



From Digital Innovation
to Industrial Impact

Annual Report
2025

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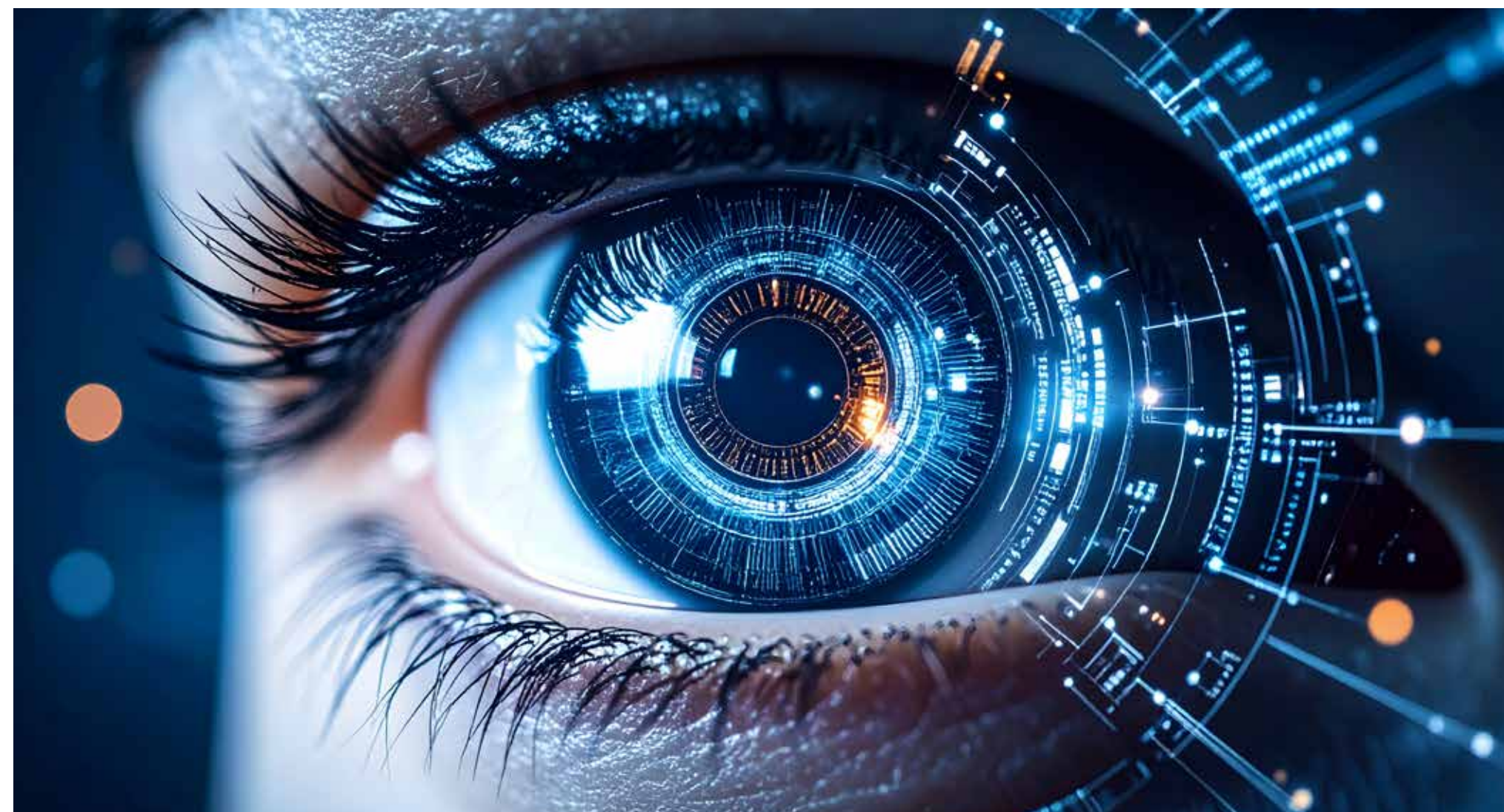
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Introduction

2025 at a Glance

2025 represents a year of consolidation and maturity for us at **Atieuno**, as we continue to strengthen our role as a holistic solution provider for the entire aluminium manufacturing process. In a market increasingly shaped by operational complexity, energy efficiency requirements, and productivity pressures, we focus on translating digital innovation into tangible and measurable industrial impact. Throughout the year, we have supported manufacturers with reliable, integrated, and scalable software solutions designed to improve decision-making and operational performance across the production chain.

