

THE PIONEER

THE MAGAZINE OF QATARGAS OPERATING COMPANY LIMITED

ISSUE 159, QUARTER 1, 2021

NORTH FIELD EAST PROJECT MILESTONES

JACKET INSTALLATIONS COMPLETED AND MEGA TRAINS EPC CONTRACT AWARDED



LANDMARK SHIPBUILDING AGREEMENT



> 8-9

QATAR SIGNS LARGEST SHIP CONSTRUCTION DEAL IN HISTORY WITH KOREA

10,000TH HELIUM DELIVERY FROM RAS LAFFAN



> 7

FIRST SHIP TO SHIP TRANSFER IN PHILIPPINES



> 14

Meeting the world's energy demands

Qatargas provides quality LNG and other hydrocarbon products to the global market safely and reliably. We operate 14 LNG trains with a total production capacity of 77 million tonnes per annum, two of the world's largest condensate refineries, two sales gas facilities, two helium plants, and a chartered fleet of 69 LNG vessels. Through efficient and reliable operations, commitment to our customers and the environment, we supply cleaner energy to the world.

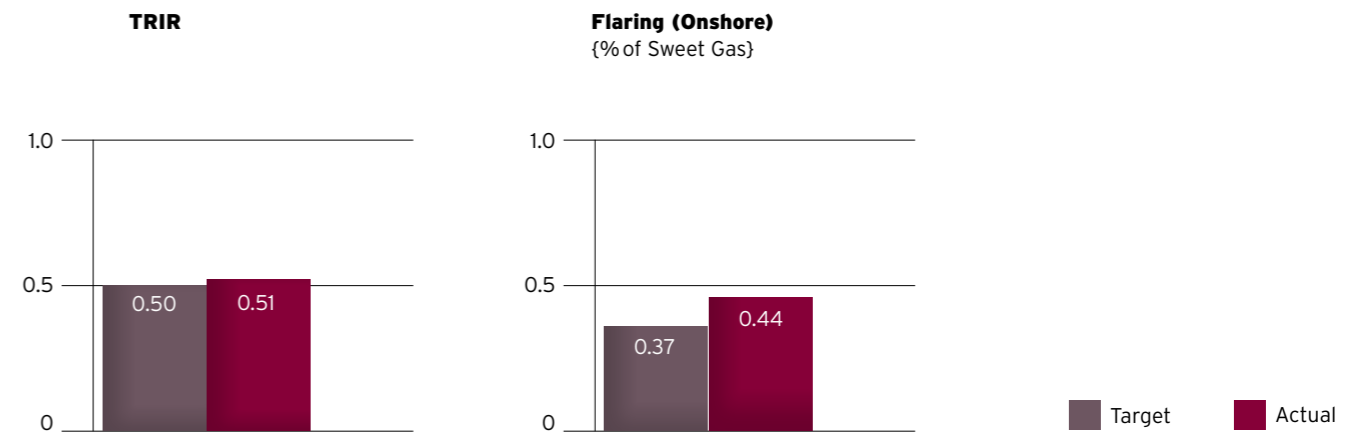


QATARGAS CORPORATE SCORECARD

YEAR TO DATE DECEMBER 2020



SAFETY, HEALTH AND ENVIRONMENTAL PERFORMANCE



EFFICIENT AND RELIABLE OPERATIONS

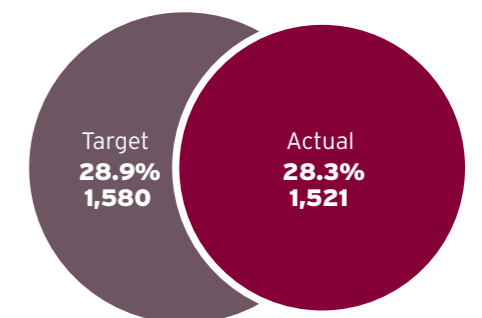
	Actual	Target
LNG Reliability	98.1%	98.1%
LR Reliability	98.3%	93.2%

CUSTOMER SATISFACTION

	Actual	Target
Late deliveries - LNG	0%	0%
Positive Responses to Customer Change Requests (over and above firm commitments)	100%	100%

QATARIZATION

A High Calibre and Diverse Workforce (Total Headcount)



CONTENTS

PIONEER

THE MAGAZINE OF QATARGAS OPERATING COMPANY LIMITED

Editorial Team

Editor in Chief:
Shawn Frederick


Editor:
Thajudeen V. Aliar

Arabic Editor:
AlaAldin AlNajjar

Published by
The Public Relations Department
Qatargas Operating Company
Limited

Qatargas Operating Company Limited
P.O. Box 22666
Doha, Qatar
Tel: +974 4452 3224
Fax: +974 4473 6628
Email: media@qatargas.com.qa

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3 A YEAR OF INDUSTRY-SHAPING FIRSTS

Message from the CEO.

4-6 NFE EXPANSION PROJECT MILESTONES

Jacket installations and mega trains contract critical steps toward Qatar's goal of producing 126 million tonnes of LNG per annum by 2027.

7 10,000TH CARGO DELIVERY FROM HELIUM 2 PLANT

Significant milestone reached in January 2021 with 10,000th cargo from Qatargas' Helium 2 plant in Ras Laffan.

8-9 HISTORIC LARGEST-EVER SHIPBUILDING AGREEMENT

QP signs landmark agreement to reserve LNG ship construction capacity in the Republic of Korea until 2027.

10-11 DEBUT Q-FLEX CARGO TO ADRIATIC TERMINAL

Cargo discharge operation is the first ever by the Qatargas LNG carrier to the Italian regasification terminal.

12 FIRST Q-FLEX CARGO TO ZHOUSHAN TERMINAL

Debut discharge operation to the Chinese terminal made by Qatargas LNG carrier 'Al Gharrafa'.



13 QATARGAS CHINESE TIANJIN LNG TERMINAL MILESTONES

'Al Mafyar' is the first Q-Max vessel to call at the LNG terminal and the 100th LNG vessel to do so in 2020.

14 FIRST EVER Q-FLEX SHIP-TO-SHIP LNG DELIVERY IN PHILIPPINES

Historic debut commercial transfer completed at Subic Bay in January 2021 by Q-Flex vessel 'Mesaimeer'.

15 BOIL-OFF GAS POWERS LNG VESSELS IN JAPAN

Programme to utilise LNG boil-off gas to power LNG vessels successfully initiated at Niigata LNG terminal.

16 QATARGAS SUCCESS FACTORS

HR to launch a fully integrated Recruitment Cloud Solution to boost effective staff acquisition.

17 QATARIZATION CRYSTAL AWARD

Premier award for Training and Support acknowledges Company's excellence in development of Qatari employees.

