

Climate Cataclysm in LA: A Wake-Up Call to Deny Climate Change at Our Peril

Updated on: Jan 14, 2025

Synopsis: Christine Jardine reflects on the devastation caused by the Los Angeles wildfires, underscoring the deepening climate crisis. These unprecedented fires, fueled by extreme weather conditions, highlight the urgent need to confront climate change. The article calls on political leaders to take responsibility and act, especially as the world continues to grapple with catastrophic climate events.

LA Wildfires Threatened by 'Explosive' Growth as Santa Ana Winds Return to SoCal

Updated on: Jan 14, 2025

Synopsis: After some respite in winds, Los Angeles faces the return of powerful Santa Ana winds, potentially fueling explosive wildfire growth. With gusts up to 70mph (112km/h), California firefighters brace for another crucial period of containment.

Infernos of Devastation: The California Wildfires & Their Climate Connection

Updated on: Jan 14, 2025

Synopsis: In early January, a series of devastating wildfires ravaged Los Angeles, California, burning thousands of acres, claiming at least 24 lives, and triggering widespread evacuations. As authorities struggle to contain the blazes, the role of climate change has sparked fierce political debates. The fire's rapid spread and the destruction of entire neighbourhoods highlight the urgent need for comprehensive climate action.

JFE Steel's Revolutionary Ferritic Stainless Steel Boosts SOFC Efficiency and Sustainability

Updated on: Jan 14, 2025

Synopsis: JFE Steel has developed a groundbreaking ferritic stainless steel, JFE-FC1, for interconnects in Solid Oxide Fuel Cells, offering superior oxidation resistance and conductivity without the need for costly coatings. This innovation promises to accelerate

the adoption of SOFCs as CO₂-free green power sources, supporting global sustainability efforts.

€1.8 Million EU Grant Powers Innovative Hydrogen Decarbonization in Blast Furnaces

Updated on: Jan 14, 2025

Synopsis: The EU has awarded €1.8 million to a cutting-edge research project aimed at decarbonizing the steelmaking industry. The project, which involves hydrogen pulse injection into blast furnaces using the Sequence Impulse Process technology, will help reduce CO₂ emissions in steel production. The collaboration brings together top industry players and will explore hydrogen as a solution for achieving carbon-neutral steel by 2050.

Lithuanian Steelmaker Nord Steel Joins Forces with MT Group in €1.4 Million Green Hydrogen Venture

Updated on: Jan 14, 2025

Synopsis: Nord Steel has secured a €1.4 million contract to manufacture advanced hydrogen storage tanks for the first green hydrogen production and refueling station in the Baltic States, set to be built at the Port of Klaipėda. This partnership is expected to boost Lithuania's role in Europe's sustainable energy transition.

Kocaer Çelik Sets Bold Decarbonization Targets to Align with EU Green Deal & Boost Sustainability

Updated on: Jan 14, 2025

Synopsis: Kocaer Çelik, a leading steel profile manufacturer in Turkey, has unveiled its ambitious decarbonization goals, targeting a significant reduction in carbon emissions by 2030. These efforts align with the EU's Green Deal, focusing on renewable energy, alternative fuels, and energy efficiency.

Teesside Steel Furnace Debate: Political Tensions Rise Over Future of British Steel's Decarbonization Plans

Updated on: Jan 14, 2025

Synopsis: Amid growing political tensions, British Steel maintains that no final decision has been made regarding the location of its new steelmaking furnace. While some reports suggest both Electric Arc Furnaces will be built in Scunthorpe, local leaders in Teesside are fighting to ensure their region is not left behind.

thyssenkrupp Steel at BAU 2025: Crafting Sustainable Elegance with Steel

Updated on: Jan 14, 2025

Synopsis: At BAU 2025, thyssenkrupp Steel showcases sustainable innovations for modern construction. Featuring CO₂-reduced bluemint® Steel, ideal for façades and roofs, alongside pladur® organic coil-coated steel and ZM Ecoprotect® corrosion protection, the company highlights solutions that merge functionality, beauty, and sustainability. Visitors can meet experts and explore these groundbreaking products at the IFBS stand, Hall B2, booth 303.

EU's Green Renaissance: What's Next for Nature & Climate Action in 2025?

