

## **The EU's Hidden Methane Crisis in Steel Production: A Missed Opportunity for Climate Action**

March 5, 2025

Synopsis: In 2023, the EU steel sector became the largest industrial emitter of both CO<sub>2</sub> and methane, a potent greenhouse gas. While the focus of climate policy has mainly been on reducing CO<sub>2</sub> emissions, the overlooked issue of methane emissions from coking coal, an essential raw material in steel production, remains largely unaddressed. Despite the EU Methane Regulation aiming to curb methane emissions, coking coal has been exempted until 2027, delaying meaningful action and risking the EU's ability to meet its climate goals. This article delves into the scale of methane emissions from the EU steel industry, the regulatory gaps that have hindered effective action, and the urgent need for stricter methane controls in steel production.

## **EU Eases Car CO<sub>2</sub> Compliance: A Strategic Shift with Far-Reaching Implications for Automakers**

March 5, 2025

Synopsis: The European Commission has decided to relax CO<sub>2</sub> compliance rules for carmakers, allowing them a three-year window instead of an annual compliance deadline. While this provides relief to the automotive industry, environmental groups argue it might slow down the EU's progress in the electric vehicle (EV) transition, particularly in terms of charging infrastructure and battery production. This shift could risk Europe falling behind China in the global EV race.

## **Impact of EU's Carbon Border Adjustment on Indian Exports: A Looming Challenge for High-Emission Industries**

March 5, 2025

Synopsis: Thomas Kerr, Lead Climate Specialist at the World Bank, warned of the significant threat posed by the European Union's Carbon Border Adjustment Mechanism (CBAM) to Indian exports, especially in the steel, aluminum, and other high-emission industries. During his address at PRAKRITI 2025, Kerr discussed how India's carbon market will be increasingly influenced by global carbon pricing mechanisms, urging Indian businesses to prepare for these shifts and take urgent action to adapt to evolving domestic and international market demands.

## **SSAB & Toyota Material Handling Europe Forge Fossil-Free Steel Partnership to Reduce Carbon Footprint**

March 5, 2025

Synopsis: SSAB and Toyota Material Handling Europe have partnered to reduce the carbon footprint of material handling equipment by using SSAB's fossil-free steel, SSAB

Zero™. This collaboration marks a significant step towards a net-zero future, with Toyota becoming the first material handling equipment manufacturer to adopt this innovative steel technology.

### **SteelAsia Embarks on a Sustainable Journey with TotalEnergies ENEOS' 1.9 MW Solar Rooftop Project**

March 5, 2025

Synopsis: TotalEnergies ENEOS has successfully commissioned a 1.9 MWp solar rooftop system at SteelAsia's Meycauayan facility in the Philippines. This marks SteelAsia's first solar initiative and supports its broader decarbonization strategy, reducing 2,300 tons of CO<sub>2</sub> emissions annually. With over 3,200 solar modules installed, this project is part of SteelAsia's ongoing commitment to sustainability.

### **Suzlon Secures Record-Breaking 205MW Wind Turbine Order to Power Jindal Steel's Green Initiatives**

March 5, 2025

Synopsis: Indian wind turbine manufacturer Suzlon has secured a 205MW wind turbine order from Jindal Green Wind, a subsidiary of Jindal Renewables, to power the company's steel plants in Chhattisgarh and Odisha. This order, which is Suzlon's largest from the commercial and industrial sector, will play a crucial role in Jindal Steel's green energy transition, significantly boosting the operational sustainability of its plants while contributing to India's renewable energy goals.

### **Australia Sets Sail for Offshore Wind Success with Local Steel Manufacturing Boost**

March 5, 2025

Synopsis: Australia has taken a bold step toward becoming a global leader in offshore wind energy with the announcement of the Star of the South project in Gippsland, which will partner with Bluescope to explore using Australian-made steel for turbine foundations and platforms. This initiative aligns with a \$500 million investment by the government to ensure that Australian-made steel powers offshore wind projects, benefiting both the renewable energy and local manufacturing sectors.

### **ANDRITZ to Engineer 100 MW Green Hydrogen Plant in Germany, Supporting Europe's Sustainable Future**

March 5, 2025

Synopsis: ANDRITZ, a global technology leader, has secured an order for the engineering of a 100 MW green hydrogen plant in Rostock, Germany. The plant is set to be one of the first to supply Germany's Hydrogen Core Network, playing a vital role in Europe's green energy transition. This collaboration with REPCO, a joint venture of major energy players,

will bolster Germany's decarbonization efforts and advance the development of the European Hydrogen Backbone infrastructure, with commissioning planned for 2027.