

RasGas

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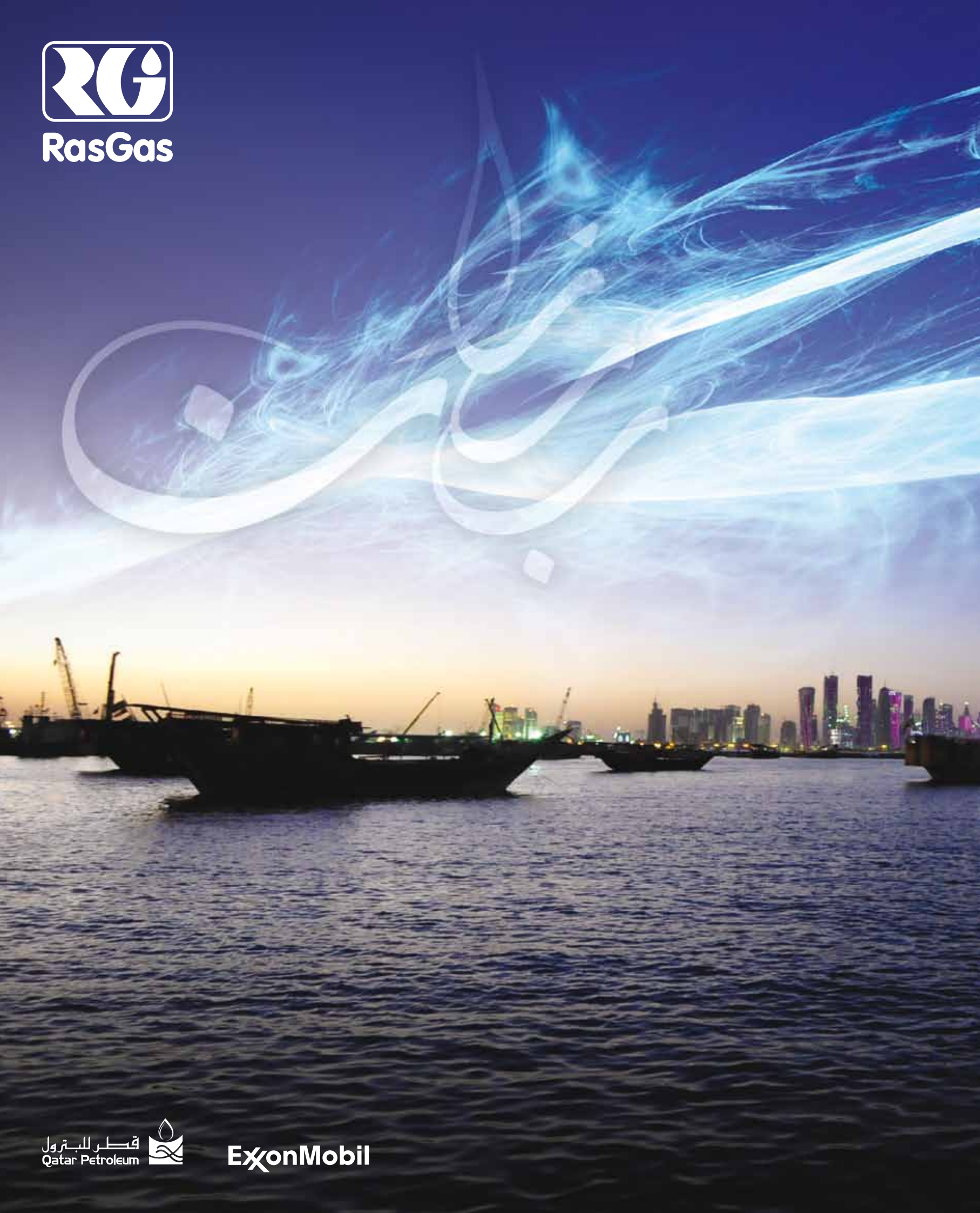
Barzan Gas Project



Energising Qatar



RasGas



قطر للبترول
Qatar Petroleum



ExxonMobil



Barzan Gas Project

Energising Qatar

Inspired by our past
Empowering our present
Fuelling our future

the power of the drop

THE ENERGY TO TRANSFORM



Front cover: Calligraphy by Ali Hassan representing the Arabic word "Barzan"

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Celebrating the Barzan Gas Project Energising Qatar

In this special issue of RasGas Magazine we focus in depth on the Barzan Gas Project, a major new gas-processing plant for Qatar. When Barzan's two gas processing trains come on stream, in 2014 and 2015, their domestic gas output will be fundamental to the country's future growth.