While our technologies continue to evolve, we remain consistent in our strategic vision, guided by customer-centricity, technological excellence, and long-term partnerships. This Annual Report outlines the context in which we operate, the strategies we have implemented in 2025, and the value we continue to create for our customers and the aluminium manufacturing industry.





Letter from the General Manager

CONSISTENCY IN DIRECTION, VALUE IN EXECUTION

Dear Stakeholders,
2025 has been a year of consolidation for **Atieuno**. Building on the progress of previous years, we have further strengthened our role as a holistic solution provider for the aluminium manufacturing industry, supporting our customers with integrated and reliable digital solutions.

As the industry faces growing operational, economic, and sustainability pressures, our focus has been clear: helping manufacturers simplify complexity, gain greater control over their processes, and make informed decisions that support long-term performance. Throughout the year, we concentrated on delivering technologies that are practical, effective, and closely aligned with real production needs.

We deliberately chose continuity over disruption, prioritizing execution and operational reliability. Our solutions continue to evolve with a clear objective: to be fully embedded in daily operations, supporting people, processes, and sustainable performance.

Guided by customer-centricity, technical expertise, and long-term partnerships, we will continue to invest in technology and knowledge to create lasting value and contribute responsibly to the evolution of the aluminium manufacturing industry.

MARCO BOSIO
General Manager,
Atieuno

Main Highlights

GLOBAL ALUMINIUM INDUSTRY OVERVIEW

Navigating Complexity in a Changing Industrial Landscape

The global aluminium manufacturing industry is evolving within a context of increasing operational complexity. Cost pressures, energy efficiency requirements, sustainability targets, and supply chain volatility are reshaping how manufacturers manage their production processes.

In 2025, the aluminium extrusion market reached an estimated value between **USD 94** and **101 billion**,

driven by construction, automotive, and renewable energy applications, with **Asia-Pacific** accounting for the largest share of demand. At the same time, the secondary aluminium sector reached a **global market value of USD 52.3 billion**, reflecting the industry’s accelerating shift toward recycling and circular production models.



Demand continues to grow for lightweight and low-carbon solutions, particularly in automotive and electric vehicle applications, as well as in construction. To respond, manufacturers are expanding capacity for high-precision billets and semi-finished products, increasing both scale and operational complexity.

In this environment, digitalization, process integration, and data-driven decision-making have become essential to maintain efficiency, improve resource utilization, and support sustainable industrial performance. This context defines the landscape in which we operate and reinforces the need for integrated solutions across the entire aluminium manufacturing process.

Voices from the Atieuno's leadership

Interpreting change from within the industry



PIERPAOLO LONGHI

CFO & Account Manager

FINANCIAL EFFICIENCY AS A DRIVER OF SUSTAINABLE GROWTH

“**Efficiency and sustainability** are no longer separate objectives. Financial stability increasingly depends on the ability to optimize resources, reduce waste, and support data-driven decision-making across the entire production chain.”



MARCELO AIELLO

Marketing & Sales Director

THE IMPORTANCE OF CREATING LONG-TERM INDUSTRIAL VALUE

“Customers are not looking for isolated tools, but for reliable partners capable of supporting long-term industrial evolution. Our role is to **translate complexity** into clarity, combining technology, knowledge, and proximity to real production needs.”



GIACOMO MAINETTI
CTO

TURNING TECHNOLOGY
INTO A CATALYST FOR
SMARTER ALUMINIUM
MANUFACTURING

“Technology must remain **grounded in real operations**. Our focus is on developing solutions that support people, enhance process control, and integrate seamlessly into daily manufacturing activities.”



TEODORO MAINETTI
Development Manager

SOFTWARE RELIABILITY
MEETS THE FUTURE OF
INDUSTRIAL EVOLUTION

“Industrial software must be **reliable, scalable, and designed to evolve with the production environment**. Our work focuses on building solutions that can adapt over time without disrupting operational stability.”



Strategies and Performance

CUSTOMER CENTRICITY STRATEGY

Building with Customers, Creating Long-Term Value

Our customer-centric strategy has evolved beyond the concept of simply serving customers. Today, we work alongside manufacturers to build solutions together, aligning technology development with real operational challenges and long-term industrial objectives.

As aluminium manufacturing environments grow more complex, value is created through continuity and shared understanding. We collaborate closely with customers across planning, production, and decision-making processes, ensuring that our solutions reflect real-world conditions and evolve together with their operational needs.

Throughout 2025, this approach strengthened long-term relationships and supported more structured account development. By building with our customers rather than delivering isolated solutions, we help them maintain control, improve efficiency, and manage complexity across the entire aluminium manufacturing process with greater confidence and stability.

