

Weekly News Bulletin

30th December 2024 – 4th January 2025

AL Circle

[Rethinking solar costs: Aluminium frames redefine PV industry margins](#)

Date: December 31, 2024

Keyword: Aluminium

At the recent annual conference of the China Photovoltaic Industry Association (CPIA), a renewable energy analyst from a publicly traded securities company renowned for its excellent asset quality and innovative capabilities highlighted significant cost shifts in the solar industry. The event, held earlier this month, underscored the sector's evolving dynamics.

Outlook Business

[Anti-Dumping Measures Against China to Manufacturing Boost: What Industries Expect from Budget 2025](#)

Date: December 30, 2024

Keyword: Manufacturing Industry

Various trade and industry bodies outlined essential policies to effectively combat Chinese dumping in India and to elevate the competitiveness of Indian manufacturers on the global stage during their pre-budget meeting with the Ministry of Finance on Monday. Finance Minister Nirmala Sitharaman chaired the fifth round of consultations on the upcoming budget. Industry associations, including the PHD Chamber of Commerce and Industry (PHDCCI) and the Associated Chambers of Commerce and Industry of India (ASSOCHAM), asserted the necessity for stringent measures to counteract Chinese dumping. Furthermore, they firmly advocate for robust manufacturing support, with a particular emphasis on empowering medium and small enterprises (MSMEs) to thrive in a competitive environment.

AL Circle

[PNNL's ShAPE technology transforms aluminium scrap into high-value alloys](#)

Date: January 1, 2025

Keyword: Aluminium

Researchers at the Department of Energy's Pacific Northwest National Laboratory (PNNL) have developed a groundbreaking method to directly transform and upgrade metal scrap into high-performance, high-value alloys using a technique called "solid-phase alloying." This innovative approach eliminates the need for conventional melting processes.

News24

[PLI Schemes Driving Manufacturing Sector To New Heights, Reshaping Industries](#)

Date: January 1, 2025

Keyword: Manufacturing Industry

The Production Linked Incentive (PLI) schemes across 14 sectors under the Make in India initiative are demonstrating good results. The manufacturing and construction sectors saw near double-digit growth in FY 2023-24. This surge in industrial growth is largely attributed to the continued success of the 'Make in India' initiative, which has helped boost India's manufacturing landscape over the past decade.

AL Circle

[NALCO celebrates 2024 with new milestones - fourfold growth in net profit and 97% production capacity achievement](#)

Date: January 1, 2025

Keyword: Nalco

National Aluminium Company Limited (NALCO), a 'Navratna' company under the Schedule 'A' category of CPSEs, is on the way to adding one more year of experience to its four decades of excellence in the mining, metal and power industries. Established on January 7, 1981, NALCO has evolved over the past 44 years into India's largest integrated producer of bauxite, alumina, aluminium, and power, demonstrating unwavering commitment, resilience, and dedication.

Down To Earth

[India's road to Net Zero needs a renewable energy boost](#)

Date: January 2, 2025

Keyword: Renewable Energy

Three years ago at the 26th Conference of Parties (COP26) to the United Nations Framework Convention on Climate Change in Glasgow, India declared a Net Zero emissions pathway goal by 2070. Reaching this objective will require phasing down coal-based power generation and increasing reliance on renewable, non-fossil energy sources by more than 20 percent above the present level.

AI Circle

[Global shift toward aluminium cans strengthens the packaging sector](#)

Date: January 1, 2025

Keyword: Aluminium flat-rolled product

As consumer preferences shift towards sustainability, transparency, and efficiency, aluminium is emerging as a material of choice for its recyclability, lightweight properties, and ability to preserve product quality. The aluminium packaging industry experienced steady growth in 2023, driven by an increasing demand for beverage cans and packaging foils. With over 11.5 million tonnes of aluminium flat-rolled products used in the packaging sector throughout the year, the industry's expansion has been fuelled by a shift away from traditional materials like plastic and glass.

PV Magazine

[Aluminum frames lead solar panel costs amid shifting industry prices](#)

Date: January 1, 2025

Keyword: Aluminium Industry

SinoLink Securities says aluminum frames now dominate solar panel costs, as material price shifts reshape the cost structure of the PV industry and drive the need for innovation. Yao Yao, a renewable energy analyst at SinoLink Securities, noted dramatic cost shifts in the solar industry during a recent speech at the China Photovoltaic Industry Association's (CPIA) annual conference earlier this month.

The Financial Express

[How aluminium is driving India's clean energy revolution](#)

Date : January 4, 2025

Keyword : India's clean energy revolution

India's clean energy journey places aluminium at the forefront of innovation, powering advancements in energy storage, transportation, and renewable infrastructure. With the country targeting 50% of electricity generation from renewable sources by 2030, aluminium has become indispensable in solar panels, wind turbines, and emerging technologies like floating photovoltaics. The growing demand for energy, combined with government initiatives to bolster renewable capacity and promote energy efficiency, underscores the metal's importance. Aluminium is also transforming the electric vehicle (EV) market with its sustainability, as over 90% of the metal can be recycled, conserving energy and driving demand for green aluminium. However, challenges such as low-quality scrap imports and inverted duty structures threaten the domestic aluminium sector's competitiveness. As India commits to significant investments in renewable energy, aluminium will play a pivotal role in the nation's sustainable growth and global climate action leadership.

The Economic Times

[Vedanta shares in focus as aluminium production jumps 3% YoY in Q3 updates](#)

Date : January 6, 2025

Keyword : Optimus Electronics

The company's alumina production for the nine months ending December 31, 2024, rose by 16% to 1,542kt. Vedanta also announced that it achieved record production levels of aluminum, alumina, and zinc in the first nine months of the year.

