

# CORPORATE PROFILE

**QATALUM IS MADE  
UP OF A HIGHLY  
COMPETENT  
KNOWLEDGE DRIVEN  
WORKFORCE. WITH A  
MISSION TO BECOME A  
TOP GLOBAL SMELTER,  
QATALUM STRIVES,  
COMBINING ITS PROVEN  
STATE-OF-THE-ART  
TECHNOLOGY AND  
BUSINESS ACUMEN TO  
FULFILL ITS AMBITIONS.**

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# 01 INTRODUCTION

# 01 Introduction

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**At Qatalum, success is inseparably intertwined with safety. Our people are our most valued asset, and by providing them with a safe environment, they are assured of a workplace where they can excel and develop. This has naturally enhanced Qatalum's operational efficiency and our ability to maintain quality, increase production and penetrate more markets.**

The recent years have seen us attain several remarkable milestones and garner recognition for our achievements. From receiving the Qatar Green Building Council's Qatar Sustainability Award for our success in utilizing production waste in other downstream industries, to developing wi-fi based digital solutions that increased production efficiency and improved employee health and safety, Qatalum has become synonymous with excellence in innovation.

On the business front, one of our recent accomplishments was the development of a new product, Precision Tubing Alloy, which is high in market demand and premium. Meanwhile, a nine percent increase in production has helped us consolidate our finances, enabling us to pay higher dividends to our shareholders. Additionally, Qatalum's efforts to reduce fixed costs without compromising on the safety of our people or the quality of our products has reaped benefits, helping us improve our cost competitiveness?

Our ability to assess, adapt and act in the face of the unprecedented, is in no small measure due to a philosophy unique to Qatalum—the Qatalum Way—a set of principles consisting of strong management systems and processes that complement each other. These principles and processes have not only contributed to Qatalum being a world-class aluminium smelter, but also serve as reference points that provide clarity in the face of challenges. Our success is attributed to a combination of the exceptional customer service provided by our people, strong relationships with our suppliers, vendors and business partners, and strategic and fiscally responsible implementation of visionary ideas. Every business faces the challenge of succeeding in today's market while driving the innovations that will lead in the markets to come. This is the work we're doing today at Qatalum. We look forward to leading our industry—and helping our clients lead theirs.



**02**  
**QATALUM**  
**OVERVIEW**

**Established as a joint venture between two well-known industry leaders, Norsk Hydro Aluminium and QatarEnergy, formerly Qatar Petroleum (QP), Qatalum (Qatar Aluminium Limited) began operations in 2009. The company has successfully become a key player in the global Aluminium industry.**

# QATALUM OVERVIEW

Qatalum has rapidly grown to become an internationally recognized brand, lauded globally for its operational excellence, contributions to the growth and development of the aluminium industry and its commitment to industrial best practices.

Utilising important energy resources available in Qatar, Qatalum's smelter facility is one of the most environmentally friendly aluminium smelters in the world. While Qatalum's power systems are connected to the national grid, the smelter's captive Power Plant, comprising four gas and two steam turbines operating in a combined cycle, is capable of producing 1,350 MW against the smelter's usage of 1,050 MW. The Carbon Plant manufactures carbon anodes—a vital part of the primary aluminium production process—producing 1,000 kilograms of anode per minute, meeting the smelter's anode demand while also maintaining a 10% contingency. The Reduction Plant comprises two pot rooms vis-a-vis the buildings housing the group of cells in which aluminium is produced by electrolytic reduction. Each pot room is 1.2 kilometre long and houses 352 pots making for a total of 704 cells. Hydro's HAL275 technology is used in this plant. The Qatalum Casthouse's nameplate production capacity is 625,000 TPA with products mostly consisting of extrusion ingots and foundry alloys.

Qatalum's smelter ranking has seen phenomenal development based on the cost of production per ton of aluminium produced, consistently selling in excess of 630,000 metric tons of aluminium

annually. In 2021, Qatalum's production reached 660,000 TPA. The company, which is ISO 9001 certified, is also a listed brand on the London Metal Exchange (LME). Our state-of-the-art Casthouse is ISO IATF 16949; 2016 certified.

As a smelter that is on par with the best in the aluminium industry, Qatalum's goals are aligned with global standards. The smelter continues to aim to implement the latest technology available from its owners Hydro, to streamline processes, reduce overhead expenditure and further increase production. We consistently capitalize on increasing market needs by introducing new value added products that bring in increased revenue through market expansions and higher premium. The facility provides our people with sophisticated training regularly to ensure that Qatalum is well-equipped to meet new challenges and seize opportunities as and when they arise. We work unceasingly to increase the efficiency and safety of our contractors, bringing industry best practises to the fore.

Qatalum is a tangible embodiment of the strategies set by His Highness Sheikh Tamim Bin Hamad Al-Thani, the Emir, for optimising our natural resources and long-term planning for a diversified economy, as envisioned in the Qatar National Vision 2030.