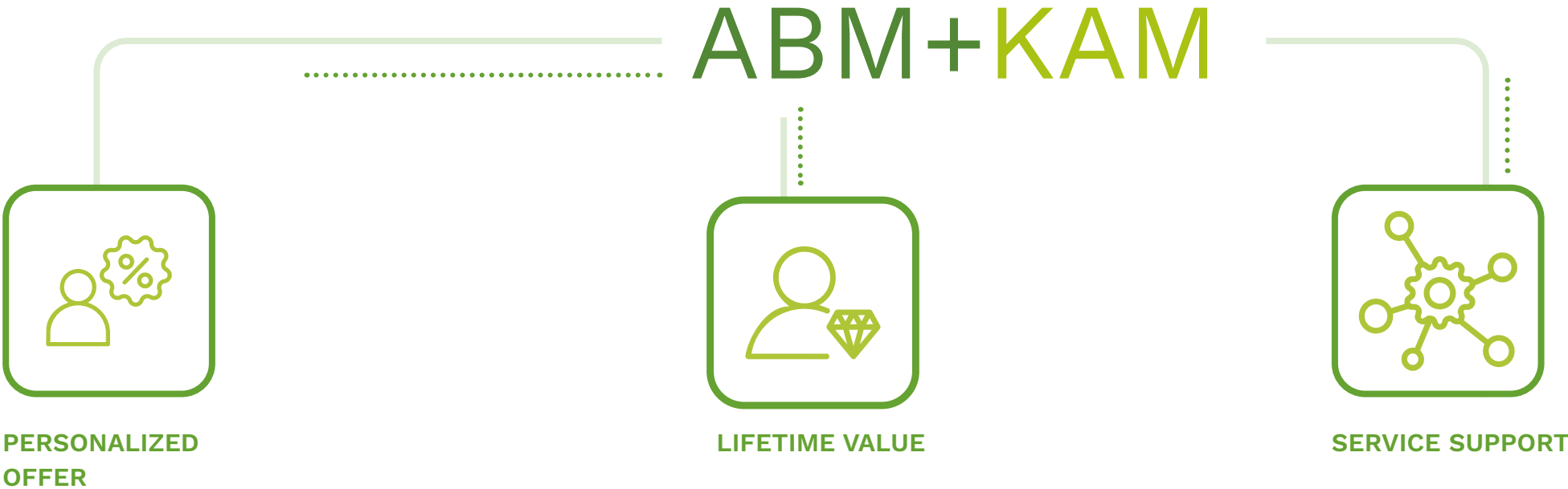
ABM & KEY ACCOUNT MANAGEMENT STRATEGY

A Mature Model for Long-Term Relationships

Our Account-Based Marketing and Key Account Management model is designed to support complex, high-value industrial relationships over time. We focus on a limited number of strategic customers, where continuity, trust, and deep operational understanding are essential.

By integrating ABM and Key Account Management, we ensure close collaboration between sales, marketing, and technical teams. This integrated model allows us to align communication, solution development, and commercial activities around shared objectives, supporting customers throughout their industrial evolution rather than responding to isolated opportunities.

Direct engagement remains a key element of this model.
Webinars, partnership meetings, and regular visits to customer facilities enable us to maintain close relationships, exchange knowledge, and align solutions with real production environments. This ongoing interaction supports long-term account development and reinforces our role as a reliable partner across the entire aluminium manufacturing process.



MARKETING, COMMUNICATION & THOUGHT
LEADERSHIP

Building trust through knowledge and presence

Building trust in complex industrial environments requires more than visibility. It requires consistency, technical credibility, and continuous presence. Our marketing and communication activities are designed to support long-term relationships by combining **knowledge-sharing with direct engagement** across multiple touchpoints.



Omnichannel touchpoints

We maintain **an omnichannel presence** to ensure continuity in how we communicate and interact with customers and partners. Digital channels allow us to share insights, updates, and technical perspectives in a structured and accessible way, while maintaining coherence across messages and markets. This approach enables us to stay close to our audience throughout the entire customer journey, from early exploration to long-term collaboration.





Educational content as a Strategic Asset

Educational content plays a central role in this strategy. Through whitepapers, technical articles, and in-depth editorial contributions, we focus on topics such as digital transformation, operational efficiency, data-driven decision-making, and sustainability in aluminium manufacturing.

These materials are designed to support informed decision-making, offering practical insights rather than promotional messaging, and reinforcing our role as a knowledgeable and reliable reference for the industry.