18 L&D EARN PRESTIGIOUS GOLD ACCREDITATION FROM IIP

The 'We Invest in People' gold accreditation from Investors in People is an international standard in people management.

19 DEBUT VIRTUAL CEO FORUM

Held digitally for the first time, the annual event provided an opportunity to meet with the CEO and Management Leadership Team.

20-21 INNOVATIVE RECYCLING SUCCESS STORY

Spent molecular sieves recycling initiative in a Qatari cement plant boosts Company recycling rates to new highs.

22-23 GO GREEN BREATHE CLEAN

Aimed at promoting awareness in the student community of pressing environmental issues, Qatargas' school outreach programme is a huge success.



24 FOURTH QATARGAS U-23 FOOTBALL LEAGUE

The 2020-2021 Qatargas U-23 League kicked off in late-October with the participation of 12 clubs from the First Division.



A CONSISTENT PURSUIT OF OPPORTUNITY, GROWTH & PROGRESS

A YEAR OF INDUSTRY-SHAPING FIRSTS



The past year was one that fundamentally reshaped the world, with the pandemic serving as the ultimate disruptor of economies and industries, families and lives.

Yet at Qatargas, our deeply entrenched safety-first culture and steadfast commitment to teamwork and flexibility had long set the stage for a response that was adaptable and appropriate, effective and efficient.

Now, as we begin 2021, the Company's growth mindset has served us well, heralding a spate of impressive firsts that emphasise how firmly on the path we are to achieving our goals.

Chief among these is the North Field East (NFE) expansion project, which continues to progress from milestone to milestone, the most recent of which

include a 'Letter of Award' signed with Chiyoda Technip Joint Venture for the construction of four new LNG mega trains, and the completion of the project's jacket installations, bringing Qatar closer to its goal of increasing liquefied natural gas (LNG) capacity to 126 million tonnes per annum by 2027.

The pace at which the project has progressed has been impressive, yet it has not come at the expense of health and safety, and I am deeply pleased to confirm that the jacket installations were completed with six million man hours without a lost-time injury.

Given its importance to both Qatar and the LNG industry, the NFE mega-project remains a top priority, but it is supplemented and indeed complemented - by our consistent pursuit of new opportunities.

In this respect, we are immensely proud that Qatargas safely and successfully completed the first ever commercial ship-to-ship (STS) transfer of LNG cargo in the Philippines in late-2020.

This shipping breakthrough was the first time that one of the largest

LNG vessels, a Q-Flex, was involved in a commercial STS operation, enabling Qatargas to now transport considerable volumes as efficiently as possible to key high-value markets worldwide.

Additionally, the Company is poised to account for approximately 35% of the world's helium production when the Helium 3 plant is inaugurated later this year. In early 2021, we reached a landmark 10,000th cargo delivery from the Helium 2 Plant, signifying yet another step forward in our journey to deliver on our Mission.

Given the challenging circumstances of the past year, it is tremendously rewarding to note that, with continued investment at every level, Qatargas' progress remains steadfast and our growth sustainable.

KHALID BIN KHALIFA AL THANI
CHIEF EXECUTIVE OFFICER,
QATARGAS

NFE PROJECT MILESTONES: JACKET INSTALLATIONS COMPLETED AND MEGA TRAINS CONTRACT AWARDED

The completion of Qatar’s North Field East (NFE) Project gained massive momentum recently with two significant milestones reached the successful installation of the final four offshore jackets and the signing of a ‘Letter of Award’ for the construction of four new mega trains. First production from these trains is scheduled for the end of 2025.



The North Field East (NFE) Expansion Project jacket installation in progress in October 2020.

Signed by Khalid bin Khalifa Al Thani, Chief Executive Officer (CEO), Qatargas in February, the major contract was awarded to Chiyoda Technip Joint Venture (CTJV) the same Joint Venture that built the existing mega trains for Qatargas. The award of this contract represents the culmination of front-end engineering and design (FEED) work which started on the North Field East (NFE) expansion in March 2018.

Khalid bin Khalifa Al Thani, CEO, Qatargas, said, “The signing of the ‘Letter of Award’ is indeed a major milestone and history in the making...[It] reflects QP’s commitment under the leadership of HE Mr. Saad Al-Kaabi to turn the Vision of His Highness the Emir into reality based on the earned trust and confidence the entire QP leadership has in Qatargas’ ability to deliver this mega project in the most efficient and effective manner.”

First production from the trains is scheduled for year-end 2025 which, once fully completed in 2027, will increase Qatar’s liquefied natural gas (LNG) production to 110 million tonnes per annum (MTPA). When coupled with the North Field South expansion project, the combined output will raise the country’s total LNG production to 126 mtpa, making Qatargas by far the largest single LNG producer in the world.

The mega train contract closely follows the successful installation of the NFE project’s final four offshore jackets in late 2020. The Engineering, Procurement, Construction and Installation (EPCI) contract for the offshore jacket installation was awarded to McDermott Engineering Middle East Inc. in April 2019. McDermott was also awarded the FEED contract for the eight associated topsides and pipelines in May 2019.

“The completion of the offshore jacket installations is a critical part of the overall expansion project and has been delivered in a timely manner with an excellent performance on safety and quality,” said HE Mr. Saad Sherida Al-Kaabi, the Minister of State for Energy Affairs, the President and CEO of QP and Chairman of the Qatargas Board of Directors. “I would like to congratulate Qatargas and McDermott on this significant achievement. We appreciate their collaboration with Qatar Petroleum while managing the difficult circumstances brought about by the global pandemic.”

Anchored directly onto the seabed, the recently installed steel jackets will be used to support the deck and the topsides for the NFE Project. The installation

follows the earlier installation of four other jackets, bringing the number of jacket installations in the project to a total of eight.

In recognition of this achievement, Qatargas’ CEO confirmed, “I am delighted at the pace with which the NFE expansion project is progressing. The entire NFE Offshore team and our contractor, McDermott, deserve praise and appreciation for this great accomplishment as they worked tirelessly on the successful installation of these jackets.”

Highlighting the seamless installation and outstanding safety performance, the CEO added, “Quality and flawless execution are the hallmarks of any Qatargas project and I’m sure that the NFE team will maintain the same team spirit and uphold our shared values as we continue to deliver on the expansion project. The project team has achieved this milestone by completing six million man hours without any lost time injuries. This should make everyone on the team especially proud.”

Drilling Campaign

QP announced the start of the development drilling campaign for NFE in April 2020. The first of 80 NFE development wells was spudded on 29 March of that year by the drilling jack-up rig ‘GulfDrill Lovanda’, which is managed and operated by GulfDrill, a joint venture between the Qatar-based drilling company, Gulf Drilling International, and Seadrill Limited. QP had earlier awarded a number of contracts for jack-up drilling rigs to be utilised for the drilling of 80 development wells for the NFE.

