid Energy Partnerships & Industry Restructuring](#)

Updated on : Mar 01, 2025 09:49 am

Synopsis: Azerbaijan's Baku Steel Group is negotiating with the Italian government to acquire the former Ilva steel plants, central to Italy's industrial base. The discussions include plans for a regasification plant in Taranto, which could redefine energy strategies and drive decarbonization. The bid from Baku Steel is set against competition from India's Jindal Steel, with varying strategies and employment impacts. The final decision

will significantly influence Italy's steel sector, energy policies, and industrial landscape.

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[Alchemia Entrusts KRUDO Industrial for the Sale of Rurexpol Steel Pipe Subsidiary](#)

Updated on : Mar 01, 2025 09:49 am

Synopsis: Polish steelmaker Alchemia has appointed KRUDO Industrial, a Netherlands-based industrial services firm, to manage the sale of its steel pipe subsidiary, Rurexpol. This move follows Alchemia's decision to liquidate Rurexpol due to changes in the Polish and European steel industries. The subsidiary, which specializes in seamless steel pipes, represents a strong investment opportunity for those looking to expand into the Polish market.

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[Outokumpu Secures a Strategic Raw Material Supply Deal with Greenland Resources for a Sustainable Future](#)

Updated on : Mar 01, 2025 09:49 am

Synopsis: Outokumpu, the leader in sustainable stainless steel, has signed a ten-year off-take agreement with Greenland Resources Inc., ensuring access to high-quality molybdenum from Greenland. This deal, worth approximately USD 160 million annually, is crucial for Outokumpu's strategy to secure raw materials sustainably and competitively while reducing its carbon footprint. The agreement positions both companies to address Europe's reliance on raw material imports and strengthens their long-term sustainability goals.

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[Welspun Corp Expands Global Reach with New Subsidiary in Spain for Export Growth](#)

Updated on : Mar 01, 2025 09:49 am

Synopsis: Welspun Corp, a leading manufacturer of specialty steel tubes in India, has established a wholly-owned subsidiary, Welspun Europe, in Spain. This move aims to strengthen its export capabilities across various business segments. The subsidiary will focus on the trading of pig iron, crude iron, and a range of conduits and systems for fluid transport, such as ductile iron, carbon steel, PVC-O conduits, stainless steel pipes, and water storage tanks.

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[A Steel Legacy: Brockhouse Forgings Secures Strategic Funding for Global Expansion](#)

Updated on : Mar 01, 2025 09:49 am

Synopsis: Brockhouse Forgings, a West Midlands-based steel manufacturer with 140 years of heritage, has secured a significant funding package from UKSE to support its expansion into new markets. Specializing in forged steel components for sectors such as automotive, defence, and mining, the company aims to build on its long-established reputation and global presence to ensure its growth and sustainability for the next century.

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[Outokumpu Exits Arbitration Dispute with Fennovoima Over EPC Contract Termination](#)

Updated on : Mar 01, 2025 09:49 am

Synopsis: Outokumpu has successfully cleared itself from an arbitration proceeding concerning a dispute between Fennovoima Oy and Rosatom entities. The International Court of Arbitration ruled in Outokumpu's favor, confirming that the company was not liable for claims related to the termination of the Engineering, Procurement, and Construction contract between Fennovoima and RAOS Project. This decision marks the end of the arbitration process involving Outokumpu.

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[Al Yamamah Steel Secures Major Deal for 380 kV Transmission Towers with Hyundai Engineering](#)

Updated on : Mar 01, 2025 09:49 am

Synopsis: Al Yamamah Steel Industries has entered into a significant contract with Hyundai Engineering & Construction for supplying steel towers for a 380 kV ultra-high voltage transmission line project in Saudi Arabia's western region. The deal, valued at 46.64 million USD, marks a major milestone for the company in the power transmission infrastructure sector, with deliveries expected to start in September 2025.

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[North Star Cuts First Steel for Groundbreaking Hybrid-Electric SOV for EnBW's Wind Farm](#)

Updated on : Mar 01, 2025 09:49 am

Synopsis: North Star and Cochin Shipyard marked a significant milestone on February 25, 2025, with the first steel cut for a hybrid-electric Service Operations Vessel intended for EnBW's He Dreiht wind farm off Germany. The vessel, expected to be operational by the end of 2026, will provide accommodation for wind technicians and logistics support for the maintenance of 64 offshore wind turbines, using advanced green technologies like electric propulsion and future methanol fuel compatibility.