Knowledge as a driver of value

Alongside content, **direct interaction** remains essential. Webinars, industry events, partnership meetings, and regular discussions with customers create opportunities for dialogue and exchange. These meetings are often characterized by open and constructive discussions, with companies exchanging ideas, insights, and challenges related to production efficiency, IT integration, and the role of digital systems like EMS 3rd Generation in supporting scalable and sustainable growth. These moments allow us to listen, challenge assumptions, and align perspectives, ensuring that our solutions and strategies remain grounded in real industrial needs. By combining knowledge with presence, we aim to build trust over time and support meaningful, long-term partnerships across the entire aluminium manufacturing process.



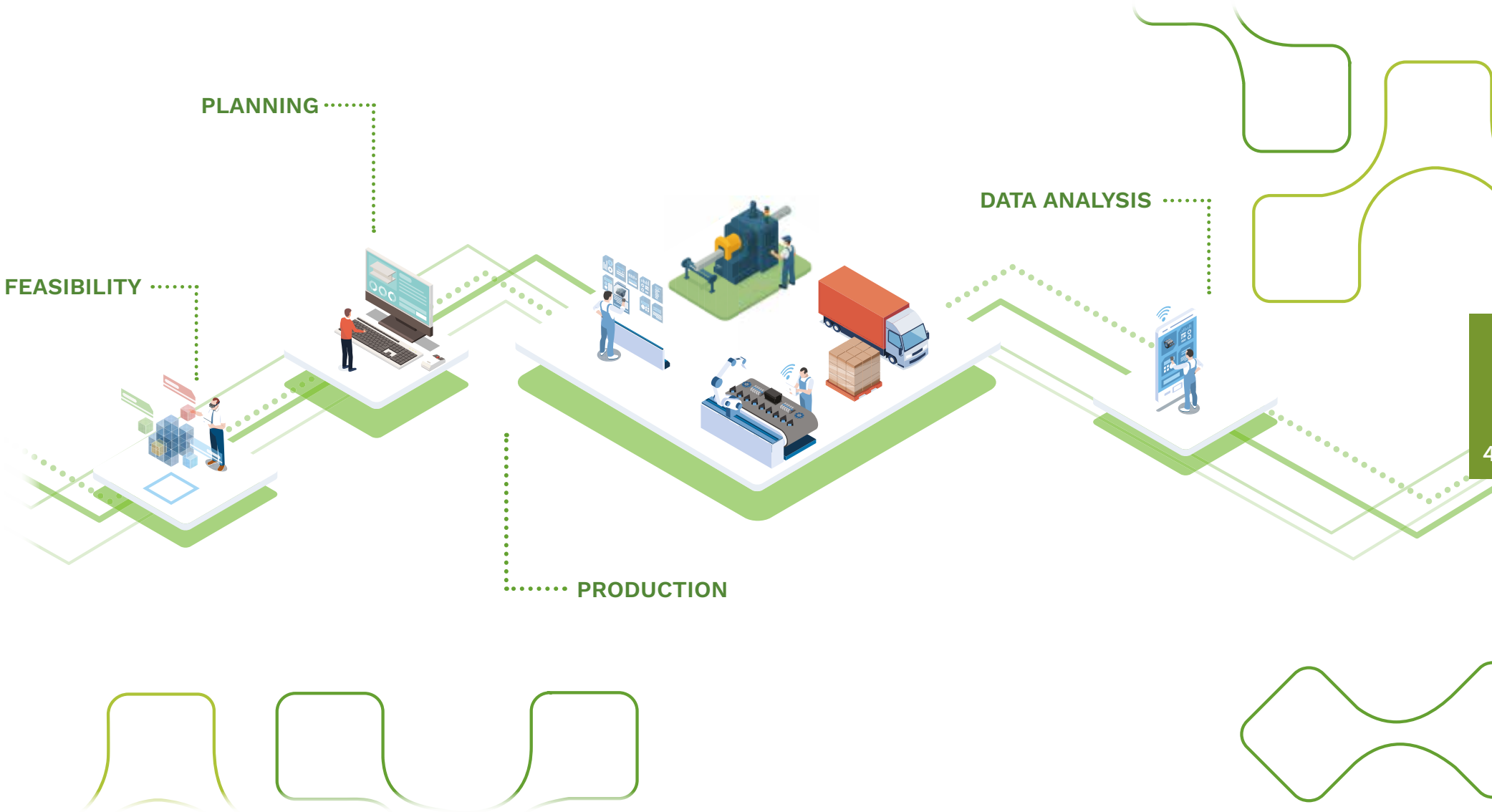
TECHNOLOGICAL INNOVATION & PRODUCT EVOLUTION

An Ecosystem enabling end-to-end Manufacturing Process Flow

Our approach to technological innovation focuses on enabling a **continuous manufacturing process flow** through a structured digital ecosystem. In complex aluminium production environments, performance depends on how effectively processes are connected and coordinated across the entire production cycle.