In the next 10 years, as Qatar's new airport and seaport are completed and various transport, health and education initiatives get under way, domestic demand for energy is set to soar. Qatar's hosting of the FIFA World Cup in 2022 will also positively stimulate the economy. The Barzan Gas Project will provide the energy needed for power stations to meet this accelerating demand, and fuel the next era of Qatar's development, in line with the industrial and human pillars of Qatar's National Vision 2030.

The national significance of the Barzan Gas Project is explored in our visionary piece which highlights Qatar's future development under the leadership and guidance of His Highness Sheikh Hamad Bin Khalifa Al Thani, the Emir of Qatar and His Highness Sheikh Tamim Bin Hamad Al Thani. The significance of the Barzan Gas Project to Qatar and its people is paramount and we feature the opinions of five leading figures in the energy sector, including His Excellency Dr Mohammed Bin Saleh Al Sada, Minister of Energy and Industry, Chairman of Qatar Petroleum and RasGas Company Limited and Andy Swiger, Senior Vice President, Exxon Mobil Corporation.

Since the provision of gas for Qatar's planned growth is a strategic priority, the choice of RasGas as the Barzan Gas Project director and operator reflects Qatar Petroleum and Exxon Mobil Corporation's confidence in the company's ability to complete projects safely, on time and within budget. We look at some of the technological and environmental challenges involved in what is one of the largest and most innovative projects ever undertaken in Qatar.

We also go back in time to explore the inspiration for the Barzan Gas Project's name, and look ahead to its impact on Qatar residents. The project will provide a host of employment and training opportunities within RasGas and beyond, helping to achieve the nation's Qatarization objectives. Already we have assigned 15 Qatari engineers and 31 Qatari trainees to the project.

When fully operational, Barzan Gas Trains 1 and 2 will make RasGas the largest single gas processor in the world. I hope you will enjoy reading about this exciting development for RasGas and a major milestone for Qatar as a whole.

Hamad Rashid Al Mohannadi
RasGas Managing Director





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The Barzan Gas Project takes its name from a powerful historical symbol

Above: Qatar infrastructure development; Barzan Tower



Energising Qatar

The Barzan Gas Project is a powerful symbol of the continued growth and ambition of Qatar's energy sector, and an important milestone for Qatar. When the two Barzan gas-processing trains come on stream, in 2014 and 2015, the domestic gas output will help fuel the country's future.

The Barzan Gas Project has its origins back in 2007, when Qatar Petroleum and ExxonMobil signed a memorandum of understanding on the development of a major new gas-processing plant. As Qatar's growth continued to accelerate, the demand for energy was also rising fast and it was clear that the country needed greater processing capacity to produce gas for the domestic market. Without this increased production, Qatar's economic and social development would be constrained.

Work began immediately. An offshore data and appraisal well marine survey was carried out (as the first step in a rigorous environmental, socio-economic and health impact assessment, or ESHIA), and an initial environmental application was made to Ras Laffan Industrial City. The ESHIA, which set new standards for environmental impact assessments in Qatar, was completed in 2009. Then in early 2010 a multi-disciplinary team – staffed by representatives of RasGas' Venture, Subsurface, Operations and Finance Groups, and the RasGas Legal department – was assembled to work with shareholders to develop detailed plans for the project.

This hard work culminated, on 6 January 2011, in the signing by Qatar Petroleum and Exxon Mobil Corporation of agreements that formally confirmed the historic venture.

Qatar: the next steps

Over the next decade a range of factors will drive growth in the demand for energy in Qatar. A new airport and seaport will be built, for example, and major initiatives will take place in the transport, health and education sectors. A host of new facilities will be built in readiness for the FIFA World Cup in 2022.

When its two trains enter production, Barzan will supply gas to generate the power needed to drive the next phase of Qatar's physical and economic development. So the project is much more than an important business partnership: it is a giant step forward, in line with Qatar's National Vision 2030, in Qatar's overall industrial and human development.