Qatargas has a proven track record

of delivering on major projects, and in operating various onshore and offshore facilities in the North Field with world-class reliability and operational excellence.

Khalid bin Khalifa Al Thani, CEO Qatargas, said, “The execution of the new onshore EPC contract, the installation of

all eight jackets and the commencement of drilling offshore represents the culmination of years of outstanding work performed by an integrated team from Major Projects and Subsurface groups. These teams work closely at all times to ensure all Qatargas North Field



The first of 80 NFE development wells was spudded on 29 March 2020 by the jack-up rig, ‘GulfDrill Lovanda’.

“The completion of the offshore jacket installations is a critical part of the overall expansion project and has been delivered in a timely manner with an excellent performance on safety and quality.”

- HE Mr. Saad Sherida Al-Kaabi, the Minister of State for Energy Affairs, the President and CEO of Qatar Petroleum, and Chairman of the Qatargas Board of Directors.

developmental activities are designed and executed, whether onshore or offshore, in harmony and in a consistent manner.”

In keeping with Qatargas' approach to the environmental management and aligning with the goals of Qatar National Vision 2030, which envisions preserving the environment for future generations, the North Field project is also being constructed to the highest environmental standards. This includes incorporating best available technologies to reduce air and water emissions. Enhanced waste heat recovery, boil-off gas recovery and feed gas CO² capture will also deliver a 25% reduction in greenhouse gas (GHG) emissions relative to previous Qatargas mega trains.



Anchored directly onto the seabed, the recently installed steel frame jackets will be used to support the deck and the topsides in fixed offshore platforms of the NFE project.

	<p>8</p> <p>The recent installation follows the earlier installation of four new jackets, bringing the number of jacket installations in the NFE project to a total of eight which will support the future topsides facilities.</p>		<p>250</p> <p>Kilometres of pipeline that will be installed to bring the gas to Ras Laffan. In addition the project will install 250 km of MEG pipeline and 280 km of fiber optic cable.</p>
	<p>80</p> <p>The number of development wells scheduled for the NFE project.</p>		<p>300</p> <p>Pipeline and cable crossing in the North Field.</p>
	<p>6 million</p> <p>The number of man hours completed without a Lost Time Injury</p>		<p>4</p> <p>The number of LNG trains to be constructed by the NFE project. First production from the trains is scheduled for year-end 2025.</p>
	<p>126 mtpa</p> <p>With the addition of the North Field South project, Qatar will increase its LNG production capacity to 126 million tonnes per annum by 2027.</p>		

“The signing of the ‘Letter of Award’ for four mega trains is indeed a major milestone and history in the making...[It] reflects QP’s commitment under the leadership of HE Mr. Saad Al-Kaabi to turn the Vision of His Highness the Emir into reality based on the earned trust and confidence the entire QP leadership has in Qatargas’ ability to deliver this mega project in the most efficient and effective manner.”

- Khalid bin Khalifa Al Thani, Chief Executive Officer, Qatargas.

LANDMARK 10,000TH CARGO DELIVERY FROM HELIUM 2 PLANT

Qatargas reached a significant milestone in December 2020 when it loaded the 10,000th cargo of helium from its Helium 2 plant in Ras Laffan.

With its proven record for safety, reliability and quality, the helium delivery cements Qatar’s position as one of the world’s leading helium producers and exporters. Qatargas is the operator of Qatar’s helium production, storage and loading facilities located in Ras Laffan, which includes the Helium 1 and 2 plants.

These plants have a combined production capacity of 2.2 billion standard cubic feet (bscf) per year. With the

inauguration of the Helium 3 plant in 2021, Qatargas will account for approximately 35% of world helium production, with an overall production capacity of 2.6 bscf per year.

The Qatargas Helium 2 Plant, which is the largest helium production facility in the world, commenced production in June 2013 and the 5000th cargo from Helium 2 was loaded in May 2017. Qatargas also operates the Helium 1 plant, which started

production in September 2005.

Highly sought after worldwide, Helium has high value applications in science, medicine and high-tech industries, including semiconductors, magnetic resonance imaging (MRI), space exploration and fibre optics. Global demand for helium is forecast by the industry to continue to grow at 2 to 3% per annum for the foreseeable future.

Helium has high value applications in science, medicine and high-tech industries, including semiconductors, magnetic resonance imaging (MRI), space exploration and fibre optics.



2.6 billion scf

With the inauguration of the Helium 3 plant in 2021, Qatargas will account for approximately 35% of world helium production, with an overall production capacity of 2.6 bscf per year.

The Qatargas Helium operations in Ras Laffan, Qatar, include the Helium 2 Plant, which is the largest facility of its kind in the world.

QATAR PETROLEUM SIGNS LARGEST SHIPBUILDING AGREEMENT IN HISTORY

Qatar Petroleum enters into landmark agreement to reserve LNG ship construction capacity in the Republic of Korea until 2027.

In June 2020, Qatar Petroleum (QP) entered into an agreement in a virtual signing ceremony to reserve liquid natural gas (LNG) ship construction capacity in the Republic of Korea, the largest agreement of its kind in shipbuilding history. Comprising three individual agreements, these are to be utilised for Qatar Petroleum's future LNG carrier fleet requirements, including for ongoing expansion projects in Qatar's North Field and in the United States.

Under the agreements, the 'Big 3' Korean shipyards - Daewoo Shipbuilding and Marine Engineering (DSME), Hyundai Heavy Industries (HHI), and Samsung Heavy Industries (SHI) - will reserve a major portion of their LNG ship construction capacity for QP until 2027.

The agreements were signed by His Excellency Mr. Saad Sherida Al-Kaabi, the Minister of State for Energy Affairs, the President and Chief Executive Officer of Qatar Petroleum and Chairman of Qatargas Board of Directors, in a virtual signing ceremony attended by His Excellency Sung Yun-mo, the Minister of Trade, Industry and Energy of the Republic of Korea.

Also in attendance were Khalid bin Khalifa Al Thani, CEO of Qatargas, the CEOs of the Korean shipyards, senior representatives from Korea's Ministry of Trade, Industry and Energy, as well as executives from Qatar Petroleum, Qatargas, and the three Korean shipyards.

Speaking during the virtual signing ceremony, His Excellency Minister Al-Kaabi said, "The signing of today's agreements with the three esteemed Korean companies reflects our commitment to the North Field expansion projects, even during these extraordinary times. As I have previously stated, we are moving full steam ahead with the North Field expansion projects to raise Qatar's LNG production capacity from 77 million today to 126 million tons per annum by 2027 to ensure the reliable supply of additional clean energy to the world, at a time when investments to meet these requirements are most needed. These agreements will ensure our ability to meet our future LNG fleet requirements to support our expanding LNG production capacity and long-term fleet replacement requirements."