Qatalum

1<sup>st</sup> October

**03**  
**THE**  
**QATALUM**  
**WAY**

# Q3

## The Qatalum Way

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**The Qatalum Way consists of various systems that guarantee production efficiency and cost optimization, while maintaining the highest governance standards.**

### **Vision**

A world-class producer of high quality aluminium products made in Qatar for customers around the world.

### **Mission**

Our mission is to maximise stakeholder value through operational excellence and sustainability and to support aluminium industry development in Qatar. Qatalum's operations are guided by the Qatalum Way, a set of principles and processes, which along with our mission and vision, have succeeded in helping the smelter achieve excellence in performance, products and processes.

The Qatalum Way consists of various systems that guarantee production efficiency and cost optimization, while maintaining the highest governance standards. These include our Qatalum Production System (QPS), the Qatalum Improvement Program (QIP) as well as the Qatalum Integrated Management System (QIMS).

### **Qatalum Production System (QPS)**

The Qatalum Production System (QPS) is a framework that allows us to realize continuous growth and production through the implementation of a cohesive set of policies, tools, and best practice procedures. QPS allows us to improve our operations, helping us achieve our mission of becoming a world-class aluminium company, and the preferred supplier of foundry alloys and extrusion ingots.

We strive for operational excellence across all areas-cost, quality, production volume, and HSE. To achieve stable and effective processes across the entire organization, we define five guiding principles and related focus areas in our QPS Philosophy.



Photo 1. QATALUM Plant

**Systemic focus on process variation and waste reduction has led to continuous improvement in the performance of the quality management system.**

**Qatalum Improvement Program (QIP)**

As a program that complements QPS, the Qatalum Improvement Program (QIP) is designed to apply the five principles across the entire organization to ultimately optimize the cost of aluminium production. The program has helped make Qatalum one of the top smelters in the world in terms of the CRU aluminium production, a globally recognized indicator of cost efficiency in aluminium production.

**Quality Management System (QMS)**

The Quality Management System helps Qatalum balance customer satisfaction as well as internal quality performance, according to internationally recognized ISO standards. Given that a significant portion of Qatalum’s production is directed to the automotive supply chain, Qatalum’s Quality Management System has been certified according to ISO 9001;2015 and IATF 16949; 2016 international standards. Systemic focus on process variation and waste reduction has led to continuous improvement in the performance of the quality management system.

**The Five Principles that are at the core of Qatalum operations:**

Standardized work processes	Defined customer-supplier relationship	Optimized flow	Dedicated teams	Visible leadership
<ul style="list-style-type: none"> <li>• Defined critical processes</li> <li>• Content of standards</li> <li>• Following standards</li> <li>• Development of standards</li> </ul>	<ul style="list-style-type: none"> <li>• Defined customer-supplier relationships</li> <li>• Content of agreements</li> <li>• Meeting and decision structure</li> <li>• Direct communication</li> </ul>	<ul style="list-style-type: none"> <li>• Priorities and planning</li> <li>• Flow of products, services and information</li> <li>• Work-process flow</li> <li>• Non-defective goods</li> </ul>	<ul style="list-style-type: none"> <li>• Team organization</li> <li>• Roles, responsibilities and competence development</li> <li>• Joint visible targets</li> <li>• Systematic improvement work</li> </ul>	<ul style="list-style-type: none"> <li>• Clear and visible Involves and delegates</li> <li>• Supports and offers guidance</li> <li>• Gives feedback and recognition</li> </ul>



**04**  
**MARKETING**  
**& SALES**

# Marketing & Sales

**Almost 50% of our products are sold to Asian countries, which is our most important market.**

## MARKETING AND SALES

As a successful, international business, Qatalum's presence in Qatar helps promote economic development in the country in many ways. In line with Qatar National Vision 2030, we promote economic diversity and market creation by leveraging hydrocarbon assets to produce value-added products that facilitate the diversification of domestic downstream industries.

Qatalum imports a range of raw materials that are combined with Qatar's energy resources to produce aluminium. Almost all our raw materials are sourced through our part owner Hydro. Half of our raw materials are sourced from Australia, with the rest coming primarily from South America and Asia, as well as 5% from the Middle East.

## PRODUCT AND BUSINESS DESCRIPTION

Aluminium's uses are wide-ranging, providing manufacturers and users with opportunities as well as challenges. Aluminium products can reduce energy costs and carbon emissions through their application, thereby making them popular input materials in the automotive, aviation, and construction sectors. With sustainability becoming a deciding factor both at procurement and manufacturing stages, this green metal is increasingly becoming the preferred option for all key industries across the globe.

