

Critical minerals like lithium, cobalt and rare earth elements are fundamental to technologies such as electric vehicles, wind turbines and solar panels, making them indispensable ...

Minerals such as lithium, nickel, copper, and cobalt - often called "transition minerals" or "critical minerals"\* are playing an increasingly pivotal role globally. These minerals have many different uses ...

Governments are working to strengthen supply chains and promote recycling, while SFA (Oxford) provides expert insights into critical minerals policy. Lithium-ion batteries, rare earth elements, and ...

We outline the ways the world currently mines, refines, and deploys a few key metals that are essential for renewable energy and electric vehicles.

Minerals - such as copper, lithium, nickel, cobalt - are essential components in many of today's rapidly growing clean energy technologies, from wind turbines and solar panels to electric ...

This report considers a wide range of minerals and metals used in clean energy technologies, including chromium, copper, major battery metals (lithium, nickel, cobalt, manganese and graphite), ...

Discover the essential minerals driving renewable energy and its revolution, from lithium and cobalt to rare earth elements.

Why Are Critical Minerals and Materials Important? To become more energy efficient, independent, sustainable, and affordable, the United States will need to significantly increase its ...

Several of the 35 mineral commodities listed as critical by the Department of the Interior play an important role in solar panels, where the Sun's energy is transformed to electricity.

The Global Critical Minerals Outlook 2024 follows the IEA's inaugural review of the market last year. It provides a snapshot of industry developments in 2023 and early 2024 and offers medium- and long ...

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