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[FLSmidth Secures Landmark Order for Vertical Tower Mills, Reinforcing Global Leadership in Sustainable Mining](#)

Updated on : Mar 01, 2025 09:49 am

Synopsis: FLSmidth has been awarded the largest single order of steel media tower mills from an Indian mining customer. The 18 FTM-5000 vertical tower mills will play a key role in one of the largest and most efficient iron ore beneficiation plants globally. These advanced mills will significantly enhance energy efficiency and reduce environmental impact, aligning with FLSmidth's MissionZero strategy to reduce energy, water, and media consumption in the mining industry.

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[US. Steel Imports Surge in January 2025: A Robust Demand for Finished and Structural Steel](#)

Updated on : Mar 01, 2025 09:49 am

Synopsis: In January 2025, the U.S. saw a notable increase in steel imports, with total imports reaching 3,065,000 net tons, marking a 20.2% increase compared to the previous year. Imports of finished steel rose by 26.5% from December 2024. Key steel products such as heavy structural shapes, reinforcing bars, and oil country goods saw significant growth. The largest suppliers to the U.S. were Canada, Brazil, Mexico, South Korea, and Japan, with Brazil showing the most dramatic increase.

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[Dongkuk CM Raises Alarm Over Chinese Steel Influx: A Push for Market Protections](#)

Updated on : Mar 01, 2025 09:49 am

Synopsis: Dongkuk CM has filed a complaint against the influx of low-priced Chinese galvanized and color-coated steel plates, citing concerns over market distortions and product quality. The complaint highlights the significant rise in imports from China, which now accounts for over 90% of the domestic market share, driving down prices and potentially compromising safety standards. Dongkuk CM, along with industry peers, seeks urgent regulatory action to safeguard the local steel industry.

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[Siderperu Reports Strong Profit Growth in 2024, Driven by Increased Shipments](#)

Updated on : Mar 01, 2025 09:49 am

Synopsis: Siderperu, a Peruvian steel producer, reported a significant increase in profits for 2024. The company achieved a net profit of \$48.1 million, up from PEN 115.7 million

in 2023. This growth was driven by a rise in shipment volumes, even though the average product price slightly decreased. Net sales rose by 1.9% to PEN 2.429 billion, while both gross and operational profits surged by 52.5%.

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[Fenix Resources Expands Horizon with Acquisition of CZR Resources to Boost Iron Ore Production](#)

Updated on : Mar 01, 2025 09:49 am

Synopsis: Fenix Resources Limited, an Australian iron ore producer, has entered into a binding agreement to fully acquire CZR Resources, a mineral exploration company. This acquisition includes CZR's Robe Mesa iron ore project, one of the largest iron ore assets in Pilbara, Western Australia. With this move, Fenix Resources aims to expand its operations and triple its iron ore production, reaching about 140 million metric tons. The deal positions Fenix to become a major player in the Western Australian iron ore sector.

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[Simandou Iron Ore Project: A New Global Player Amid Shifting Demand Trends](#)

Updated on : Mar 01, 2025 09:49 am

Synopsis: Rio Tinto is preparing for the launch of its Simandou project in Guinea, aiming to supply 60 million metric tons of iron ore per year. Despite weakening demand from China, the world's largest iron ore importer, the project holds promise due to its high-grade material and strategic importance. The project is expected to significantly impact the global iron ore market, with Simandou's first cargo arriving by the end of 2025, potentially altering market dynamics.

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[Revolutionizing Material Bonds: The Power of Magnetic Pulse Welding in Joining Dissimilar Metals](#)

Updated on : Mar 01, 2025 09:49 am

Synopsis: Scientists at Novosibirsk State Technical University, in collaboration with the Lavrentiev Institute of Hydrodynamics, have developed a breakthrough welding technology called magnetic pulse welding. This technique allows the joining of previously incompatible materials like aluminum and steel without the need for heat-based processes. By using high-speed impacts, magnetic pulse welding creates strong, durable connections with numerous applications in automotive, electronics, and pipe manufacturing industries. This method is faster, safer, and environmentally friendly compared to traditional welding technologies.

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[Strengthening Concrete: The Elevated Temperature Resilience of Steel Fiber-Reinforced Rubber Concrete](#)

Updated on : Mar 01, 2025 09:49 am

Synopsis: Steel fiber-reinforced rubber concrete exhibits remarkable resilience after exposure to high temperatures, making it a prime candidate for applications requiring fire resistance. This study examines the effects of steel fibers and rubber particles on SFRRC's mechanical properties, such as compressive, tensile, and flexural strengths, when subjected to temperatures ranging from ambient to 800°C. The results reveal improved strength and durability, offering potential in high-risk environments like industrial kilns and nuclear power plants.