## What do we produce?

The plant production capacity of liquid aluminium exceeds 600,000 tons per year. Our production focuses on two products:

- A) Extrusion ingots** produced in our Casthouse can be extruded into a range of profiles starting from soft to high strength, with a good surface finish for applications such as anodizing. This makes them quite popular for further processing in the construction, automotive, transport, building, electronics, general engineering and marine industry, as well as for heat transfer.
- B) Aluminium foundry** alloys are used for aluminium castings. The foundry alloys produced in our Casthouse are of the highest quality with minimal iron content.

## How do we produce it?

Qatalum is a world class aluminium smelter, that uses first-rate Hydro technology to produce primary aluminium products. Our plant consists of a state-of-the-art Reduction plant, where raw materials are 'reduced' by electrolysis to produce aluminium. The production process is supported by our own Power plant and Carbon plant. Ingots and alloys are moulded in one of the most advanced Casthouses in the world.

In 2015, Qatalum implemented a spent pot relining project which was necessary for future production growth. The entire relining process concluded in 2017 and has helped improve our production capacity.

Our Qatalum Production System (QPS), the Qatalum Improvement Program (QIP) as well as the Qatalum Integrated Management System (QIMS), together help Qatalum apply lean principles that have helped the smelter maintain excellence while reducing overhead costs.

**How are our products used?**

We apply international best practices in accordance with certifications such as ISO 9001; 2015 and IATF 16949; 2016 in 2017 to meet individual customer specifications, particularly in the automotive industry. Eighty percent of our ingots are used in the construction industry, 15% for industrial applications, and the remaining five percent are used for other purposes.

Whereas, approximately 90% of our foundry alloy production goes to the automotive industry for various applications such as wheels, chassis components, brake and suspension parts, and cylinder heads. The remaining 10% of our foundry production is used for electrical and decorative applications.

**Who do we produce for?**

Our buyers come across from all over the world. We have markets in 52 countries across Asia, the Middle East, North America and Europe. We are the major supplier of premium aluminium within Qatar as well.

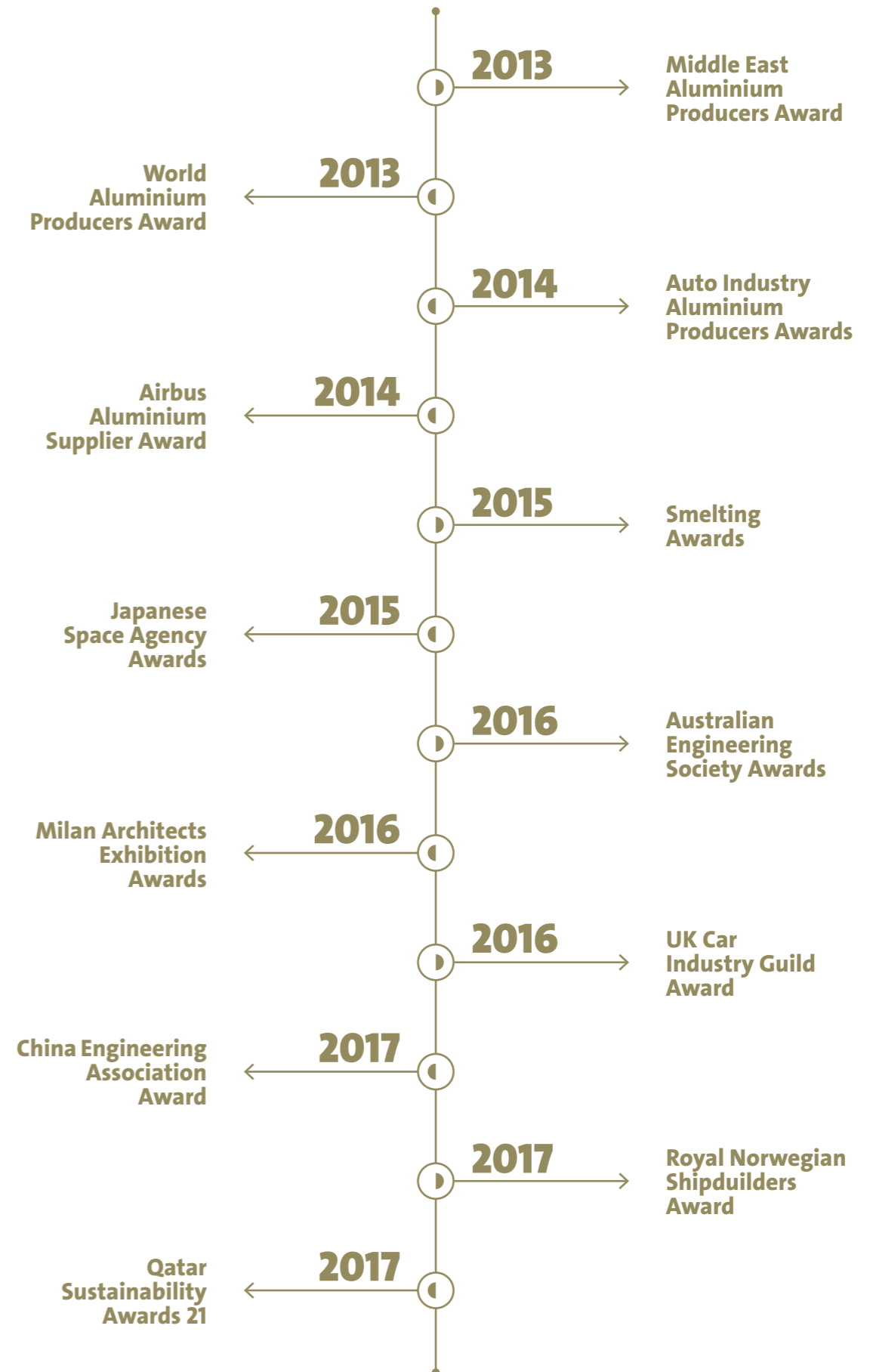
**Our ethos is based equally on trust as it is on technology. And it is a balance that has paid off.**