EMS 3rd G Ecosystem has evolved as an integrated ecosystem that links feasibility, planning, extrusion, finishing, logistics, quality, and fabrication within **a unified operational framework**. This ecosystem supports an end-to-end process flow, aligning production stages and reducing fragmentation between departments while improving operational continuity and control.

Interoperability and scalability are essential to sustaining this model. Our solutions integrate with existing systems and workflows and can evolve progressively as production environments grow in complexity, without disrupting operations.



Simulation, AI, and Predictive Intelligence

In 2025, we further strengthened our ecosystem-driven approach by integrating advanced simulation and AI capabilities through a strategic technology partnership. This initiative expands our product portfolio by embedding predictive intelligence into critical stages of aluminium manufacturing, supporting more effective and structured process optimization.

A central focus of this development has been the implementation of solutions for aluminium profile quenching through the **Heat Cooling**

Optimizer (HCO), coordinated by **Francesco Ornano**. Quenching represents a decisive phase in the extrusion process, as it directly influences the mechanical properties of the final profile. By combining simulation models with data-driven optimization, manufacturers can replace trial-and-error approaches with a structured design workflow, accelerating development cycles, reducing costs, and improving energy and water efficiency while minimizing profile deformation.



AI-Driven Quality Control

In parallel, we introduced **Kf Analyst**, an **AI-assisted web application** for extrusion quality control. By applying Machine Learning algorithms to production data, the tool enables detailed monitoring of single-billet extrusion quality, supports statistical analysis, and performs root cause analysis for quality deviations. This AI-driven approach helps identify correlations that are difficult to detect manually, enabling faster and more effective resolution of production issues.

Together, simulation and AI extend the **Atieuno** ecosystem beyond execution and control, introducing predictive intelligence that enhances decision-making, stabilizes manufacturing process flows, and supports continuous process optimization across the aluminium production chain.



INDUSTRY 5.0 IN PRACTICE

Human-Centric Technology in Real Manufacturing Environments

Our approach to Industry 5.0 is centered on people and real manufacturing operations. Technology, simulation, and AI are designed to support human expertise, helping operators, engineers, and managers better understand processes, manage complexity, and make informed decisions within their daily activities.

Within the **Atieuno** ecosystem of solutions, **AI and Simulation** act as operational support tools that improve visibility, consistency, and coordination across the production flow. By providing structured information and actionable insights, these technologies help teams collaborate more effectively across planning, execution, quality, and logistics, while keeping responsibility and decision-making firmly in human hands.

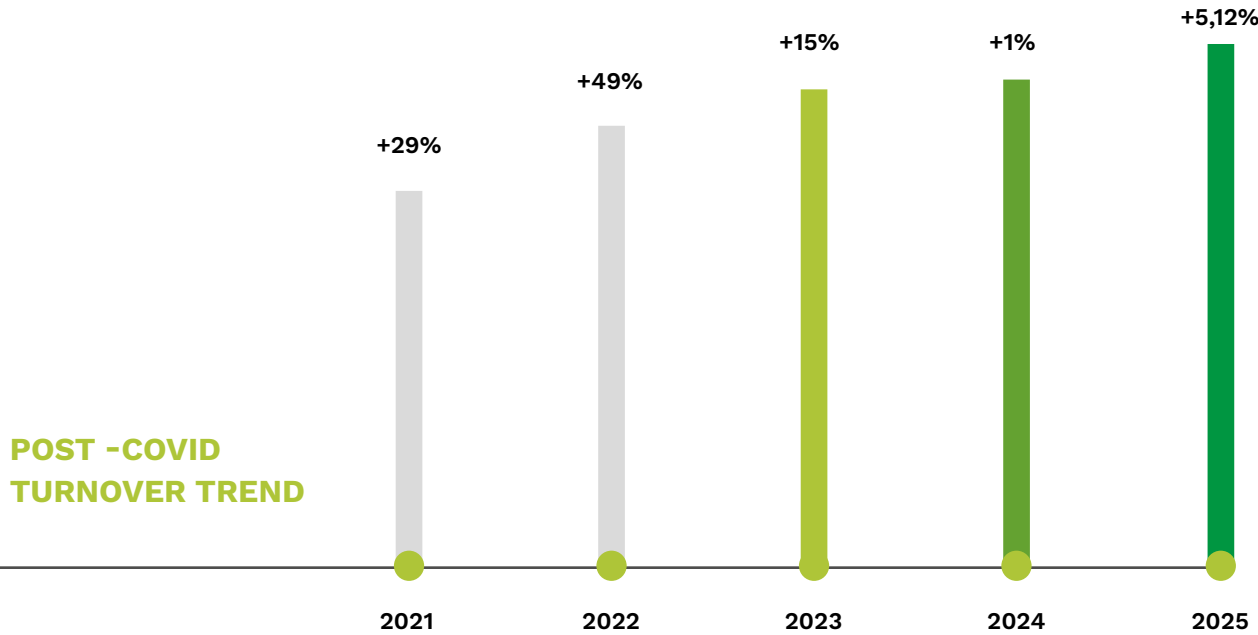
Through Industry 5.0, we aim to strengthen the collaboration between people and technology, supporting safer, more efficient, and more sustainable aluminium manufacturing operations.



