

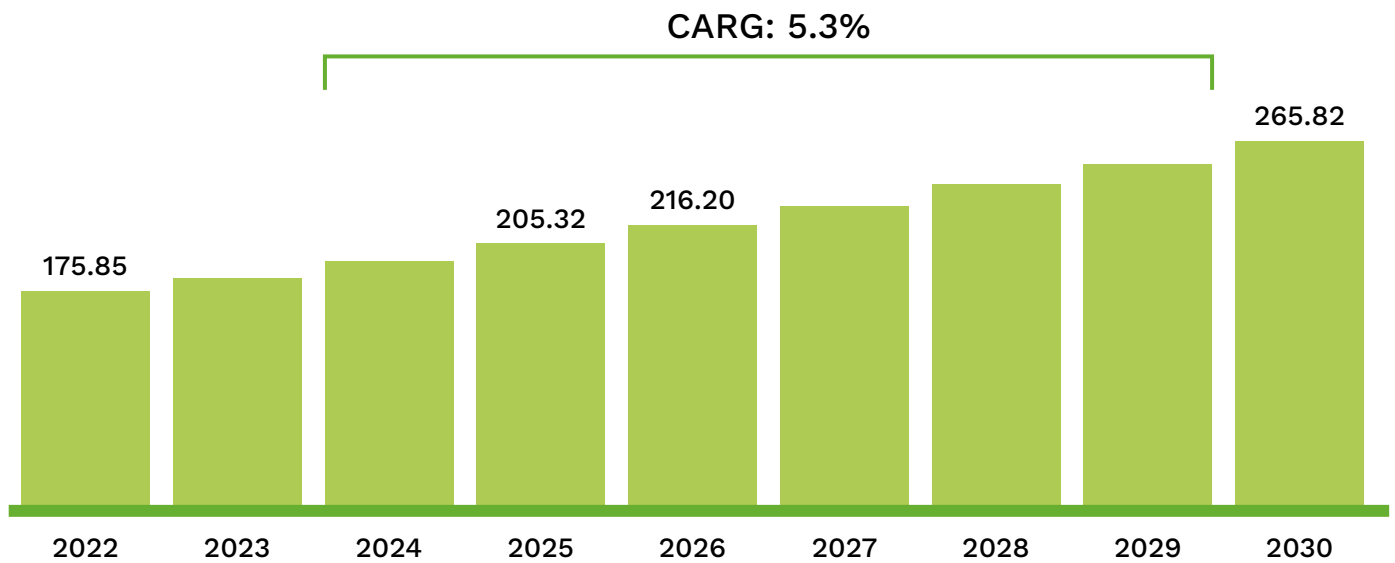
ATIEUNO MAGAZINE 4.0

Global Aluminium Market Outlook 2023 – 2030

The worldwide Aluminium Market reached a value of **\$175.85 billion in 2022** and it is expected to grow up to **USD 265.82 Billion by 2030**.

The growth of the market is expected to reach a Compound Annual Growth Rate (**CAGR**) of **5.30%** during that period.

Aluminium Market Size, 2022 to 2030 (USD Billion)



Fonte: Vantage Market Research

Driving Factors

Several key factors drive the Aluminium Market. Firstly, **the global economic growth** is expected to remain strong in the next years and that will lead to increased aluminium demand from industries such as **construction, transportation**

and packaging. Finally, with the environmental regulations becoming more stringent, the demand for Aluminium will grow due to its **infinite recyclability** and crucial importance in the **green transition**.



Growing industries

The **Construction industry** is one of the major end-users of Aluminium products. Aluminium windows, doors, and other building products are increasingly used in commercial and residential construction due to their energy efficiency and aesthetic appeal. The growing construction activity worldwide is expected to drive the demand for Aluminium products in the coming years.

The **Transport industry** is the largest consumer of Aluminium, accounting up to 30% of global demand in 2021. This is largely due to the growing popularity of lightweight vehicles. The sector is expected to grow steadily in the coming years, reaching a market share of **33% by 2028**.



Renewables: Aluminium is used in almost all energy generation, transmission, and storage technologies: from wind and solar power to alternative fuel cells and hydrogen production to batteries. According to the World Bank Aluminium accounts for 85% of most PV components. Increasing the PV capacity to 600 GW by 2030, will require about 10 million tons of Aluminium.



The **Aluminium Extrusion sector** is expected to play a critical role in meeting the growing demand as it is expected to outpace other Aluminium processing methods like castings or rolled products. The development of new and improved

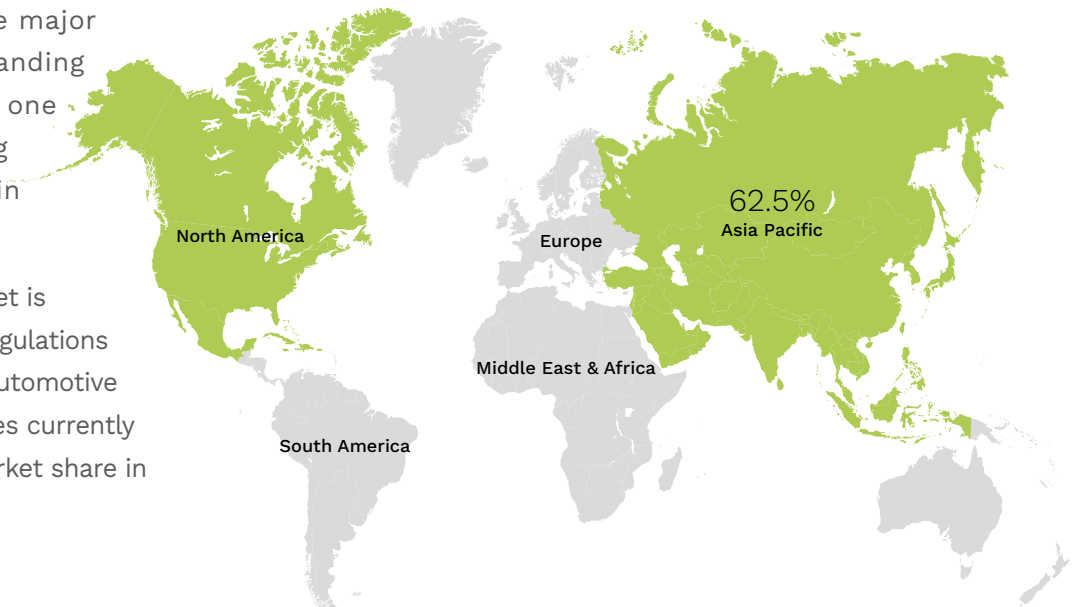
Extrusion technologies and the digitalization will drive further market growth. These technologies, like our **EMS**, will offer better control over the extrusion process, resulting in higher quality products and increased efficiency.