**A Final Word.....  
On Our Future**

From our very first shipment in 2009, to being ranked as one of the top three aluminium smelters in the world, Qatalum has come a long way. It has been a journey that can only be defined as one of commitment towards excellence, and one which we intend to continue. Looking forward, our intentions to maximise shareholder returns by aiming to be one of the most cost-efficient smelters in the world, will be strengthened by our health and safety standards that are nothing short of first-rate. Additionally, we plan to attract competent local talents, while securing a robust and sustainable organization.

Our operations are guided by our Qatalum Production System, which in turn, is complemented by an effective Business Resilience Management System. With this, we are confident that Qatalum consolidates and maintains its position as a leading supplier of value-added premium aluminium products, and a key player in the nation’s growth.

We are a relatively young smelter; yet our ethos is based equally on trust as it is on technology. And it is a balance that has paid off. The trust that has been placed in our people, our processes and our products is what will continue to shape Qatalum’s image as a guarantor of excellence, both within our country and beyond.





**05**  
**CASTHOUSE**

# Casthouse

## The Casthouse facility converts liquid aluminium from the potlines into different products.

Liquid aluminium is tapped from the Reduction pots by tapping vehicles and transported to the Casthouse. Prior to casting, the liquid aluminium is treated in Metal fluxing stations to remove impurities.

Qatalum Casthouse consists of 2 Extrusion ingot casting centers and 3 Foundry alloy casting centers along with 11 Holding & Melting Furnaces.

Metal preparation starts by adding cold metal and alloying elements in to the furnaces and preheating (with gas-fired burners) to ensure moisture removal. The furnaces are then charged with the liquid aluminium from the fluxing area. The surface of the metal is then skimmed to remove dross. After dross removal samples are taken for analysis before casting to ensure desired specification is met. Metal is then poured in to Casting centers to get desired high-quality products

## ALLOYS

Qatalum is one of world's main producer of Aluminium alloying products. Alloying elements are mixed in with the liquid metal in the Casthouse furnaces as per Customer requirement. Adding alloys gives the desired mechanical and chemical properties to the finished products sought by customers.

The main alloying elements added to the product are Mg, Si, Mn, Ti etc.

## KEY PRODUCTS

### Extrusion ingots

Qatalum produces different diameters (152, 178, 203, 228 and 254 mm) and lengths of billets as per customer requirement. Extrusion Ingots are often used in automotive manufacturing process and manufacturing of components for residential and commercial buildings such as windows, door panels, shower enclosures, decorative trims etc. An Extrusion Ingot is a cylindrical "log" of cast aluminium produced by vertical direct casting. The main product portfolio of EI is 1XXX, 3XXX and 6XXX alloys.

### Primary Foundry Alloys

The primary Foundry Alloy products are produced in two sizes 10 kg and 23 kg Primary Foundry Alloys have a number of applications mainly in automotive industry for the manufacture of items such as wheels, engine blocks, gearbox, pumps, engine components and other applications in aeronautical industry. The main product portfolio of Foundry Alloy is Si7% and Si11%

# 05



**06**  
**REDUCTION**

# Production Facilities

## Qatalum's main operational facilities include:

- Power Plant
- Carbon Plant, including the Anode Service Plant
- Reduction Plant
- Cast house

