

## **The Dawn of 2025, Part 23: Primus Utiliores**

*Updated on: Feb 1, 2025*

*Synopsis: Green steel, a sustainable and low-carbon alternative to traditional steel, is gaining momentum globally. Companies in diverse sectors such as automotive, construction, and consumer goods are rapidly adopting green steel to meet their environmental goals. This article highlights the key buyers of green steel, the partnerships driving the industry, and the role of steelmakers in meeting this growing demand for a sustainable future.*

## **Hydrogen-Powered "Green Iron Project" Faces Uncertainty After Federal Funding Pause**

*Updated on: Feb 1, 2025*

*Synopsis: The pioneering "Green Iron Project," which aims to use hydrogen-based energy for steel production, faces delays due to a temporary halt on federal grants. This project, backed by a pending \$1.3 million grant from the U.S. Department of Energy, could revolutionize iron and steel production in the U.S., enhancing energy stability and creating new jobs.*

## **British Steel Hosts Steel Council Leader Amid Decarbonisation Talks and UK Strategy Development**

*Updated on: Feb 1, 2025*

*Synopsis: British Steel has welcomed Jon Bolton, co-chairman of the newly formed Steel Council, to its Scunthorpe headquarters as discussions continue on the UK government's upcoming steel strategy. The strategy, supported by £2.5 billion in funding, aims to address industry challenges and secure the future of UK steelmaking.*

## **Revolutionizing Steel Production: US Steel's Carbon-Capture Project Turns Emissions into Value**

*Updated on: Feb 1, 2025*

*Synopsis: US Steel is embarking on an innovative carbon-capture project to reduce CO<sub>2</sub> emissions from steel production by converting them into carbon-neutral calcium carbonate. This breakthrough initiative promises to create a sustainable and profitable solution for multiple industries.*