His Excellency Minister Al-Kaabi added, "With the conclusion of these milestone agreements, we have everything in place to commence the largest LNG shipbuilding programme in history. We have secured approximately 60% of the global LNG shipbuilding capacity through 2027 to cater for our LNG carrier fleet requirements in the next seven to eight years, which could reach 100-plus new vessels, with a programme value in excess of QAR70 billion."

The new LNG vessels will be equipped with the latest generation slow speed dual fuel engines, utilising LNG as a fuel. This will ensure the most efficient performance and compliance with the latest global emission and environmental regulations.

QP's LNG carrier fleet programme is the largest of its kind in the history of the LNG industry, and will play a pivotal role in meeting the shipping requirements of QP's local and international LNG projects, as well as replacing parts of Qatar's existing LNG fleet.



QAR 70 billion
The landmark South Korea shipbuilding agreement is valued at more than QAR70 billion.



"With the conclusion of these milestone agreements, we have everything in place to commence the largest LNG shipbuilding programme in history."

- His Excellency Mr. Saad Sherida Al-Kaabi, the Minister of State for Energy Affairs, the President and Chief Executive Officer of Qatar Petroleum and Chairman of Qatargas Board of Directors.

QP & SOUTH KOREA'S HISTORIC SHIPBUILDING AGREEMENT IN NUMBERS



3

The milestone agreement was signed with the 'Big 3' Korean shipyards - Daewoo Shipbuilding and Marine Engineering (DSME), Hyundai Heavy Industries (HHI), and Samsung Heavy Industries (SHI).



60%

Qatar Petroleum has secured approximately 60% of the global LNG shipbuilding capacity to cater for its LNG carrier fleet requirements until 2027.



100

Qatar's ship building programme will likely approach 100 new vessels in the next seven to eight years.

QATARGAS DELIVERS DEBUT Q-FLEX LNG CARGO TO ADRIATIC TERMINAL IN ITALY

The delivery is the first cargo discharge operation by a Qatargas Q-Flex LNG carrier to the Mediterranean terminal.

Qatargas delivered the first cargo of liquefied natural gas (LNG) on a Q-Flex LNG carrier to the Adriatic LNG receiving terminal on the east coast of Italy in June 2020.

The cargo was loaded aboard the Qatargas-chartered LNG vessel, 'Tembek', at Ras Laffan and delivered to the Adriatic LNG terminal 12 days later. The delivery is the first cargo discharge operation by a Qatargas Q-Flex LNG carrier to the Italian terminal.

The Adriatic LNG terminal is located 14 kilometres offshore of Porto Levante in the northern Adriatic near Rovigo, Italy. It is the world's first offshore gravity-based LNG regasification terminal. The terminal is operated by ExxonMobil (70%), Qatar Terminal Ltd. (23%), a subsidiary of Qatar Petroleum, and Snam (7%).

The terminal is connected to the Italian national distribution network through integrated pipelines, and it has a regasification capacity of 8 billion cubic metres of LNG per year (equal to half the total Italian LNG import capacity), currently supplying more than 10% of the country's natural gas requirements.

The Adriatic LNG terminal is the world's first offshore gravity-based LNG regasification terminal and is operated by ExxonMobil (70%), Qatar Terminal Ltd. (23%) and Snam (7%).



8 billion m³
Italy's Adriatic terminal has a regasification capacity of 8 billion cubic metres of LNG per year, half of the country's total LNG import capacity.

Located near Rovigo, Italy, the Adriatic terminal currently supplies more than 10% of the country's natural gas requirements.

Qatargas-chartered LNG vessel, 'Tembek', delivers the first cargo of liquefied natural gas (LNG) on a Q-Flex LNG carrier to Italy's Adriatic LNG receiving terminal in June 2020.

FIRST Q-FLEX LNG CARGO DELIVERED TO ZHOUSHAN TERMINAL IN CHINA

Delivery is the debut cargo discharge operation by Qatargas to the Chinese terminal using a Qatargas Q-Flex LNG carrier.



Qatargas-chartered LNG vessel, 'Al Gharrafa', safely delivered its cargo to Zhoushan terminal in China in April 2020.

The cargo aboard the Qatargas-chartered LNG vessel, 'Al Gharrafa', was loaded at Ras Laffan on 16 March 2020 and delivered to the terminal located in the New Port Industrial Park of Zhoushan Economic Development Zone, China, on 1 April 2020.

The delivery was the first cargo

discharge operation by Qatargas to the Chinese terminal involving a Q-Flex LNG carrier. The Zhoushan terminal, which consists of two shore tanks, each with a capacity of 160,000 cubic metres, also has a dedicated LNG berth, with a capacity of 3 million tonnes per year in its first phase.

The Zhoushan LNG terminal consists of two shore tanks, each with a capacity of 160,000 m³ and has a dedicated LNG berth, with a capacity of 3 million tonnes per year in its first phase.

ABOUT CHINA'S ENN GROUP

ENN Group is one of the largest clean energy distributors in China. Its key business is the sale and distribution of piped gas and LNG, but also includes other multi-energy products, as well as investments in construction and operation of gas pipeline infrastructure, vehicle and ship refueling stations, and integrated energy projects. As of 31 December 2019, the ENN Group had 209 projects in China located in 27 provinces, municipalities and autonomous regions, covering a connectable urban population of 104 million people.

Q-MAX VESSEL DELIVERS FIRST LNG CARGO TO TIANJIN TERMINAL IN CHINA

Qatargas carrier 'Al Mafyar' is the first Q-Max LNG vessel to call at the Tianjin LNG receiving terminal and the 100th LNG vessel to call at the terminal in 2020.

The cargo aboard the Qatargas-chartered liquid natural gas (LNG) vessel, 'Al Mafyar', was loaded at Ras Laffan on 21 October 2020 and delivered to the Tianjin terminal, located in the northern port city of Tianjin, near Beijing, on 10th November 2020. This is the first cargo discharge operation by Qatargas to this LNG terminal involving a Q-Max LNG carrier.

The Tianjin LNG Receiving Terminal is owned and operated by the China Petroleum and Chemical Corporation (Sinopec), one of China's largest state-owned enterprises. The terminal received its first LNG cargo in February 2018 and has since received more than 200 LNG cargoes.

The terminal has a capacity of six million tonnes per annum (MTPA), though it is currently being expanded to handle up to 10.8 MTPA by 2022. Of China's 22 LNG receiving terminals currently in operations, 11 are able to accommodate Q-Max LNG

vessels, the largest LNG vessel class in the world.

Qatargas has, since September 2009, delivered a total of 62 million tonnes of LNG to 13 of the country's terminals.

China has a total of 22 LNG receiving terminals, 11 of which can accommodate Q-Max LNG vessels. Qatargas has to date delivered LNG cargoes to 13 LNG terminals in China.