The Barzan Gas Project is also an exciting development for RasGas. Not only will RasGas manage the construction of the two trains and associated infrastructure, but it will operate the plant once the construction phase is complete. Qatar Petroleum, RasGas' majority shareholder selected RasGas as result of the company's proven ability to complete projects to the highest standards of safety and quality, within budget and on schedule.

At the signing in January 2011, Hamad Rashid Al Mohannadi, RasGas Managing Director, expressed his satisfaction at this recognition of the company's achievements. "I'm extremely proud that RasGas has been entrusted with this project," he said, "as it reflects our high standing in Qatar's energy sector. I'm confident that the professionalism, commitment and dedication from RasGas in the development and operation of our Trains 1 to 7 and Al Khaleej Gas 1 and 2 will once again be demonstrated to the highest standards as we execute and operate this strategic project."

From construction to production

During the construction phase RasGas will work with two principal contractors: JGC of Japan for the onshore plant, and Hyundai Heavy Industries (HHI) of South Korea for all offshore facilities. The drilling platform will be situated 80 kilometres north-east of Ras Laffan Industrial City.

The Barzan Gas Project will have two development phases, with Barzan Gas Processing Train 1 producing its first gas in 2014, and Barzan Gas Processing Train 2 beginning production in 2015. The two trains will together produce approximately 1.4 billion standard cubic feet per day of sales gas, or the equivalent of 300,000 barrels of oil per day. A high proportion of the Barzan trains' output will be used by Qatar's power and water sectors.

When Barzan Gas Processing Trains 1 and 2 are fully operational, the total offshore production from all RasGas operated facilities will reach around 11 billion standard cubic feet per day. This figure, which equates to almost 2 million barrels of oil, will make RasGas the largest single gas processor in the world.



His Highness Sheikh Hamad Bin Khalifa Al Thani
The Emir of Qatar

A vision for the future...

Qatar's future under the leadership of His Highness the Emir, Sheikh Hamad Bin Khalifa Al Thani, is comprehensively expressed in the Qatar National Vision 2030 (QNV2030). This document sets out the country's developmental goals, and the strategies by which it will achieve those goals over the next two decades. The strategies are wisely focused on four areas – human, social, economic and environmental development – but QNV2030 is a holistic view that recognises the integration of industry, for example, with all other elements of national life.

In this regard, the Barzan Gas Project is an essential building block for Qatar's future.

It is also a symbol of the country's energy sector living up to its responsibilities. In his address to the 39th Advisory Council, referring to the more detailed Qatar National Development Strategy 2011–2016, His Highness the Emir made it clear that private and public institutions are partners in the development of the country.

"Out of our conviction that the achievement of our sustainable development objectives is not the sole responsibility of the state, but rather a national responsibility that should be shared by all, this strategy has been drafted in coordination with the private sector and civil society institutions, in realisation of the principle of full partnership of the components of the society and in pursuit of guaranteeing the implementation and commitment on both planning and execution levels... [The] strategy reflects our keenness to develop the economic infrastructure, expanding the production cycle, achieving economic diversification, securing sound management of our economic and financial resources, and protecting the environment."

In realising the potential of the Barzan Gas Project, the shareholders Qatar Petroleum and Exxon Mobil Corporation and RasGas as the producer and operator will make a powerful contribution, in the fullest sense, to the life of Qatar and its residents.



His Highness Sheikh Tamim Bin Hamad Al Thani
The Heir Apparent of Qatar

...from potential to reality

His Highness the Heir Apparent, Sheikh Tamim Bin Hamad Al Thani, is Chair of the Supreme Oversight Committee for Implementing Qatar National Vision 2030, which includes this expression of the value of Qatar's natural resources: "Converting [hydrocarbon] assets into financial wealth provides a means to invest in world-class infrastructure; build efficient delivery mechanisms for public services; create a highly skilled and productive labour force; and support the development of entrepreneurship and innovation capabilities."

The Barzan Gas Project supports all these goals, both through the employment opportunities and economic benefits that will flow directly from its construction and subsequent operations, and through the availability of power generated from Barzan sales gas.

