

## Weekly News Bulletin

### 18<sup>th</sup> December – 23<sup>rd</sup> December 2023

#### The Environment

##### [India's roadmap for carbon reduction and environmental resilience: Opinion](#)

Date: December 15, 2023

Keyword: Renewable Energy

India recently demonstrated its dedication to carbon reduction and environmental sustainability at the 28th Conference of the Parties (COP28) in Dubai. The nation has made great progress toward fulfilling its Nationally Determined Contributions (NDCs), which call for a 50% reduction in carbon emissions by 2030 and net-zero emissions by 2070. Prime Minister Narendra Modi highlighted these accomplishments. In addition, he introduced the Green Credit System, a brand-new program designed to encourage people to live sustainably and as a community.

#### Construction Week

##### [Hindalco invests Rs 800 cr in Odisha for EV market battery foil production](#)

Date: December 18, 2023

Keyword: Hindalco

In order to meet the demand of the rapidly expanding market for electric vehicles (EVs) and energy storage systems, Hindalco Industries, an aluminum rolling and recycling company, intends to significantly expand its manufacturing capacity of fine-quality aluminum foil that is used in rechargeable batteries. The business is investing Rs 800 crore to construct a new facility close to Sambalpur, Odisha, which will initially generate 25,000 tonnes of the robust substance that serves as the foundation for sodium- and lithium-ion batteries. India's need for battery-grade aluminium foil is predicted to increase dramatically to 40,000 tonnes by 2030, mostly due to the rapid expansion of gigafactories that produce advanced cells.

#### Manufacturing Today

##### [Revolutionising battery manufacturing: An upward trend](#)

Date: December 19, 2023

Keyword: Renewable Energy

The global market for battery manufacturing equipment is expected to reach \$35 billion by 2030, up from \$7.6 billion in 2022. A surge in demand for energy storage systems, a shift to green manufacturing, and the dominance of mixing machines, particularly ribbon mixers, are among the key trends. Growth drivers include: Lithium-ion gigafactories increase battery production while lowering costs. Demand for advanced machinery is being fueled by the electric vehicle boom. The increased reliance on renewable energy increases the demand for increased battery production.

## Electrical India

### [Renewable Energy DEPLOYMENT IN MINING AND METALS SECTOR](#)

Date: December 20, 2023

Keyword: Renewable Energy

Although the mining and metals sector is viewed as a polluting industry that emits polluting substances and causes severe damage to the environment, our entire civilized society is dependent on it. Globally, this sector accounts for approximately 10% of total energy consumption. It is equivalent to the combined energy consumption of Australia, Mexico, South Korea, Italy, and Canada. Unfortunately, there is still a scarcity of renewable energy. This industry is heavily reliant on fossil fuels. Naturally, this industry contributes significantly to CO2 emissions. To give you an idea of how much pollution it causes, according to global data 2021, the "metals and mining industry accounts for approximately 4% to 7% of worldwide greenhouse gas emissions."

## The Financial Express

### [Anil Agarwal: The visionary chairman of Vedanta with a net worth of Rs 16,723 crore](#)

Date: December 21, 2023

Keyword: Vedanta

Anil Agarwal, the accomplished Indian billionaire and Chairman of Vedanta Ltd, is making headlines once again as the metals and mining company declares its second interim dividend for the fiscal year 2023-2024. This dividend, worth Rs 11 per share, amounts to a whopping Rs

4,089 crore. While the announcement has sparked online debate, it provides an excellent opportunity to learn more about Anil Agarwal's background, net worth, business ventures, and more.