Qatargas Q-Max LNG carrier 'Al Mafyar' delivering its cargo to the Tianjin terminal, which has a capacity of six million tonnes per annum (MTPA) and is currently being expanded to handle up to 10.8 MTPA by 2022.

FIRST EVER Q-FLEX SHIP-TO-SHIP CARGO DELIVERY OF LNG TAKES PLACE IN PHILIPPINES

The historic debut commercial ship-to-ship transfer was completed at Subic Bay in the Pacific Ocean archipelago nation in January.



Qatargas-chartered Q-Flex vessel 'Mesaimmeer' delivered the historic cargo on January 6, 2021.

A full cargo of 212,000 cubic metres of liquid natural gas (LNG) was loaded aboard the Qatargas-chartered Q-Flex vessel 'Mesaimmeer' at Ras Laffan Port on 18 December 2020 and delivered as two separate parcels.

The first parcel was delivered through ship-to-ship (STS) transfer in Subic Bay on 6 January 2021 and the second parcel to the Jiangsu LNG terminal in The People's Republic of China as a conventional

discharge. Both sales were made to PetroChina as the customer.

Commenting on this significant accomplishment, Khalid bin Khalifa Al Thani, Qatargas Chief Executive Officer, stated, "We are delighted to announce this shipping breakthrough, as it is the first time that one of the largest LNG vessels, a Q-Flex, has been involved in a commercial STS operation. This achievement will enable us to transport considerable

212,000m³
A full cargo of 212,000 cubic metres of LNG was loaded aboard the Qatargas-chartered Q-Flex vessel 'Mesaimmeer' at Ras Laffan Port on 18 December 2020.

volumes as efficiently as possible into key markets. Moreover, this will be an attractive option for our potential customers with limited shipping capacity and for those who are looking for smaller or irregular sized cargo parcels."

The Qatargas CEO added, "STS transfers such as this will further optimise our shipping capabilities by using our most efficient LNG vessels to shift volumes into key high-value markets. I would like to thank PetroChina, who are one of our long-term partners in the LNG industry, for their support and cooperation."

The LNG vessel, 'Mesaimmeer', is on a long-term charter to Qatargas and operated by NSQL - Nakilat Shipping (Qatar) Limited.

"STS transfers such as this one will optimise our shipping capabilities by using our most efficient LNG vessels to shift volumes into key high-value markets."

- Khalid bin Khalifa Al Thani, CEO, Qatargas.

QATARGAS EMPLOYS BOIL-OFF GAS TO POWER LNG VESSELS

Programme to utilise LNG boil-off gas to power Qatargas-chartered conventional LNG vessels has been successfully initiated at Japanese LNG terminals.

Qatargas has successfully initiated a programme to utilise liquefied natural gas boil-off gas to power its chartered conventional LNG vessels during unloading operations at Japanese LNG terminals. The programme is being implemented with the cooperation of Qatargas' Japanese buyers.

The Company's chartered conventional LNG vessel, 'Al Jasra', successfully conducted the first such boil-off gas to power operation while discharging at the Niigata LNG Terminal in Japan in October 2019.

Since then, Qatargas' chartered fleet of conventional LNG vessels completed 61 such operations successfully at various Japanese terminals, reducing emissions and enhancing environmental compliance.

LNG tankers are designed to carry natural gas in liquid form at a temperature of 163°C - close to the temperature required for vaporisation. This natural evaporation, known as boil-off, is unavoidable and has to be removed from the tanks in order to maintain the cargo tank pressure.

Using the boil-off natural gas instead of conventional fuel oil significantly reduces greenhouse gas and other harmful emissions over the course of the discharge operation. Qatargas is committed to minimising emissions of greenhouse gas and other pollutants by use of natural gas, the cleanest fossil fuel, in one of its critical operations.

Using the boil-off natural gas instead of conventional fuel oil significantly reduces greenhouse gas and other harmful emissions over the course of the discharge operation.

163°C
LNG tankers are designed to carry natural gas in liquid form at a temperature of 163°C - close to the temperature required for vaporisation.



Qatargas-chartered conventional LNG vessel, 'Al Jasra', successfully conducted the first boil-off gas to power operation while discharging at the Niigata LNG Terminal in Japan in October 2019.

FROM APPLICANT TO EMPLOYEE: QATARGAS' HR SUCCESS FACTORS

HR Department announces plan to launch a fully integrated Recruitment Cloud Solution spanning the complete Attract-to-Hire process.

Qatargas' Human Resources (HR) Department is pleased to announce a plan to launch a fully integrated Recruitment Cloud Solution spanning the complete Attract-to-Hire process for staff acquisition.

The plan's key deliverables include:

- Providing visibility and insight to all steps of the recruitment process for line managers, HR teams and all other stakeholders. The solution will also include rebuilding the corporate website for internal and external job postings.
- Serving as a visibility tool aimed at introducing and promoting a positive image of Qatargas to external workforces and industry affiliates.
- Ensuring accurate and efficient data flow to the existing Qatargas systems, such as SAP HCM, Outlook and other live QGITM modules, as well as external job boards, agencies, and social media applications, such as LinkedIn.

The go-live is planned with a one-time deployment of the following modules:

Recruitment Management System (RCM)

The RCM will manage each line's manpower needs in order to backfill positions. It will start by prioritising key vacancies based on business needs, inclusive of all hire types-direct

hires, secondees, national graduates and general walk-ins - all the way to identifying the best potential candidates. Each step will be documented and governed by defined roles and permissions that will ensure information, data and documentation confidentiality and ease of exchange during the selection process.

Recruitment Marketing (RMK)

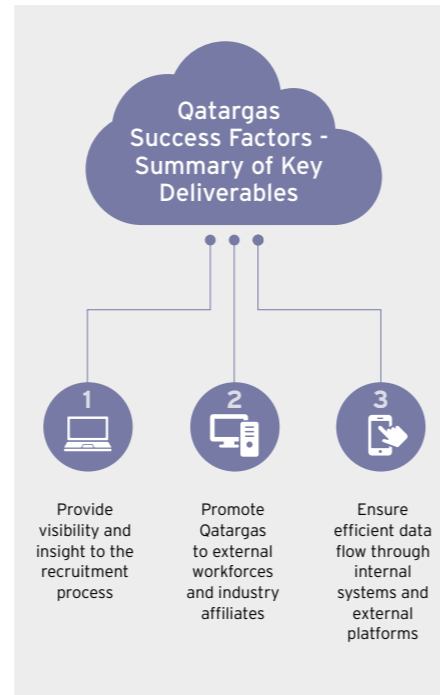
This will include an enhanced interactive careers website, featuring multi-channel job postings and social network integrations, leading to a seamless candidate experience. The Recruiting Marketing application will replace the current Qatargas Careers website page and will consist of multiple pages aimed at enhancing the user journey. The new site will also feature content that attracts National talent from various sources such as career fairs, universities and colleges. In order to attract the best of both National and expat talent, the site will also promote Qatargas as an employer of choice.