The Qatar National Development Strategy 2011–2016 (QNDS) also emphasises the close connections between the commercial, social and environmental spheres. In his foreword to QNDS, His Highness the Heir

Apparent writes that the strategy is "a product of consultations with all segments of Qatari society, including the private sector and civil society, [which] takes into account Qatar's cultural and religious values, as well as the needs of future generations, covering all aspects of social, economic and environmental activity.

"Qatar's tremendous progress is clear in all fields. However, the stresses that accompany rapid progress are also visible. Our mission – balanced and sustainable growth – requires responsible use of resources and continuous modernisation and development of public institutions to ensure good programme management and high-quality public services."

Barzan is both an intrinsic part of Qatari society and a mechanism through which Qatar can translate its natural resources into social, economic and environmental development.

BARZAN GAS PROJECT

Fuelling our future

The Barzan Gas Project is a catalyst for the future development of Qatar. Following the guidance, leadership and direction of His Highness Sheikh Hamad Bin Khalifa Al Thani, the Emir of Qatar and His Highness Sheikh Tamim Bin Hamad Al Thani, the Heir Apparent on the vision for Qatar's long term development, five leading figures in the energy sector capture the significance of the Barzan Gas Project to Qatar and its residents.

A vital role to play

"Barzan... will play a vital role in fuelling our industrial and human development"



His Excellency Dr Mohammed Bin Saleh Al Sada
Minister of Energy and Industry
Chairman of Qatar Petroleum
Chairman of RasGas Company Limited

The Barzan Gas Project is strategically important for the long-term sustainable development of Qatar. Gas from the new plant will be produced by Qatari companies from Qatari natural resources in the North Field, and it will be used to support the future of Qatar. Barzan will meet the country's growing need for clean-burning natural gas, and so will play a vital role in fuelling our industrial and human development. Every Qatari citizen and every resident of Qatar will feel the benefits of the Barzan Gas Project.

The reasons for the growth in demand for energy are clear. As we build a new airport and sea port, as we embark on major infrastructure projects in transport, health and education, and as we prepare for the FIFA World Cup in 2022, additional power generation and other industrial development will be needed.

In supplying sales gas to the country's power and water sectors, the Barzan Gas Project will facilitate the development of Qatar as expressed by His Highness Sheikh Hamad Bin Khalifa Al Thani, the Emir of Qatar, in the Qatar National Vision 2030 and the Qatar National Development Strategy 2011–2016. Barzan Gas is fully aligned with the four pillars that underpin these two documents: human development, social development, economic development and environmental development. When the RasGas operated Barzan Gas Project two gas processing trains come on stream in 2014 and 2015, they will further secure the socio-economic gains we have made over the last two decades. With the Barzan Gas Project in place, the future for Qatar is bright.



A proud moment for RasGas

Hamad Rashid Al Mohannadi
Vice Chairman of the Board, Qatar Petroleum
Managing Director, RasGas Company Limited

It is a great honour for RasGas to be involved in such a large-scale project, that will contribute so strongly to the long-term sustainable development of Qatar. We are very proud to have been entrusted with this responsibility. RasGas has world-class management and professional teams who have shown, time and again, that they can meet project development goals safely, within time and budget, and can operate complex energy facilities to the highest standards.

The Barzan Gas Project is one of the most technically innovative ever undertaken in Qatar. It will use proprietary technology to recover natural gas liquids (NGL) and remove nitrogen from the sales gas stream, thus achieving the sales gas specification required by our customers. The integrated NGL recovery and nitrogen rejection unit will be the first application of this technology in Qatar. The plant will use a closed-loop sea water cooling system minimising the use of sea water, and will be fitted with 'dry low NOx' technology that minimises emissions of nitrogen oxides. The environmental, socio-economic and health impact assessment (ESHIA), we conducted in the project's early stages has set a new benchmark for environmental assessments in Qatar.

When the two Barzan Gas processing trains are in operation, they will combine with other RasGas facilities to create a total production capacity of around 11 billion standard cubic feet of gas per day. This will make RasGas one of the largest single gas processors in the world, and will increase the wider benefits – such as jobs, opportunities for suppliers, and revenues for government, that we bring to the Qatari economy.