Updated on: Jan 14, 2025

Synopsis: In 2025, the European Commission faces critical decisions that will shape the future of nature and climate policies in Europe. With significant moves on agriculture, biodiversity, and climate change, the EU must take bold actions to address pressing environmental issues, including agricultural transformation, nature restoration, and the clean energy transition.

Europe's Renewable Revolution: Growth Ahead, But Net Zero Goals Remain Elusive

Updated on: Jan 14, 2025

Synopsis: A new study reveals that Europe is on track to triple its renewable energy capacity by 2050, but challenges such as market saturation, grid congestion, and negative energy prices threaten to derail its path to achieving net-zero emissions goals.

2024 UK Climate Surge: Record-Breaking Warmth & the Call for Immediate Action

Updated on: Jan 14, 2025

Synopsis: 2024 marks the UK's fourth warmest year, signaling the intensifying climate crisis. From an exceptionally warm spring to a record-breaking February, the effects of climate change are evident. More than ever, urgent action is needed to mitigate rising temperatures and address the devastating consequences of fossil fuel reliance.

UK's Race to Net Zero by 2050: Energy Efficiency, Data, & Regulatory Shifts in 2025

Updated on: Jan 14, 2025

Synopsis: The UK aims to meet net zero by 2050, and energy efficiency is key to achieving this target. With regulations evolving, businesses face significant deadlines in 2025, requiring effective carbon reduction plans, accurate energy data, and adaptation to new standards. Experts discuss the challenges and opportunities ahead for companies navigating this transition.

Supreme Court Allows Hawaii's Landmark Lawsuit Against Fossil Fuel Giants to Proceed

Updated on: Jan 14, 2025

Synopsis: The US Supreme Court has ruled that a lawsuit against fossil fuel companies, filed by Honolulu officials, can proceed, marking a significant step in the fight for climate accountability. The lawsuit accuses oil and gas companies of spreading misinformation about their products' environmental impact, and now the case moves forward to trial.

Norway's Electric Vehicle Surge: A Model for the World's Green Future

Updated on: Jan 14, 2025

Synopsis: Norway leads the world in electric vehicle adoption, with 88.9% of new cars sold in 2024 being electric. This remarkable shift is the result of decades of supportive policies and incentives. With a robust charging infrastructure and favorable economic conditions, Norway is set to phase out fossil fuel cars by 2025. Can other nations replicate this success?

Amazon Reforestation: Mombak's Bid to Restore the Jungle & Salvage Carbon Markets

Updated on: Jan 14, 2025

Synopsis: Mombak, a Brazilian company, is leading an ambitious reforestation project in the Amazon with financial backing from global giants like Google, Microsoft, and McLaren. The project aims to plant millions of trees to offset carbon emissions. By focusing on biodiversity and sustainability, Mombak hopes to restore faith in the carbon credit market, which has faced growing skepticism due to overestimated claims and ineffective reforestation efforts.

Unlocking Earth's Water & Energy Cycles: The Power of SWOT Satellites

Updated on: Jan 14, 2025

Synopsis: The Surface Water and Ocean Topography satellite is revolutionizing the way we observe Earth's water systems, providing detailed measurements of water volume and height across the globe. As the planet's climate changes, SWOT helps scientists track and predict alterations in the global water cycle, offering critical data for water management, climate resilience, and future Earth-system research.

Shifting Shores: How the Great Barrier Reef's Fish Communities Reflect Global Biodiversity Changes

Updated on: Jan 14, 2025

Synopsis: A new study reveals major changes in the fish communities of the Great Barrier Reef, linked to climate change and human-induced disturbances. These

transformations, including shifts in species diversity and composition, raise questions about how long-established patterns of life on Earth, like the latitudinal diversity gradient, are evolving in response to global pressures.

Marks & Spencer Accelerates Net Zero Journey with 85 Low-Emission Vehicles

Updated on: Jan 14, 2025

Synopsis: Marks & Spencer has introduced 85 new lower-emission vehicles to its logistics fleet as part of its efforts to reach net zero by 2040. This includes the addition of five zero-emission battery electric trucks to reduce the carbon footprint of its supply chain operations, supporting both environmental goals and operational efficiency.