FINANCIAL & OPERATIONAL PERFORMANCE

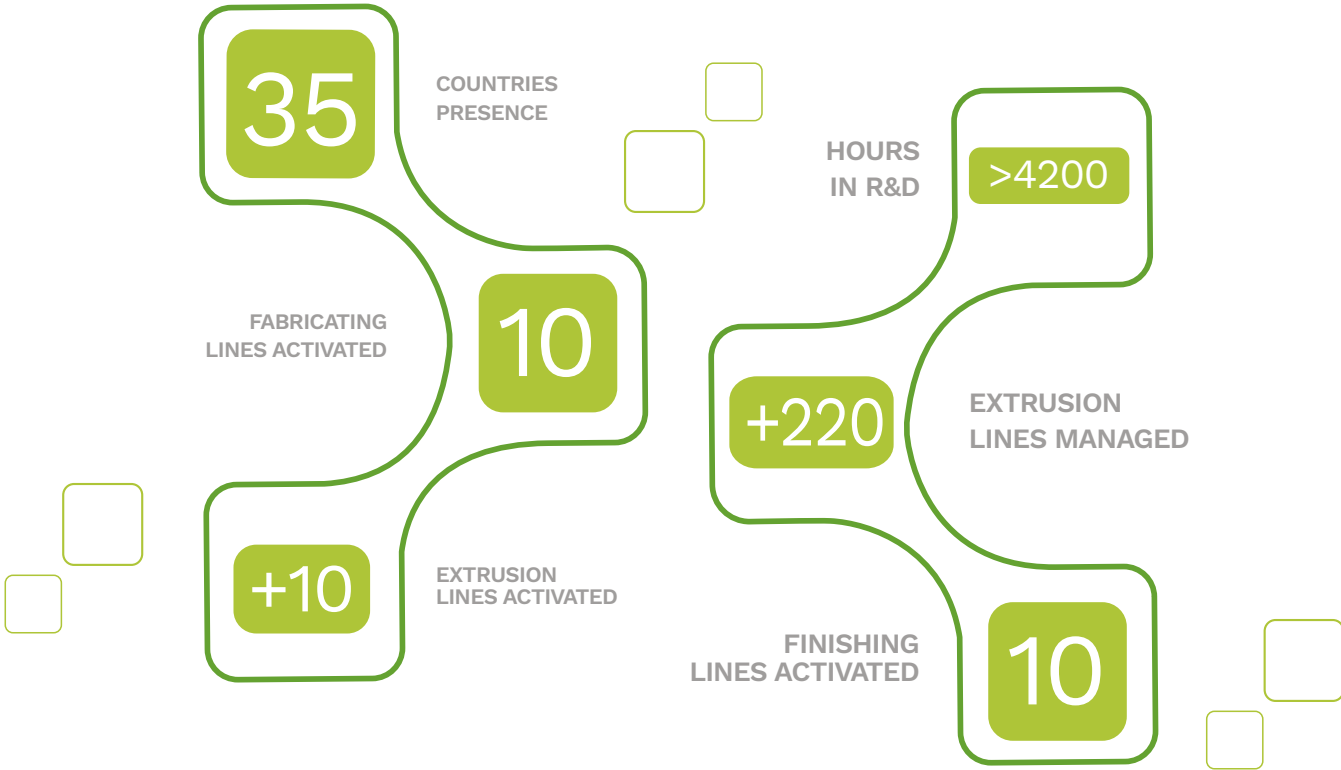
Stability, Scale, and Operational Reliability

Our financial and operational performance in 2025 reflects a year of stability and disciplined execution within a complex industrial environment. We continued to grow while maintaining a strong focus on reliability, operational continuity, and long-term value creation for our customers.



Operational Achievements

Operationally, we supported aluminium manufacturers across multiple production stages, activating and managing an increasing number of extrusion, fabrication, and finishing lines. This expansion reflects both the scalability of our ecosystem and our ability to operate effectively in diverse and demanding production environments. Our presence across multiple countries further confirms the adaptability of our solutions to different industrial and organizational contexts.





