

## **German Chancellor Open to Nuclear Hydrogen for Green Steel Production**

*Updated on: Jan 29, 2025*

*Synopsis: German Chancellor Olaf Scholz has expressed openness to the idea of using hydrogen produced via nuclear power in France for the production of green steel in Germany. This stance aligns with Germany's push to transition its steel industry to more sustainable methods, despite challenges such as delays in investment and concerns over the availability of renewable hydrogen.*

## **Tata Steel Partners with Sir Robert McAlpine for £1.25 Billion Green Steel Investment at Port Talbot**

*Updated on: Jan 29, 2025*

*Synopsis: Tata Steel has appointed Sir Robert McAlpine as the main contractor for its £1.25 billion investment to transform Port Talbot into a hub for low-CO<sub>2</sub> steel production. This green steel project will build a state-of-the-art electric arc furnace facility, producing 3 million metric tons of steel annually, and is set to support decarbonisation goals over a three-year construction period.*

## **GreenIron Leverages ABB Technology to Pioneer Circular Metal Production in Sweden**

*Updated on: Jan 29, 2025*

*Synopsis: GreenIron, a Swedish innovator in fossil-free metal production, partners with ABB to deploy an advanced control system in its Sandviken facility. This collaboration aims to scale GreenIron's hydrogen-based reduction technology, enabling sustainable production of sponge iron, cutting CO<sub>2</sub> emissions, and advancing the circular economy in the metals and mining sectors.*

## **Revolutionizing Green Steel for Wind Towers: A Step Towards Sustainability in Germany**

*Updated on: Jan 29, 2025*

*Synopsis: A partnership between ENERCON, Salzgitter AG, and TMGROUP has led to the creation of an emissions-reduced steel tower for onshore wind turbines in Germany. This collaboration marks a significant step towards sustainability, reducing CO<sub>2</sub> emissions by over 70% in the steel production process. The "green steel" tower will be used in*

*ENERCON's E-138 EP3 wind turbine at the Diepholzer Bruch wind park in early 2025, making it one of Europe's first onshore turbines to feature this eco-friendly technology.*

### **Volvo CE Integrates Low Carbon Emission Steel into Articulated Hauler Production for a Greener Tomorrow**

*Updated on: Jan 29, 2025*

*Synopsis: Volvo CE has pioneered a significant shift in its sustainability journey by incorporating low carbon emission steel into the serial production of all articulated haulers at its Braås facility in Sweden. This initiative is part of Volvo CE's broader strategy to reduce its carbon emissions, with the company aiming for net-zero greenhouse gas emissions by 2040. By utilizing this innovative steel, Volvo CE will cut over 13,000 metric tons of CO<sub>2</sub> emissions annually, contributing to both operational efficiency and sustainable product development.*

### **Lhyfe's Groundbreaking Green Hydrogen Plant in Northern France Set to Transform Industry**

*Updated on: Jan 29, 2025*

*Synopsis: Lhyfe, a leader in green hydrogen production, is constructing its first site in northern France, set to produce up to two metric tons of renewable hydrogen per day by 2026. This facility in Croixrault will help decarbonize local industries and transport, advancing energy sovereignty and sustainable re-industrialization in the Hauts-de-France region.*

### **The Dawn of 2025, Part 16: India's Steel Odyssey: Navigating Overcapacity Dilemma**

*Updated on: Jan 28, 2025*

*Synopsis: India's steel industry, driven by ambitious goals set in the National Steel Policy of 2017, has been on a rapid growth trajectory. However, the dream of reaching 300 million metric tons of crude steel production by 2030 is now clouded by an emerging overcapacity crisis. Despite aggressive expansions, demand has not kept up, creating a supply glut that threatens to undermine the industry's stability. This article explores India's steel industry's growth, the challenges of overcapacity, the impact of global market dynamics, and the crucial need for sustainable development in the face of shifting demand.*

## **Ancora Stirs US Steel's Leadership: Proposes Iconic CEO Alan Kestenbaum for Vital Turnaround**

*Updated on: Jan 28, 2025*

*Synopsis: Ancora Holdings has launched a decisive challenge to US Steel's Board of Directors, proposing Alan Kestenbaum as the new CEO and nominating a slate of nine independent candidates. The investment firm criticizes the Board's ill-fated pursuit of a sale to Nippon Steel, a move it believes has hampered U.S. Steel's potential. With an eye on returning the company to profitability and shareholder growth, Ancora advocates for a focused turnaround strategy rather than continued foreign acquisition efforts.*