Regional market trends:

The most rapidly growing regional Aluminium market is **Asian-Pacific** due to the high demand from industries like **Automotive and Construction**. It is expected **5.4% CAGR** by 2023. India is one of the major market players. The expanding Construction industry is one of the key factors driving the Aluminium demand in the country.

In **North America**, the market is expanding due to stricter regulations on vehicle emissions. The Automotive and Transportation industries currently hold the majority of the market share in North America.

The increased end-user's demand for construction materials, consumer durables and equipment lead the market growth in the **Middle East and Africa**.





Jotech joint Venture

Our joint venture with Jotech has been set up to improve our services to Middle East and Asian regions. Our aim is to be closer to our customers and prospects in the area, enhancing the quality of our service. Through the combination of our distinct strengths, we are creating a leading Technological Partner with the capability to provide advanced digital solutions and services that will assist our customers in their plant digitalization efforts.

We would like to share herewith our partners, **Maram Al Jarosha**, Project Manager, and **Khaled Mousa**, Business Analyst & Technical Manager, thoughts about the future prospective of the partnership:

Short summary of the Joint-venture beginning

“ The cooperation with Atieuno started during implementation of EMS system in Aluminium Extrusion Factories long time ago. We managed the projects together resulting in successful implementations which have positive outcome for both parties. With the market needs for such mature system on the field of Aluminium extrusions we thought of bringing the experiences together and form a JV entity that deliver the value to the customers in Middle East and Asia.



MARAM AL JAROSHA
Project Manager

The main strengths of the joint-venture

The JV will support and provide services in the Middle East and Asia regions and it will help to open new markets and enhance the customers trust and credibility. We understand the unique challenges and opportunities of the industry and in the region.

Middle East market outlook for 2023 -2024

“ Several countries in the Middle East are investing heavily in digital transformation, this will increase the demand for technology and digital services as well as industrial automation and robotics. Currently the strategies are toward horizontal integration in supply chain which drives the companies toward automated system structure. We are working to get more strategic business opportunities, increase capacity and enhance the platform.



KHALED MOUSA
Business Analyst
& Technical Manager

Expectations about the future of the joint venture

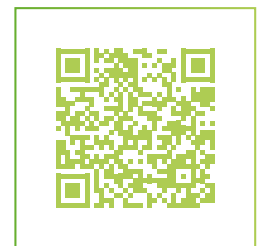
The expectations about the JV are extremely positive considering the growth on demand for digital transformation in the region. The Middle East is rapidly digitalizing and many companies and government are investing in digital technologies to improve their operations, increase efficiency and

enhance customer experiences. With the fact that Atieuno has unique tailored solution for Aluminium extrusion industry and Jotech FZCO is strategically located at the crossroads of Asia and Africa, we will be able to build strong relationship with customers on the region.



Extrusion Intelligence new release

The new **Extrusion Intelligence** is a data analytics layer, fed by the data collected by our **Extrusion management ecosystem**. It is a centralized **web-based** system and performs a comprehensive process analysis, starting from the billet details and its specific charts, up to **big data analyses**. The system provides a detailed view of all the production processes and can be personalized by the client autonomously or with the help of our consultancy.



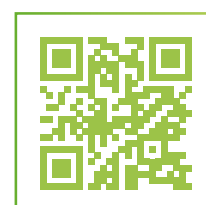
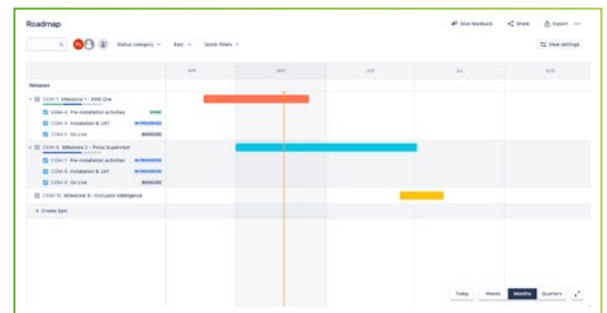
Watch the video to find out more about its advanced functions!

Driving internal operational efficiency with Jira

We have recently implemented Jira, one of the most used Project Management tools worldwide, to improve our internal operational efficiency and ensure a higher level of service and satisfaction to our clients. Jira enables our team to plan and track projects, release software and to generate reports to using a single to platform.

The full visibility provided by Jira gives our team the context needed to take quick decisions and remain aligned with the final goals.

Thanks to its advanced features and integration capabilities, Jira is the ideal solution for our software team providing us an efficient project management tool for effective and agile software development.



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