Onboarding (ONB)

In order to guarantee a smoother integration of new hires with the Qatargas culture and way of work, the Onboarding Module will streamline and manage recruitment mobilisation activities.

New hires will be equipped with the toolkits and information they

need to succeed even before their first day on the job. This process will also enhance data quality as employee data will flow seamlessly among HR sections and systems, such as Personnel Administration, Recruitment and Government Affairs, with minimal manual maintenance needed.



The Qatargas Human Resources go-live is planned with a one-time deployment of three GDPR Compliant modules: a Recruitment Management System, Recruitment Marketing and Onboarding.

QATARGAS RECEIVES QATARIZATION CRYSTAL AWARD FOR SUPPORT IN TRAINING AND DEVELOPMENT

Company acknowledged for leading the way in developing the full potential of Qatari employees.

Qatargas received the prestigious Crystal Award for supporting Qatarization in the area of 'Training and Development' in May. The award was announced by His Excellency Mr. Saad Sherida Al-Kaabi, Minister of State for Energy Affairs, President and Chief Executive Officer (CEO) of Qatar Petroleum.

For the 12th consecutive year, the Energy Sector Annual Qatarization Awards recognised companies that have consistently exhibited excellent work in advancing the goals of Qatarization.

Al Thani, Chief Executive Officer (CEO), Qatargas, said "We are very proud to be recognised with this special award. It is proof of our commitment to develop a strong workforce aligned with the Qatar National Vision 2030, and our focus on sustainable development through creating a comprehensive learning environment."



As part of its Qatarization efforts, Qatargas develops its nationals through effective and efficient development plans for national graduates, national employees on establishment, and nationals in talent pools.

Best practice learning interventions

As part of its Qatarization efforts, Qatargas develops Nationals through effective and efficient development plans for Qatari graduates, employees on establishment, and in talent pools. Special focus is given to monitoring and following-up on individual development and to providing counselling.

In addition, the Company's national employees are supported with best practice learning interventions to close competence gaps and to prepare them for future roles as part of the company's succession planning.

Qatargas' approach to development follows a '70% on the job experience, 20% coaching, and 10% classroom' training model. During 2019, the Company provided various opportunities to Nationals to develop and enhance competencies using technical and behavioural competencies frameworks.

Meaningful results that impact the business

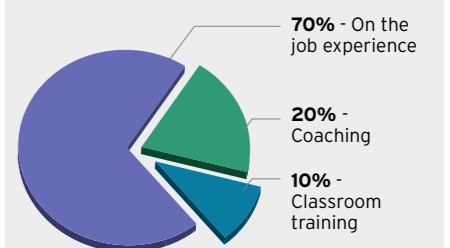
Qatargas' short- and long-term plans strive to support Qatarization with quality training for nationals in order to develop a high-calibre and capable workforce.

Consequently, the Company invests significant time and effort to support and develop its workforce through training and development. It also provides required tools and practices, as well as an internal network of facilitators, to deliver meaningful results in developing its Nationals within the Company.

This consistent delivery and quality learning indeed makes an impact on the business, and is at the heart of the Company's Qatarization strategy.

THE QATARGAS APPROACH TO DEVELOPMENT

Qatargas' approach to development of its National workforce follows the '70% / 20% / 10%' model.



"This award is a proof of our commitment to develop a strong workforce aligned with the Qatar National Vision 2030."

- Khalid bin Khalifa Al Thani, CEO, Qatargas.

L&D DEPARTMENT AWARDED PRESTIGIOUS INTERNATIONAL PEOPLE MANAGEMENT GOLD ACCOLADE

Qatargas' Learning and Development (L&D) Department has earned the 'We Invest in People' gold accreditation from Investors in People (IIP), an international standard for people management.

The Gold accreditation was conferred upon the L&D Department in October 2020 by United Kingdom-based IIP, which provides the accreditation based on the latest workplace trends, leading practices and employee conditions that are required to create high performing teams.

Commenting on the accreditation, Adnan Hassan Al Shaibi, L&D Manager

at Qatargas, said: "We are delighted to receive this prestigious accreditation as only 17% of IIP-accredited organisations worldwide reach the Gold level. The Gold accreditation means that the L&D department has well-established policies, procedures and systems in place to support our people, and everyone in the department takes ownership for making

them come to life. This is a significant achievement for any organisation that values their people."

The achievement provides an insight into how well Qatargas is currently leading, supporting and developing its high calibre and diverse workforce to achieve the best business results. In addition, it helps the Company measure the impact of its people strategy and how this strategy benefits its workforce.

"We are delighted to receive this prestigious accreditation, as only 17% of IIP-accredited organisations worldwide reach the Gold level. This is a significant achievement for any organisation that values their people."

- Adnan Hassan Al Shaibi, L&D Manager, Qatargas.



INVESTORS IN PEOPLE®
We invest in people Gold

VIRTUAL CEO FORUM HELD FOR QATARGAS NATIONAL GRADUATES AND TRAINEES

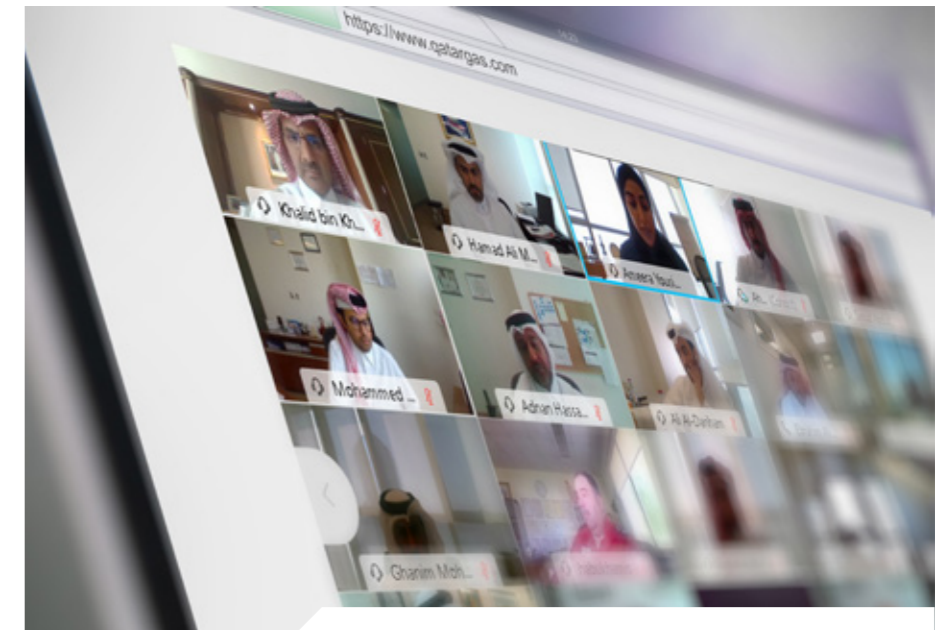
Held digitally for the first time due to the global pandemic, the annual event provided an opportunity for national graduates and trainees to meet with the Qatargas CEO and Management Leadership Team.