## **Tata Steel Surpasses Expectations with 14% YoY EBITDA Growth Amid Global Challenges**

*Updated on: Jan 28, 2025*

*Synopsis: Tata Steel has posted a strong performance for the first nine months of FY2025, reporting a 14% YoY increase in EBITDA to Rs 19,040 crores. The company continues to make strides in both production and delivery, particularly in India, where it saw a solid 8% YoY growth. Despite challenges such as global economic slowdowns and steel price pressures from Chinese exports, Tata Steel is on track with its growth initiatives, including transitioning to low-carbon steelmaking and expanding operations at Kalinganagar.*

## **Assofermet Opposes EU Steel Import Safeguard Extensions, Calls for Structural Solutions**

*Updated on: Jan 28, 2025*

*Synopsis: Assofermet, the Italian association representing distributors of steel products, has criticized the potential extension and tightening of the EU's safeguards on steel imports. The group argues that these measures won't address the underlying structural issues in the steel market, urging the European Commission to focus on boosting demand and economic policies instead of further protectionism.*

## **Gerdau CEO Gustavo Werneck Highlights China's Impact on Global Steel Trade**

*Updated on: Jan 28, 2025*

*Synopsis: Gustavo Werneck, CEO of Gerdau, voiced concerns about China's steel exports and Brazil's ineffective import quotas during the World Economic Forum in*

Davos. He stressed the need for open markets as China seeks new export channels to sustain its economy.

### **Urgent Reform Needed: Fixing the Carbon Border Adjustment Mechanism to Protect EU Steel**

Updated on: Jan 28, 2025

*Synopsis: The Carbon Border Adjustment Mechanism, set to launch in 2026, is critical for preventing carbon leakage and supporting Europe's steel decarbonisation goals. However, urgent improvements to the current CBAM proposal are required, including protecting European exports, addressing circumvention practices, and ensuring a fair and effective design. Without these changes, the mechanism may fail to safeguard European competitiveness in the global steel market.*

### **Fortescue's Hydrogen Quest: Price Challenges Amid Waning Green Demand**

Updated on: Jan 28, 2025

*Synopsis: Fortescue Energy CEO Mark Hutchinson discussed the key issue of making green hydrogen price-competitive at the World Economic Forum in Davos. He highlighted the slow emergence of demand for green hydrogen due to high production costs and insufficient government subsidies. The company aims to overcome these challenges by reducing costs and positioning hydrogen as a feasible alternative to fossil fuels.*

### **ArcelorMittal Brazil Unveils Eco-Friendly XCarb® Spring Flat Bar for Automotive Market**

Updated on: Jan 28, 2025

*Synopsis: ArcelorMittal Brazil has introduced its innovative XCarb® Spring Flat Bar, a sustainable steel product designed for the automotive industry. Manufactured with 100% recycled steel and renewable energy, the product promises a significant reduction in carbon emissions in vehicle suspension systems.*

### **SEE Holding & AGSI Forge Alliance for Low-Carbon Steel in Sustainable Construction**

Updated on: Jan 28, 2025

*Synopsis: SEE Holding and Arabian Gulf Steel Industries have partnered to advance sustainable construction practices by incorporating low-carbon steel in future projects. The collaboration focuses on reducing carbon emissions, promoting a circular economy, and driving innovation in eco-friendly building materials. This partnership emphasizes the importance of net-zero construction and aims to transform the region's infrastructure development.*

### **Green Steel Revolution: How Saarstahl Rail's Climate-Friendly Production Won €1B SNCF Contract**

*Updated on: Jan 28, 2025*

*Synopsis: Saarstahl Rail has secured a €1 billion, six-year contract with SNCF Réseau by producing climate-friendly rails using green steel made in electric arc furnaces. This method, which reduces CO<sub>2</sub> emissions by up to 70%, has proven that eco-conscious manufacturing can lead to major business wins, with the deal promising significant environmental benefits and job growth in local communities.*

### **AZA Acero Sostenible Transforms 24,000 Weapons into Scrap for a Sustainable Future**

*Updated on: Jan 28, 2025*

*Synopsis: AZA Acero Sostenible has successfully destroyed 24,000 weapons in Chile, turning them into scrap metal for recycling. This initiative highlights the power of public-private partnerships to address security issues while promoting sustainability.*