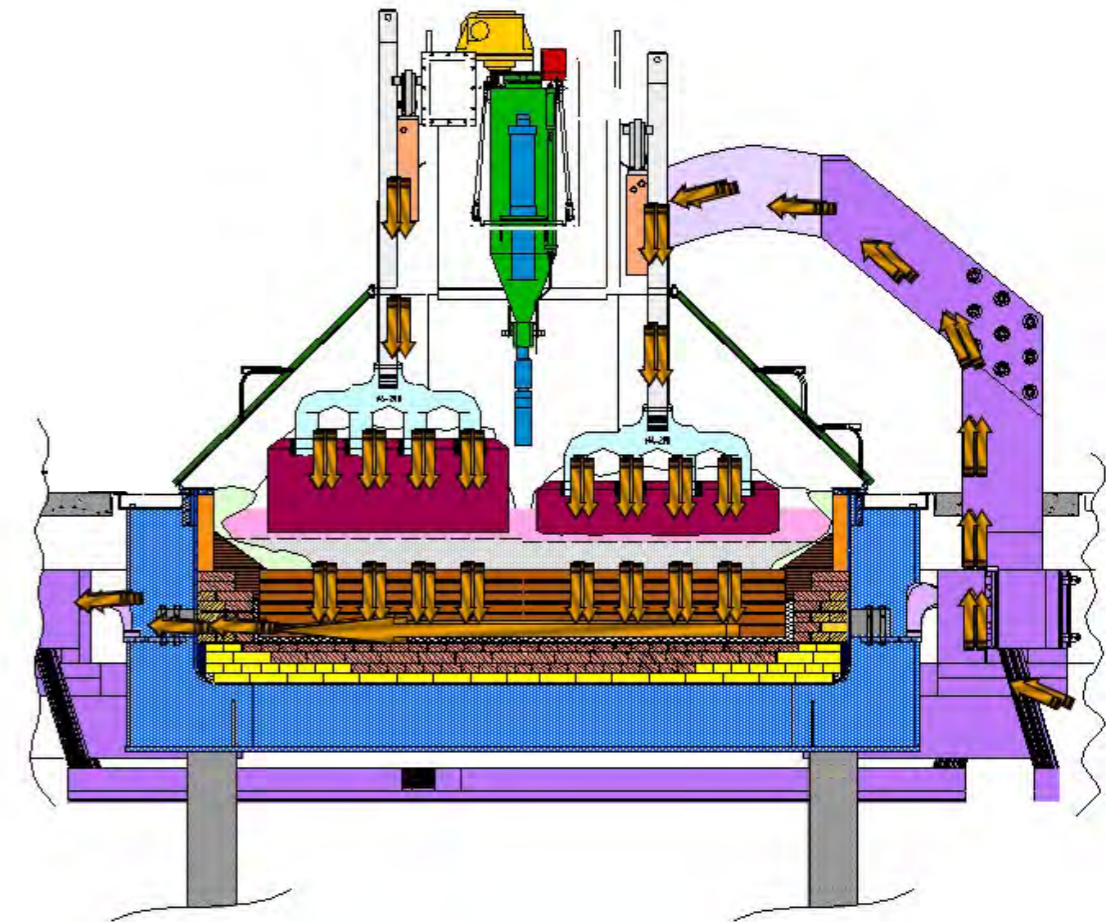
## The operational facilities are integrated with the following infrastructure:

a port area with a dedicated berth for raw material import with associated storage silos and transport facilities (Berth 8), and a second shared berth for product exports and handling general cargo (Berth 7); and utility and auxiliary services including gas distribution, cooling water systems, compressed air, warehouses and storage buildings.

## REDUCTION PLANT

Aluminium is produced by the Hall-Heroult electrolysis process using HAL275 technology operating at 330 kA. This process occurs in large steel containers called pots or cells. The Reduction Plant is housed in two long buildings (approximately 1,150 m in length) called potrooms. The two potroom buildings are adjacent and parallel to each other. Each potroom houses one reduction line of two rows of reduction pots, with a total of 352 pots in each potroom.

Each pot consists of a steel shell lined with refractory bricks, and carbon blocks serving as the cathode. The pot is fitted with a superstructure that supports the carbon anodes, and which stores and feeds alumina into the pots.





**07**  
**FEEDSTOCK**

# 07

## Feedstock

**Qatalum uses the Hall-Heroult electrolysis process using HAL275 technology in its production of primary aluminium, which is used to separate alumina by electrolytic reduction into its component parts of aluminum metal and oxygen gas.**

The main feedstock of QAMCO's JV comprises of the following:

### Natural Gas

The principal source of energy for Qatalum's operations is the electricity generated by the Power Plant, which is fuelled by natural gas. Qatalum meets all of its gas requirements through its long-term gas supply contract with Qatar Petroleum.

### Alumina

Alumina, the principal raw material required in the aluminium production process, is a white granular material properly called aluminium oxide. It is produced from bauxite ores (iron alumina silicate) and extracted from mines in various locations around the world. Qatalum uses the Hall-Heroult electrolysis process and HAL275 technology in its production of primary aluminium, which is used to separate alumina by electrolytic reduction into its component parts of aluminium metal and oxygen gas.

### Calcined Coke and Liquid Pitch

Calcined coke, together with liquid pitch, is used to produce the anodes which is used in the aluminium smelting process. Liquid pitch is a derivative of coal tar, and it is one of the core ingredients in the anodes used within the aluminium smelter.