Facilitated in late December by the Qatargas Learning and Development (L&D) Department, the theme for this year's CEO Forum was 'Investing in Premier Nationals'. During the event, 11 national graduates, 12 coaches, two trainees and six scholars were presented with special awards for excelling in their respective areas.

National graduates and trainees were also given a chance to participate in discussions on their individual development plans and to seek any clarifications from the management on their career path and the support each required to reach their respective positions.

Addressing the participants, Khalid bin Khalifa Al Thani, Qatargas Chief Executive Officer (CEO), said, "Qatarization is an important strategic objective for Qatargas and stems from our commitment to fulfilling the Qatar National Vision 2030 and is in full alignment with the Qatargas Direction Statement to develop, support and retain a high calibre workforce. We focus on the quality of our people and, most importantly, look at the ways whereby we can support their development through world-class capacity building programmes."

The CEO added: "Despite all its negative implications, the global pandemic has in fact made us stronger and more competitive than ever before. It helped us evaluate, reflect upon and implement our strategic priorities. I would like to take this opportunity to congratulate



Khalid bin Khalifa Al Thani, Qatargas CEO, and participants took part in the first virtual CEO Forum, held in December 2020.

you for keeping your ambitions high and being keen on your career progression and development even during these challenging times."

Feedback and suggestions received from the participants were also captured during the event for L&D to ensure that Qatargas' National development process remains on track.

"I would like to take this opportunity to congratulate you for keeping your ambitions high and being keen on your career progression and development even during these challenging times,"

- Khalid bin Khalifa Al Thani, Qatargas CEO, addressing National graduates, coaches, trainees and scholars during the event.

31

The number of special awards - 11 national graduates, 12 coaches, two trainees and six scholars - given at the first virtual Qatargas CEO Forum for excelling in their respective areas.

INNOVATIVE APPROACH TURNS INTO RECYCLING SUCCESS STORY FOR QATARGAS

Spent molecular sieve recycling initiative in a local cement plant boosts Qatargas recycling rates.

Qatargas' successful co-processing of spent molecular sieves in a local cement plant is the latest in a series of initiatives to implement sustainable waste management programmes. This is in line with Qatargas' Integrated Waste Management Approach (IWMA) which incorporates the 4R principles of: Reducing waste at source, internal Reuse within Qatargas, external Recycling and/or co-processing, and Responsible disposal.

Molecular sieves are used in a wide range of applications in industries especially in oil and gas processing plants. The Liquefied Natural Gas (LNG) production process requires large quantities of these molecular sieves, which are engineered ceramic balls with a large surface area designed to trap moisture and contaminants from the feed gas.

Once saturated and exhausted, the molecular sieves are usually disposed of in hazardous waste landfills mixed with other waste streams taking up limited and expensive landfill space. However, under an innovative recycling initiative, spent molecular sieves from Qatargas operations were recently co-processed in a local cement plant as supplemental feed material, for the partial replacement of bauxite, to produce what is known as 'Green Clinker'.

The method has proved to be far more cost-efficient than conventional disposal and has also helped significantly improve Qatargas' overall recycling performance. Following extensive research and trials performed jointly between Qatargas and a local specialised waste management Small Medium Enterprise (SME), more than 5,000 tonnes of molecular sieves were recycled in a local cement plant.

As part of Qatargas' focus on alternative disposal options, several brainstorming workshops and sessions were conducted in-house for creating new recycling opportunities within the country. Molecular sieves were found to have the potential to replace bauxite as a feed/raw material, as the chemical composition is the same for both. This was followed by comprehensive laboratory analyses and

bench-scale tests, which revealed that the compressibility and strength from molecular sieves was positive for cement production.

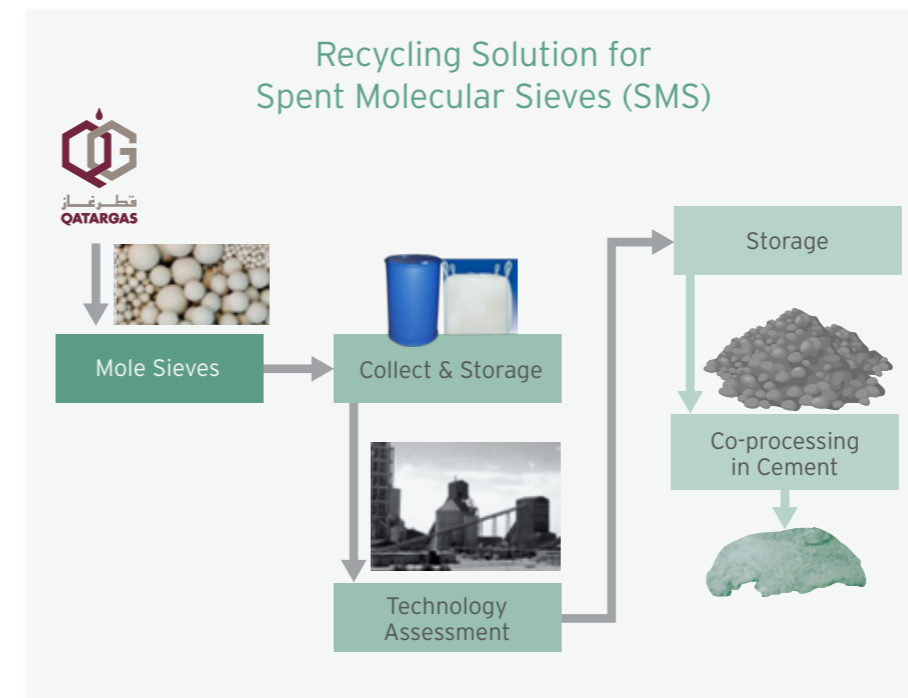
There were several challenges during the field acceptance trials, including operational feasibility testing and maintaining feed control. Pilot tests conducted with measurement of trial burn emissions were also well within the required regulatory limits. Following the satisfactory outcome of the pilot tests, a regulatory review and permitting process was completed to obtain formal consent from the regulator, Qatar's Ministry of Municipality and Environment (MME), in order to proceed with full-scale co-processing.

A Roadmap for Co-Processing

Qatargas' successful implementation of this major recycling initiative with local SMEs contributes positively towards upcycling and the circular economy in the country, while promoting local waste management solutions, industry and infrastructure.