"The Barzan Gas Project will enable us to develop more Qatari nationals, bringing sustainable benefits to the community"



Long and successful relationship

Andrew P. Swiger
Senior Vice President
Exxon Mobil Corporation

The Barzan Gas Project represents another major step in our long and successful relationship with Qatar Petroleum. This new domestic gas project will support the economic growth of Qatar and create and deliver sustainable long-term benefits for the Qatari community.

ExxonMobil is proud of our partnership with Qatar Petroleum and of our participation in investments across the entire value chain, enhancing the development of Qatar's natural resources. The Barzan Gas Project is a strategic investment for the country in its domestic gas production and it is a strategic investment for ExxonMobil in Qatar.

The Barzan Gas Project's goal is to provide sufficient gas to the State of Qatar's domestic market to meet the country's growing need for clean burning natural gas well into the future. It will play a vital role in helping fuel the growth of industrial and human development in Qatar and it will help fuel the success of future projects.

Qatar Petroleum and ExxonMobil, through RasGas, the developer and operator of Barzan, will build a robust world-class venture. Qatar Petroleum and ExxonMobil are bringing teamwork and technology together through this large-scale joint venture project that will support the economic growth and the well-being of Qatar. Developing people, creating and delivering sustainable, long term benefits for local suppliers and communities are vital to success.

"The Barzan Gas Project represents another major step in our long and successful relationship with Qatar Petroleum."



Qatar's global profile

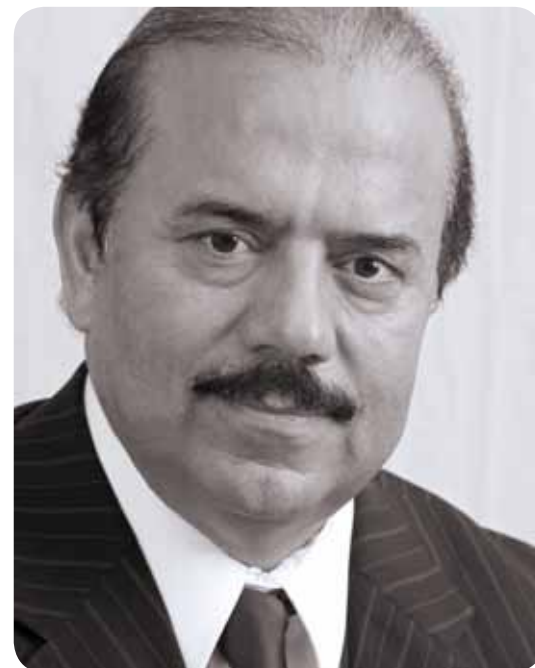
Saad Sherida Al Kaabi
 Director of Oil and Gas Ventures, Qatar Petroleum
 Member of Qatar Petroleum Board
 Chairman of the Barzan Gas Project Steering Committee

Qatar currently produces around 20 billion standard cubic feet per day of gas to meet local demand and international gas and liquefied natural gas (LNG) markets. Part of this production is produced by Al Khaleej Gas and North Field Alpha projects and is delivered by pipelines for local consumption. A substantial part is liquefied to produce LNG for our 77 million tonnes per annum portfolio. When the two Barzan Gas processing trains are fully operational by 2015, we will have achieved our target of producing about 23 billion standard cubic feet per day of gas from the North Field. This will be more than four million barrels of oil equivalent.

The State of Qatar will benefit from the Barzan Gas Project in terms of powering Qatar's development and the growth of its infrastructure. Kahramaa plays a significant role in planning the requirements of the State for electricity and desalinated water. Kahramaa ensures, through its coordination with Qatar Petroleum, the timely supply of gas to power generation and water desalination plants.

The benefits of Barzan Gas Project to Qatari companies, and the wider economy does not stop at sales gas. Among the project's associated products will be ethane for use as a feedstock in the local petrochemical industry, untreated field condensate for processing at Laffan Refinery as well as LPG and plant condensate for export. Barzan Gas Project is a multi-faceted project that brings extensive benefits to Qatar.

"The State of Qatar will benefit from the Barzan Gas Project in terms of powering Qatar's development and the growth of its infrastructure"



Experience and expertise

Nafez Bseiso
 RasGas Venture Group Manager

The Barzan Gas Project is an immense undertaking. Offshore, it involves drilling and developing 30 wells, 10 each at three unmanned wellhead platforms. At Ras Laffan Industrial City, the dedicated plant will include inlet receiving slug catchers, condensate and water treatment facilities, gas treatment (including sulphur recovery) facilities, by-product (including ethane and LPG) recovery facilities, and a nitrogen rejection unit.

