

Low-carbon Aluminium: Market Dynamics and Pathway to Green Transition

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<https://doi.org/10.71659/icsoba2024-kn013>

Abstract

The aluminium industry stands at the forefront of the global transition to a low-carbon economy, driven by increasing regulatory pressures, investor demands and consumer preferences for sustainable materials. This presentation by Fastmarkets delves into the market dynamics shaping the low-carbon aluminium sector and the prices for these products by region. We will explore the willingness of aluminium buyers to pay for low-carbon production, highlighting major players and brands, emerging end markets and the role of renewable energy and scrap in reducing carbon footprints.

A critical analysis of the challenges and opportunities by region will be provided, addressing issues such as upcoming policy impacts and the need for industry-wide collaboration. Case studies of successful low-carbon initiatives will be presented, offering insights into new partnerships and technological advancements.

Fastmarkets is a global price reporting agency with more than 150 years of specialist commodity expertise. Our team of skilled price reporters assess low-carbon aluminium markets in the United States, Europe and Japan using a carbon threshold of 4 tonnes of CO₂ emissions per tonne of aluminium produced.

By the end of this presentation, participants will gain a deeper understanding of the global drivers behind low-carbon aluminium pricing, equipping them with knowledge to navigate the evolving landscape of sustainable aluminium production.

Keywords: Aluminium, Green aluminium, Low-carbon economy, Green transition, Price reporting agency (PRA) pricing.

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