Team and Culture

People Enabling Industrial Continuity and Innovation

Our people and organizational culture are essential to our ability to operate reliably in complex industrial environments. Technical competence, collaboration, and continuity allow us to support customers over time, ensuring that technology, processes, and people evolve together in a consistent and sustainable way.

LEADERSHIP CONTINUITY

Stability Supporting Long-Term Growth

Leadership continuity represents a key enabler of sustainable growth for **Atieuno**. A stable management structure allows us to maintain a clear strategic direction while evolving our solutions, organization, and partnerships in a controlled and consistent way. Stability, in this context, is not about standing still, but about creating the conditions for long-term development.

This continuity supports coherent decision-making, alignment across teams, and a shared understanding of priorities over time. As a result, we are able to grow alongside our customers, adapting to increasing complexity while preserving reliability, trust, and operational consistency across projects and geographies.



PIERPAOLO LONGHI
CFO



MARCO BOSISIO
General Manager



MARCELO AIELLO
Marketing & Sales Director



TEODORO MAINETTI
Development Manager



GIACOMO MAINETTI
CTO

OUR TEAM

A Synergy of Software Excellence and Manufacturing Expertise

Our team brings together complementary expertise in industrial software development and aluminium extrusion and manufacturing processes. This combination is central to our ability to operate effectively in complex manufacturing environments and to support customers throughout their digital transformation journey.

By uniting deep technological competence with a solid understanding of extrusion, fabrication, finishing, and production dynamics, we are able to translate digital innovation into practical, operational solutions. Our teams work closely with customers to address real challenges, ensuring that technology is applied in a way that is aligned with production realities and long-term industrial objectives.



CONTINUOUS TECHNICAL SUPPORT

Continuous Technical Support as a Growth Enabler

In 2025, we developed a structured Continuous Technical Support model designed to accompany customers beyond implementation and throughout daily operations. This initiative represents a strategic evolution in how we support complex manufacturing environments, shifting from reactive assistance to continuous operational partnership.

The model ensures ongoing proximity to production environments, timely response to operational needs, and sustained alignment between system evolution and real manufacturing conditions.



The service is led by **Mirko Giussani**, Technical Support Manager, who coordinates a specialized team dedicated to supporting customers across diagnostics, remote assistance, system start-up and commissioning, and corrective maintenance.

This structured approach ensures consistency in service quality and close alignment with real production environments.

In 2025, around twenty customers adopted dedicated support agreements, benefiting from structured service levels, defined response times, and enhanced system safeguards such as software source code backups. At

the same time, technical support remains available to all customers, reinforcing our commitment to long-term partnership across the entire customer base.

Operating across Europe, the Americas, the Middle East, and Oceania, the service combines remote and on-site interventions to support geographically distributed manufacturing environments. This global reach allows us to stay close to production realities while maintaining continuity and reliability at scale.



MIRKO GIUSSANI
Technical Support Manager

Key Benefits for Customers



OPERATIONAL CONTINUITY
Structured service coverage and long-term technical partnership



REDUCED DOWNTIME
Timely, coordinated, and prioritized interventions



SYSTEM RELIABILITY AND SECURITY
Regular software source code backups



GUARANTEED RESPONSE TIME
Clear and aligned with defined service levels



QUALIFIED TECHNICAL EXPERTISE
Deep knowledge of customer-specific processes and applications

TECHNICAL EXCELLENCE AND AI APPLICATION

Expertise Applied to Real Manufacturing Needs

Technical excellence at **Atieuno** is defined by the ability to apply advanced technologies where they generate concrete operational value. Our teams combine deep manufacturing knowledge with expertise in software development, data management, simulation, and AI.

Artificial intelligence is applied as a support tool to enhance process visibility, analysis, and coordination, always within a human-centric framework. Technology remains understandable, controllable, and aligned with real production needs, reinforcing trust and effective adoption across operational roles.



KNOWLEDGE SHARING

Building Collective Expertise

Knowledge sharing is embedded in how we work. Continuous collaboration across development, technical support, sales, and customer-facing teams enables a shared understanding of processes, challenges, and solutions.

By promoting the exchange of experience and best practices, we strengthen our collective capability to support complex manufacturing environments and deliver consistent value to customers.



CONTINUOUS TRAINING

Investing in Professional Growth

Continuous training remains a strategic priority at **Atieuno**. As technologies and manufacturing processes evolve, investing in the development of skills and competencies is essential to ensuring reliability, technical excellence, and long-term value for our customers.

