

Jakarta Aluminum Alloy Energy Saving and Storage Equipment Project

Who is PT Indonesia Aluminium alloy (IAA)?

PT Indonesia Aluminium Alloy (IAA) is a subsidiary of PT Indonesia Asahan Aluminium (Persero) which was incorporated on 22 May 2020. The company is engaged in the aluminium midstream and downstream industry sector, specifically responsible for the revamping project and producing secondary aluminium billets. For more information, please contact:

Can Indonesia become a key player in the aluminium industry?

At the recent World Government Summit 2025, Abdunasser highlighted Indonesia's strong potential to become a key player in the aluminium industry. However, he emphasised the need for further discussions to outline and develop cooperative projects.

Will Inalum meet the needs of Indonesia's aluminum market?

The strategic project is expected to make INALUM is able to meet the needs of the aluminum market that still has a large potential in Indonesia and Regional. Delivery with NKRI's Independence warning to 77, as a INALUM donation for aluminum downstreaming, which presents subsidiary of the company called Indonesia Aluminium Alloy (IAA).

Why is Indonesia building more aluminum smelting capacity?

"The construction of additional aluminum smelting capacity in Indonesia can be attributed to two possible reasons: to ease the domestic shortfall and to use the country's bauxite resources to create more value for the economy," says Peh. Questionable financial case and climate commitment

Can Indonesia produce the best alumina?

It needs to be ensured that this aluminium sector cooperation has a big economic impact, especially in job creation. With the advanced capabilities and technology that we use, and the potential of natural resources that Indonesia has, it will produce the best alumina in large quantities," said Abdunasser.

Is Indonesia a potential country in the aluminium sector?

"Indonesia is a potential country in the aluminium sector, therefore it is necessary to continue to conduct feasibility studies to measure the efficiency of Indonesian aluminium products. Collaboration is needed with other parties, such as PLN, to develop low-carbon electricity to meet sufficient electricity supply for aluminium production.

Shanyi Aluminum Group Co., Ltd. is located in Linqu County, Weifang City, China (Jiangbei) Aluminum Profiles. Founded in 2001, it covers an area of more than 300,000 square meters, with total assets of 420 million yuan, and 1560 employees (including 127 ...

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Recycling of automotive aluminum Jirang CUI, Hans J. ROVEN Department of Materials Science and Engineering, Norwegian University of Science and Technology (NTNU), Alfred Getz vei 2, NO7491 Trondheim, Norway Received 23 October 2009; accepted 30 March 2010 Abstract: With the global warming of concern, the secondary aluminum stream is ...

In May 2020, Indonesia's coal-based energy company Adaro first proposed building a three-phase aluminum smelter complex at Kaltara Industrial Park in North Kalimantan. The Phase 1 smelter has a targeted output of 500 ...

Energy Industry Equipment. Utility Services. Water. Electrical Energy. Food and Drink. ... DOMESTIC PRODUCTION OF ALUMINUM IN INDONESIA IN 2020-2024. Volume, value, and dynamics of the domestic production of aluminum in Indonesia ... Unwrought Non-Alloy Aluminum Market; North America: Unwrought Non-Alloy Aluminum Market; Europe: Unwrought ...

Industries Project Energy, Etiam ultricies nisi vel augue. ... A356, ADC12 & aluminium alloy ingot. Produk daur ulang ini akan memenuhi dua kebutuhan kritis. Sekarang kapasitas kami 1200 Ton dan akan ditingkatkan menjadi 2000 Ton. info@swmmetal .id +62 851-6136-5379; Kawasan Industri Kujang Cikampek Kav. 18, Karawang 41373 - Indonesia ; Menu ...

Table .1 outlines the composition of principal grades of aerospace aluminum. 2xxx series aluminum alloys exhibit a Cu content ranging from 3.8 to 5.0 wt%, whereas the Cu content in 7xxx series aluminum alloys is less than 2.0 wt%. 7xxx aluminum alloys possess a Zn content between 5.1 and 7.3 wt%, while in the 2xxx series aluminum alloy, Zn is ...

The ever increasing requirements in Europe towards energy saving in building components, together with a passion for being the best in class, makes Denmark an ideal location for developing high-end solutions. Wingreen constantly exploit new energy-saving technology for windows and doors and roll out top-level energy-saving solutions.

Indonesia Aluminium Market Overview. The Indonesia Aluminium Market size was valued at USD 2.66 billion in 2024 and is predicted to reach USD 4.35 billion by 2030, with a CAGR of 8.5% from 2025 to 2030.. The aluminum market in Indonesia refers to the supply and demand trend of aluminum that is one of the versatile and light weight metals used across different sectors such ...

Project. Join Us. Contact Us & Projects. MORE. Contact Us. MORE. Products. MORE. OUR CATEGORY. ... 28 June 2018 The Cost Control in Aluminium Alloy Curtain Wall. 28 June 2018 The Properties of Aluminium Profile. 28 June 2018 Aluminum Alloys Versus Other Steels. 28 June 2018 PT Xingfa Aluminium Indonesia participated in IndoBuildTech Jakarta ...

One project design features a vertical electrode slurry cell using a nonconsumable metal alloy anode, a wetted

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cathode, and an electrolytic bath that is kept saturated with alumina at the relatively low temperature of 750°C. Another project will demonstrate the commercial viability of a cell design using a cathode material that is wetted by ...

This paper outlines the entire production process of aluminium from ore to the finished metallic alloy product. In addition, the article looks at the current state of the art technologies used in ...

Aluminum alloys are the second most widely used metallic materials after steels. Their most important properties are: Low density (2.7 g cm^{-3}) which can lead to significant energy savings, especially in transportation applications. Good mechanical properties offering optimum tensile strength. Good workability permitting the most varied shapes to be produced

The metal recycling industry is a major contributor to both, the circular economy and climate policy, by saving primary resources, energy, and CO₂. However, European policy framework has so far failed to reward the environmental benefits of metal recycling which could further boost its circularity.

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3rd International Metallurgical Trade Fair and Forum for Indonesia. 9 - 12 Sep 2026 | JI Expo, Jakarta, Indonesia ... resource-saving, and energy-efficient metals industry. METEC INDONESIA covers everything from the production and processing of raw materials to recycling in a circular economy. ... Plant and Equipment for Non-Ferrous Metal ...

This project introduces high-efficiency chillers (4 units) and air conditioners (8 outdoor units and 41 indoor units), as well as a PV system (approx. 0.3 MW) in Senayan Square complex in Jakarta and reduces greenhouse gas (GHG) ...



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