
Jakarta Aluminum Alloy Energy Saving and Storage Equipment Project

Why is low-carbon aluminium so popular in Indonesia?

As such, demand for low-carbon aluminium is growing. Low-carbon aluminium is made through cleaner refining and smelting processes that rely on renewable energy sources rather than traditional carbon-fired ones, while also utilising inert anodes that prevent the formation of CO₂. Indonesia is a key source of transition metals, particularly nickel.

How can aluminium contribute to a sustainable future in Indonesia?

Indonesia has an opportunity to tap into significant economic growth through aluminium and contribute to the global transition to a more sustainable, greener way of life. However, achieving this will require strong collaborative efforts between industry, government and financial institutions.

Can Indonesia become a major player in the aluminium supply chain?

Indonesia has a prime opportunity to become a major player in the aluminium supply chain and take advantage of the commodity's surging prices. The country already has the resources and infrastructure to achieve this.

Will Press Metal build an alumina refinery in Indonesia?

Most recently, Press Metal announced interest in building a \$750 million alumina refinery in Indonesia, though capacity and timeline remains unclear. Fastmarkets calculated its daily benchmark alumina index, fob Australia at \$540.92 per tonne on September 25, its highest level since September 2018.

Learn how Indonesia's aluminium industry is powering growth and supporting the global transition to low-carbon metals and green technologies.

This paper, on the long-term planning of energy storage configuration to support the integration of renewable energy and achieve a 100 % renewable energy target, combines ...

Indonesia Asahan Aluminium (INALUM) has managed to maintain its operations through a combination of green energy and production efficiency, making it a real example of how a ...

REPUBLIKA .ID, JAKARTA -- Indonesia to achieve its target in aluminum self-sufficiency. Amid rising domestic demand for aluminum as a strategic material to support the ...

With the new capital Nusantara prioritizing renewable microgrids, Jakarta's storage solutions could become Indonesia's blueprint. Emerging trends like vehicle-to-grid integration and ...

Who's Reading This and Why Should They Care? Let's cut to the chase: If you're exploring Jakarta energy storage product production, you're likely either an industry insider, a ...

Oriental Hope Group has established a Southeast Asian company and plans to build a super-

large circular industrial base in ...

In-depth analysis of the core applications of aluminum alloys in the field of new energy, covering the material selection, processing technology and thermal management ...

Indonesia produced around 3.9 million tonnes of alumina in 2023, but Fastmarkets analysts forecast this could reach 10 million tonnes by 2025. Our research now shows that ...

REPUBLIKA .ID, JAKARTA -- Indonesia to achieve its target in aluminum self-sufficiency. Amid rising domestic demand for ...

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