

Tata Steel UK Wins Approval for £1.25 Billion Green Steel Investment in Port Talbot, Securing Jobs & Reducing Emissions

February 19, 2025

Synopsis: Tata Steel UK has secured planning approval for a £1.25 billion green steelmaking facility in Port Talbot, set to significantly reduce CO₂ emissions by 90% while preserving 5,000 jobs. This major move towards Electric Arc Furnace technology marks a pivotal moment for the UK's transition to sustainable steel production. The new facility will begin large-scale work in the summer of 2025 and is expected to be operational by the end of 2027.

ArcelorMittal Unveils Low-CO₂ Steel Innovations at Bauma 2025 for Sustainable Construction

February 19, 2025

Synopsis: ArcelorMittal is showcasing innovative, low-carbon steel solutions at the Bauma 2025 event in Munich, with a focus on sustainability. The company is presenting advanced steel products, including XCarb®-branded materials, which feature up to 81% lower CO₂ emissions. These products, ideal for the construction and machinery sectors, highlight ArcelorMittal's commitment to decarbonization and sustainability.

Gerdau Secures B Rating in Water Security, Showcases Sustainability Leadership

February 19, 2025

Synopsis: Gerdau, Brazil's largest steel producer, has achieved a B rating in the 2024 CDP assessment for water security, reflecting the company's efforts in sustainable water management. With a strong focus on water reuse, recirculation systems, and zero effluent discharge, Gerdau continues to lead in both water and climate management. In the Climate Change module, it maintained its A- rating, underscoring its commitment to sustainability.

Ferrogami Revolutionizes Steel Industry with AI-Optimized Alloys and Origami-Inspired Design

February 19, 2025

Synopsis: Ferrogami, a groundbreaking steel material, promises to reduce carbon emissions while enhancing humanoid robotics. A collaboration between Ferritico and STILFOLD, Ferrogami combines AI-driven alloy design and origami-inspired folding techniques to create a lightweight, durable material ideal for industrial automation and robotics.

European Commission Endorses €2.3 Billion Finnish State Aid Scheme for Net-Zero Transition

February 19, 2025

Synopsis: The European Commission has approved Finland's €2.3 billion state aid scheme, aimed at accelerating investments in key sectors that contribute to the country's transition to a net-zero economy. This funding will support decarbonisation efforts across industries, renewable energy projects, and the production of strategic equipment such as batteries and wind turbines, helping Finland meet its climate goals.