### Aluminium Fluoride

Aluminium fluoride serves as a solvent in the aluminium smelting industry and, while representing a small proportion of the inputs in Qatalum's smelting process, it is of critical importance to managing efficient levels of electricity consumption. It is a chemical used in aluminium fluxes, as an electrolyte for the reduction of aluminium oxide to aluminium metal in the Hall-Heroult manufacturing process.



**08**

**OUR  
JOURNEY OF  
SUSTAINABILITY**

# Our Journey of Sustainability

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**Our Sustainability Journey is three-fold, encompassing Our Nation, Our People and Our Product**

**Since its inception, sustainability has been at the core of our operations. It sets the bar to which we gauge our impact coupled with the aim of balance and sustainability, aligned with the United Nations sustainable development goals. Our sustainability journey has been enhanced by our joint venture with Hydro— one of the most sustainable Aluminium producers globally.**

Sustainability has influenced each stage of our growth, all the way from site preparation in 2009, commencing plant operations in 2010 at the Aluminium smelter complex in Mesaieed Industrial City, Qatar, exporting the first ingot, through to finding innovative ways to process waste by-products.

In order to realize our ambition to be one of the most eco-friendly and efficient Aluminium smelters in the world, and in keeping with our mission - to create opportunities through environmental integrity by setting the benchmark in operational excellence, we focus on workforce competency, operational safety and environmental responsibility. This in turn helps us strike a balance between the three main components of sustainability - environment, social, and governance - to maximize the value we create for our business and our stakeholders.

We are proud to play a pivotal role in realizing Qatar's National Vision 2030, by contributing to economic diversification and growth, development of Qatari talent, empower local communities via partnerships, as well as a resilient environment for future generations.

# 08



Photo 1. QATALUM Plant

## Sustainability Management in General

A dedicated sustainability team, led by our Environment and Sustainability Manager, is responsible for collecting and analyzing Qatalum's sustainability performance data and advancing its aim and efforts within the various departments in the company. Having regular meetings, the team discuss environmental performance, risk & opportunities, waste management, priorities and progress with the CEO, COO, and representatives from all departments, ensuring that sustainability management is integrated in day-to-day operations.

### Our efforts for sustainability are further influenced by:

- The needs and expectations of all our stakeholders
- The Hydro approach to sustainability, the Hydro Way
- The Qatar National Vision 2030 and the Second National Development Strategy 2017-2022
- The Aluminium Stewardship Initiative (ASI)

## Environmental Management

Qatalum's Environmental Management System is ISO 14001:2015 certified and has been maintained since 2015.

Qatalum plant was designed as per the highest environmental standards using the Best Available Technologies (BAT) to reduce carbon footprint, HF, and criteria pollutant emissions. Notably, Qatalum has heavily invested in its Environmental Management Systems as evidenced by its environment pollution control facilities like Fume Treatment Plants (FTPs), double-duct fume collection system, low-NOx Gas turbines, Selective Catalytic Reduction (SCR), Waste Heat boilers, Regenerative Thermal Oxidizer (RTO), Recuperative Catalytic Oxidizer (RCO), Fume Treatment Centre (FTC), Wastewater Treatment Plant, among others. With these environment and pollution control systems in place, Qatalum's environmental performance is par excellence, particularly with regard to HF emissions, among other operating smelters in the Gulf region.

Over-all, Qatalum's environmental performance is primarily anchored towards meeting and maintaining compliance of its Consent to Operate (CTO) issued by the Ministry of Environment and Climate Change (MoECC). The Cto condition is comprehensive with limits and standards on water effluents and discharges, ballast water management, air emissions, ambient air quality, biodiversity, waste management from handling, storage and disposal, transboundary waste movement, hazardous materials management, noise, planned and unplanned abnormal operations reporting etc. To date, Qatalum continues to ensure that its Cto compliance and performance average percentage is well above 97%, and whenever non-compliances are detected, stakeholders and concerned departments are pro-actively engaged to resolve the issue using the RCA and CAPA tools.



Photo 2. QATALUM ISO 14K Certificate

has led to SPL being used in the manufacture of cement and steel. This initiative earned recognition from the Qatar Green Building Council (QGBC) Sustainability Awards in 2017 wherein Qatalum was one of the recipients of the Sustainability Initiative Award.

Qatalum continues to decrease its impact on land disposal through recycling collaborations with industries like Al Khalij Cement Company (AKCC) as recipient of spent pot lining [SPL], Qatar steel for scrap steel, and working with local downstream for various product recycling initiatives for dross, carbon dust and anode butts. Also, tapped bath from Qatalum has been introduced successfully in the ceramic-making process.

Subsequently, processes have also been intensified through streamlined dispatch and transfer from the generator facility to the recycler facility.