In 2025, we focused on applied training initiatives closely connected to real production challenges. A dedicated course led by **Massimo Bertoletti, Innovation Manager** at **Atieuno**, focused on Limiting and Minimizing Extrusion Defects, strengthening internal expertise in extrusion quality and process control.

By continuously investing in professional growth, we ensure that our teams evolve alongside the industry, combining technological competence with deep process understanding.



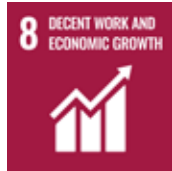


Social & Environment impact (ESG)

Sustainability in Action

At **Atieuno**, sustainability is an integral part of how we design technology, support industrial processes, and work with our customers. Our commitment aligns with the United Nations 2030 Agenda, contributing to selected Sustainable Development Goals through concrete actions embedded in our solutions and organizational practices.

Rather than addressing sustainability as a separate initiative, we integrate environmental, social, and governance principles directly into our approach to innovation, operations, and long-term partnership with manufacturers.



SDG 8 – DECENT WORK AND ECONOMIC GROWTH

Supporting Responsible Industrial Development

We contribute to SDG 8 by supporting stable, efficient, and resilient manufacturing operations. Our digital ecosystem enables manufacturers to improve operational control, reduce inefficiencies, and support sustainable economic growth within complex industrial environments.

Internally, we promote decent work through continuous training, knowledge sharing, and hybrid work models that support professional growth, inclusion, and long-term employability. Externally, our solutions help customers build more reliable and competitive production systems, strengthening industrial value chains over time.



SDG 17 – PARTNERSHIPS FOR THE GOALS

Collaboration as a Catalyst for Impact

We actively contribute to SDG 17 by building long-term partnerships with customers, technology providers, and industrial stakeholders. Collaboration is central to our ecosystem-driven approach, enabling shared learning, continuous improvement, and collective progress toward sustainability objectives.

Through close cooperation, continuous technical support, and knowledge exchange, we support customers not only in adopting technology, but in embedding sustainable practices within their daily operations and long-term strategies.



SDG 9 – INDUSTRY, INNOVATION AND INFRASTRUCTURE

Enabling Sustainable Industrial Innovation

Innovation is a core driver of our contribution to SDG 9. Through EMS 3rd Generation, simulation tools, and AI-enabled solutions, we support the digital transformation of aluminium manufacturing infrastructures.

By optimizing manufacturing process flows, improving system interoperability, and enabling scalable digital ecosystems, we help manufacturers modernize their operations in a structured and responsible way. Innovation, in this context, is focused on long-term industrial robustness rather than short-term technological disruption.



SDG 12 – RESPONSIBLE CONSUMPTION AND PRODUCTION

Efficiency as a Sustainability Lever

Our strongest environmental impact relates to SDG 12, which promotes responsible production models. By improving process stability, reducing scrap, minimizing rework, and optimizing the use of energy, water, and raw materials, our technologies contribute directly to more efficient and responsible manufacturing practices.

Simulation and AI support more informed design and operational decisions, reducing trial-and-error and unnecessary resource consumption. Sustainability emerges as the outcome of better-controlled, data-driven, and people-centered production processes.



Sustainability Embedded in Technology

Across all these areas, sustainability at **Atieuno** is not defined by isolated actions, but by the way technology, processes, and people work together.

By embedding ESG principles into our digital ecosystem, we contribute to more efficient, resilient, and responsible aluminium manufacturing operations—supporting long-term value creation for our customers and for the industry.across every aspect of our business.



BEYOND 2025

Scaling Impact, Not Complexity

Looking ahead, our priority is to ensure continuity, expertise, and reliability across all ongoing customer projects. As manufacturing environments grow more complex, our role as a long-term partner becomes increasingly important—supporting customers not only through innovation, but through consistent execution and sustained operational alignment.

From a technological perspective, the next phase of development will focus on extending the EMS 3rd Generation Ecosystem. A key milestone will be the implementation of the first **Cast House Management system in the United States**, marking an important step in expanding the scope of our solutions across upstream aluminium production processes. In parallel, we will continue **integrating**

simulation and AI capabilities into the EMS 3rd G Ecosystem, strengthening connections between planning, execution, quality, and decision-making. Geographically, we aim to further extend our presence in high-growth markets supporting manufacturers operating at scale and in highly dynamic industrial contexts. This expansion will be guided by the same principles that define our approach globally: adaptability, process understanding, and long-term partnership. An important moment of industry engagement along

this path will be our participation in **ALUMINIUM 2026**, one of the leading international trade fairs for the aluminium sector. The event will provide an opportunity to share perspectives, strengthen relationships, and contribute to the dialogue on the future of aluminium manufacturing.



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