

## **Climate Crisis & Steel Industry Challenges: Decarbonization Efforts Under Threat**

*Updated on: Feb 5, 2025*

*Synopsis: A significant gap exists between global decarbonization investments and actual needs, with climate policies faltering. Steel industry decarbonization efforts are particularly endangered by both trade tensions and limited financial support.*

## **Scholz Calls Green Steel the “Foundation for the Future” of the Industry**

*Updated on: Feb 5, 2025*

*Synopsis: German Chancellor Olaf Scholz emphasizes that green steel is vital for the industry's future. He highlights the need for Europe to collaborate in keeping the steel sector competitive, during a visit to ThyssenKrupp's Duisburg plant.*

## **Danieli Powers Green Steel Production with High-Tech Furnace for Acciaierie Venete**

*Updated on: Feb 5, 2025*

*Synopsis: Danieli will supply a state-of-the-art, 100-ton electric-arc furnace to Acciaierie Venete in Italy, allowing them to produce 750,000 metric tons of high-quality, eco-friendly steel annually. The innovative furnace features cutting-edge automation, ensuring safety, low emissions, and high operational efficiency.*

## **Salzgitter's Vision for Green Steel: Transforming the Industry for a Sustainable Future**

*Updated on: Feb 5, 2025*

*Synopsis: Salzgitter AG is committed to reducing its CO<sub>2</sub> emissions by up to 95% by 2033 through its innovative SALCOS® program, utilizing hydrogen instead of coal in steel production. With Deutsche Bank as a key partner, Salzgitter is paving the way for a greener steel industry, despite the challenges posed by high transformation costs.*

## **Meranti Green Steel's Bold Blueprint for a Sustainable, Carbon-Neutral Thailand**

*Updated on: Feb 5, 2025*

*Synopsis: Meranti Green Steel (Thailand) aims to revolutionize Thailand's steel industry by introducing green steel production, which minimizes carbon emissions and nitrogen*

oxide output. With a focus on sustainable practices, the company's vision aligns with Thailand's commitment to carbon neutrality and provides a competitive edge in Southeast Asia's steel sector.

### **Steel's Decarbonization Odyssey: Forging a Net-Zero Future Amidst Challenges**

Updated on: Feb 5, 2025

*Synopsis: Steel, a cornerstone of modern infrastructure, is pivotal in building a net-zero economy. While Canada's steel industry is relatively low-carbon, decarbonizing it remains a complex challenge. Innovations like electric arc furnaces and hydrogen-based ironmaking are key, but cost-effective policies and technological advancements are essential for deeper emissions cuts.*

### **British Steel Seeks Carbon Cost Relief to Secure Jobs in Scunthorpe Steelworks**

Updated on: Feb 5, 2025

*Synopsis: Unions representing workers at British Steel have urged the UK government to provide relief from additional carbon costs to save thousands of jobs in Scunthorpe. The unions presented a plan to British Steel's owners, Jingye, which includes keeping two blast furnaces operational, but the future of the blast furnaces hinges on government action.*

### **L&T Secures Major Contract to Build Pellet ^ DRI Plants in MENA Region**

Updated on: Feb 5, 2025

*Synopsis: India's Larsen & Toubro has secured a major contract to design and build a pellet plant and direct reduction iron plant for a large regional steel producer in the Middle East & North Africa. The project is valued between \$574 million and \$1.15 billion.*

### **Europe's Road to Zero Emissions: 2025 Marks a Turning Point for Transport CO<sub>2</sub> Emissions**

Updated on: Feb 5, 2025

*Synopsis: New projections suggest that road transport CO<sub>2</sub> emissions in the European Union could peak by 2025, thanks to new CO<sub>2</sub> standards for vehicles. However, this promising trajectory is vulnerable to regulatory rollbacks.*