This effort of reducing the ecological footprint of an industry is one of the many environmental protection drivers of Qatalum to ensure sustainable development and one way of reassuring our stakeholders of being an environmentally responsible industry operator.

### Social and Governance

To meet the expectations of stakeholders, sustainability management and good governance guides Qatalum's practices to ensure long-term growth and improvement, benefitting the business and development in Qatar. Engaging a broad range of stakeholders in an ongoing dialogue is a core component of our approach, helping us to understand and prioritize those issues that matter the most to

Qatalum's business ethics encompass environmental protection; which is why investments in environmental protection and pollution control have been made to ensure the quality of air, water and land are within limits prescribed by regulations. Not only this, Qatalum strives for environmental management performance excellence by maintaining its ISO standard certification, and through continual engagement and awareness to inspire employees towards stewardship in environmental care and protection.

Specifically, on waste management, a method and partnership were developed wherein a by-product of Aluminium production i.e. Spent Pot Relining, commonly referred to as SPL, can be used by other industries in Qatar. Following the paradigm of 'one industry's waste is another industry's raw material', such innovation

our employees, shareholders, business partners, and the communities we operate in.

### QATALUM and ASI

After attaining membership with ASI, Qatalum has attained certification for both the ASI Performance Standard and Chain-of-Custody Standard which comes in a new era of Aluminium production. At Qatalum, all employees from junior staff to higher management are enjoined to act together as stewards of environment and sustainability to bring Qatalum products to a world demanding paradigm shift towards a sustainable planet triggered by the pandemic and climate change in general.

There is now a paradigm shift in everyone's approach towards sustainability calling for an inclusive mindset of stakeholders' interest as consumers and the general public are becoming more environmentally conscientious and demanding the need for responsible sourcing, a circular economy and recycling, and sustainability performance.

Being certified by ASI is another milestone towards the positive change we want to achieve, keeping in mind that the real task is to show measurable and continual improvements in the key parameters on environmental, social, and governmental impact of Aluminium production, use and recycling.





**09**  
**OUR**  
**PEOPLE**

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**QATALUM EMPLOYS 35  
DIFFERENT NATIONALITIES  
IN ITS REGULAR OPERATIONS  
TOWARDS A COHERENT AND  
SUSTAINABLE VISION  
FOR THE FUTURE.**

Qatalum has a dynamic and diverse workforce representing 35 nationalities of all age groups with various occupational backgrounds. Due to the nature of our operations and the comparatively harsh working conditions, 96.5% of our employees are male. Qatalum is committed to make the workplace more attractive for female employees.

## **QATARIZATION**

**Our people are our most valued asset. We aim to attract and retain the best talent, while at the same time providing an increasing number of Qataris with opportunities to work in one of the most advanced smelters in the world. We understand the value of our contribution to the socio-economic development of the State of Qatar through local employment, and have been leading intensive awareness and recruiting campaigns that are now resulting in a year- on- year increase in Qatari employment rates.**

**Our  
People**



## COMMUNITY PARTICIPATION, EDUCATION AND OUT REACH

**Across its decade-long efforts towards expansion and excellence, Qatalum has pursued an active community outreach programme. In line with the company's commitment towards the pillars of human development as embodied in the Qatar National Vision 2030, Qatalum continues to extend its support to various educational and health initiatives across the country.**

Qatalum has always considered the larger community as an extension of the company's own staff. With diabetes rates increasing at an alarming rate both within and beyond the country, Qatalum has used the opportunity to raise public awareness about the disease as well as to assist the Qatar Diabetes Association in its efforts to reach out to those afflicted by it. Besides providing financial support to cover the costs of blood glucose monitoring devices and accessories for several hundred patients, Qatalum's involvement has emphasized the need for the corporate sector to support such organizations to build a healthy future for the generations to come.