Moreover, it has become a sustainable and potentially long-term solution, which provides a range of financial, Health Safety & Environment (HSE) and operational benefits to both parties, unlike traditional disposal at landfill sites or energy demanding pre-treatment.

Spent Molecular Sieves Recycling: A Five Step Process



BENEFITS OF SPENT MOLECULAR SIEVES RECYCLING

- This initiative not only helped recycle a waste stream that would otherwise be landfilled, it also helped reduce disposal costs by 85% over traditional landfilling.
- The successful collaboration, along with other recent recycling efforts with local companies, has helped boost Qatargas' waste recycling rates above 50% in 2020.
- More than 5,000 tonnes MT of spent molecular sieves have already been recycled a local cement plant since 2019.

The recycling of spent molecular sieves is an excellent example of Qatargas' commitment to sustainable waste management creating value for our business and the environment.

COMPANY'S GO GREEN SCHOOL OUTREACH PROGRAMME A SUCCESS

Part of Qatargas' school outreach programme, the initiative aims to promote awareness in the student community of pressing environmental issues.

Qatargas' Environmental Affairs and Regulatory Department conducted its 'Go Green, Breathe Clean' campaign in various national and international schools across the country during January and February 2020.

The initiative formed part of Qatargas' commitment towards cultivating sustainable environmental practices and fostering community wellbeing in line with the Qatar National Vision 2030.

The 'Go Green, Breathe Clean' campaign served to promote better understanding about air pollution and how we can all contribute to improving air quality.

Fostering a hands-on learning experience, students participated in a series of engaging presentations, quizzes and activities on air pollution and its harmful impacts. Students were also briefed on various environmental initiatives implemented by Qatargas to reduce its emission levels.

"I presented to the 5th and 6th grade students," said Afra Al Hajri, Senior Regulatory and Compliance Officer, Qatargas Environmental Affairs and Regulatory Department. "It was great to communicate with the new generation, reach out to them, and hear from them. It was an opportunity to extend our knowledge and to raise their awareness on the environment, specifically on air pollution, and various Qatargas initiatives and activities."

Ibrahim Al Harami, Regulatory and Compliance Officer also noted, "These initiatives show that Qatargas recognises the importance of our community's health and wellbeing and attaches significance to various environmental awareness programmes."

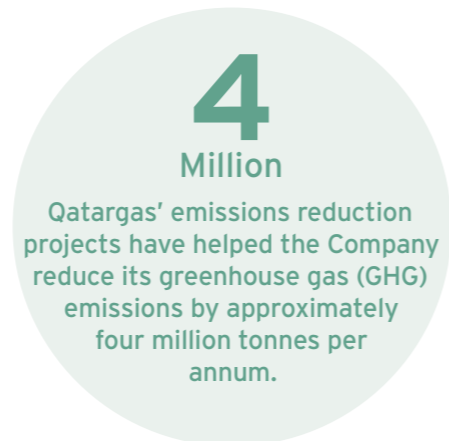
These initiatives include the carbon dioxide (CO₂) sequestration through Qatargas' dedicated CO₂ injection facility, and flare reduction from the Jetty Boil-Off Gas Recovery (JBOG) facility and various other flare reduction initiatives. These



Ibrahim Al Harami and Majed Al Hitmi from the Qatargas Environmental Affairs and Regulatory Team presenting a Go Green, Breathe Clean memento to officials from the Al Zubara School.

and various other reduction projects have helped Qatargas reduce its greenhouse gas (GHG) emissions by approximately four million tonnes per annum.

The World Health Organization has identified air pollution as the single greatest global health risk we face today. Through its annual Go Green environmental awareness programme and other environmental initiatives, Qatargas continues to play a proactive and significant role in supporting an environmentally aware population that values the preservation of the natural heritage of Qatar and the wider region.



Al Khor International School (AKIS) Junior



Simaisma School



AKIS Junior



Kabaan School



AKIS Senior

FOURTH EDITION OF QATARGAS U-23 LEAGUE UNDERWAY

The 2020-2021 Qatargas U-23 League kicked off in late October with the participation of 12 clubs from the first division.



Early season action from the fourth edition of the Qatargas U-23 League.

The four-year-old tournament is a result of the fruitful partnership between Qatargas and the Qatar Football Association (QFA). The 12 participating first division clubs for 2020-2021 are Al Ahli, Al Sadd, Al Rayyan, Al Duhail, Al Arabi, Al Gharafa, Qatar SC, Umm Salal, Al Khor, Al Sailiya, Al Wakra, and Al Kharaitiyat.

Perennial favourites Al Duhail entered this year's competition as the reigning champions, a position the club has held since the tournament was inaugurated. Al Duhail was awarded the 2019-2020 championship following a decision by QFA - under Article 81 of the association's statutes, 'Emergency conditions and force majeure' - to end the tournament early due to the COVID-19 pandemic.

"The Qatar Football Association and Qatargas have been linked by a strong relationship that has spanned many years," said Khaled Mubarak Al Kuwari, Director of Marketing and Communications at Qatar Football Association, at the recent 2020-21 season launch. "This tournament is one of the fruits of this unique partnership. Without a doubt, over the past few years, the Qatargas U-23 League has witnessed more opportunities for Qatari U-23 players to play football in a competitive atmosphere. This has benefited them, and these players were able to support the first team in their clubs, and then the national

team as well. I wish success to all the clubs and players."

Mr. Ali Ibrahim Al Sulaiti, Public Relations Manager at Qatargas, said: "Qatargas is honored to be part of the premier U-23 league through our corporate sponsorship. We join in the excitement this competitive sport brings to its large following of fans. The support we offer the league is our way to leverage a popular sport to bring people together, encourage a healthy and competitive spirit among our nation's youth, and help fulfil the ambition of our National Vision 2030. Qatargas is proud to join the Qatar Football Association in supporting our fast growing talent pool of gifted football athletes, especially as the country is getting ready

to host the World Cup in 2022."

As in previous years, all of the matches of the Qatargas U-23 League are being televised on Qatari sporting channel Al Kass. The channel will also produce a special programme that covers all aspects and notable incidents from the season, with a focus on interviews with players, coaches and other officials from participating clubs.

The Qatargas U-23 League is played according to the double round-robin system, and the final ranking of the clubs is determined according to the total number of points at the end of the competition, with the team that earns the most points crowned as season champions.

"The Qatar Football Association and Qatargas have been linked by a strong relationship that has spanned many years. Without a doubt, over the past few years, the Qatargas U-23 League has witnessed more opportunities for Qatari U-23 players to play football in a competitive atmosphere."

- Khaled Mubarak Al Kuwari, Director of Marketing and Communications at Qatar Football Association.