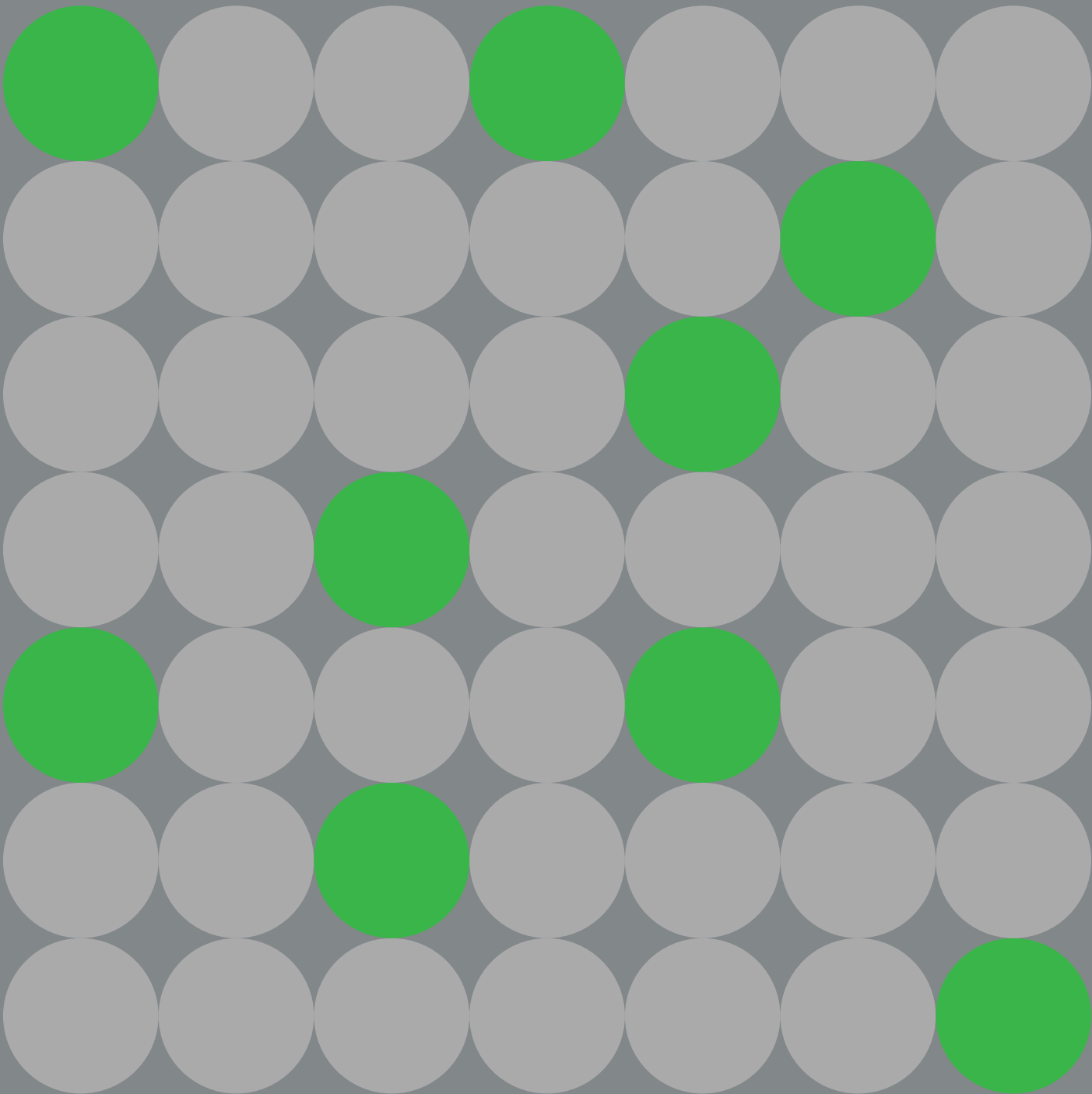
The smelter's efforts to build a healthy nation are matched by its initiatives to enhance the educational sector within Qatar. Be it for Qatalum's own staff or for university students, Qatalum consistently contributes to the development of knowledge-based growth in the country, by investing the time, expertise and resources of its staff. For instance, in 2017, in collaboration with Qatar University, Qatalum sponsored the fourth High School Bridge Competition. As a leading producer of a base metal, Qatalum saw the sponsorship as an ideal platform to encourage high school students to take up engineering as a career option for their university studies. In 2019, as part of its corporate social responsibility initiative, Qatalum donated 100 used working laptops to Abdurrahman Bin Jasim Preparatory School in Al Wakra City to help boost both the educational and personal development of the students.

Likewise, Qatalum regularly arranges Educational visits to the Smelter for Qatar University students from various science & engineering departments and Texas A&M University in Qatar



Mechanical Engineering students. This helps the students to gain first-hand experience about the processes and procedures that go into the production of Aluminium. Such visits offer students a chance to be guided by Qatalum's staff as they are introduced to the various phases of aluminium production. Tours of the Casthouse and Reduction centres give students a better understanding of how to apply their academic knowledge to practical and manufacturing applications.

A highlight of Qatalum's community outreach programme is the Annual Summer Internships it offered to university students, on an annual basis. Selected students from Qatar's various engineering colleges are assigned different departments at the smelter, to observe and undertake projects that are crucial to aluminium production. Students are also given an opportunity to identify bottlenecks and suggest practical solutions to optimize or improve production processes.

Apart from providing the larger community with various educational programmes, Qatalum also invests in its own staff. Each year, the company ensures that its staff attend technical workshops, conferences and symposiums that aim to refresh their knowledge, through training and excellence in performance. Qatalum also sponsors staff members' further studies at local and international universities and colleges to pursue their quest for higher education. Qatalum also plays a significant role as part of the Advisory Board of College of North Atlantic/Qatar and Community colleges of Qatar.



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