With reservoir-to-customer engineering projects of this scale there are always many challenges, but RasGas has shown in project after project that it has the expertise and the determination to anticipate and overcome them. Our first priority is the safety of our people. We are committed to executing the project with zero tolerance for injuries, and we have safety management programmes in place to help us achieve exactly that. Environmental excellence is another of our highest priorities, from initial engineering designs to flare minimisation during start-up, and from marine protection initiatives during pipeline-laying to implementing lessons learned during previous projects.

In January this year we awarded the onshore and offshore engineering, procurement and construction contracts to JGC of Japan and Hyundai Heavy Industries of South Korea. But this was only the first step in the process. Qatari companies submitted the most competitive bids for the five major construction subcontracts, which were awarded to them in the summer. Further, we have ensured the involvement of new and experienced Qatari people through both contractors' and RasGas' own development schemes. There are many ways in which the Barzan Gas Project will benefit Qatar and its people.

"Our first priority is the safety of our people. We are committed to executing the project with zero tolerance for injuries"

A statement of ambition

Barzan Gas Project, one of Qatar's most innovative engineering projects



Production

- Barzan Gas processing Train 1 will produce its first gas in 2014, Train 2 in 2015. Together producing around 1.4 billion standard cubic feet per day of sales gas.

Volume

- When the two new Barzan Gas processing trains are in operation, they will combine with other RasGas facilities (LNG and pipeline sales gas) to produce a total of approximately 11 billion standard cubic feet per day making RasGas one of the largest single gas processors in the world.

Strategic Value

- Important for the long-term sustainable development of the State of Qatar providing sufficient gas to Qatar's domestic market to meet the country's growing need for clean burning natural gas well into the future.



Reputation

- RasGas, with world-class management and professional teams, has a proven record of effectively managing projects to the highest standard of safety, quality, within budget and on schedule, has been entrusted by the shareholders to be the developer and operator of the Barzan Gas Project.

Qatarization

- Highest number of Qatari nationals assigned to the project including 15 Qatari engineers and 31 Qatari employees across all RasGas disciplines.

End Products

- Sales gas, primarily for domestic power generation
- Ethane for local industries feedstock
- LPG for international export
- Plant Condensate for international export
- Untreated Field Condensate for delivery to Ras Laffan Refinery (located in Ras Laffan, Qatar).



When the Barzan Gas Project comes on stream, its effects will be felt by people and communities across Qatar. The new energy will create new employment opportunities and will power changes in every aspect of national life

Empowering our present

The Barzan Gas Project will produce sales gas whose immediate effect is to meet Qatar's growing demand for energy. But its overall impact will be broader and deeper. The electricity generated from the Barzan Gas Project will support new infrastructure projects and enable existing projects to grow. It will allow Qatar's government to set ambitious new development goals, and will create an atmosphere in which private companies are encouraged to invest in new ventures. It will bring extensive social and economic benefits that will empower communities.

"Barzan gas provides the energy needed for a fast-growing country, so we can achieve a competitive and diversified economy capable of meeting the needs of all its people, now and in the future," says Eng. Ali Abdulla Al Abdulla, Assistant UnderSecretary at the Ministry of Municipality and Urban Planning. Qatar will become a sustainable nation that enables every individual to reach their full potential.

A key aspect of the country's sustainability at home and strengthened connections with the global community is transport. The energy from Barzan will underpin the construction of a new sea port, and a national rail network. These developments will open up new possibilities for Qatar's communities and businesses.

"Developing an integrated national railway," explains Eng. Saad Ahmed Al Mohannadi, Chief Executive Officer, Qatar Railways Company (QRail), "will provide a ground-breaking transport system that is efficient and that will transform how people travel around the country".

Complementing Qatar's transportation master plan is the expansion of Doha International Airport, Abdul Aziz Al Noaimi Chairman and Managing Director, Qatar Civil Aviation Authority says "The Barzan Gas Project will create a new energy sector in the State of Qatar. This will help future projects like Doha's international airport which will offer a distinguished new centre for international aviation".

Developing the country's transport infrastructure will also provide a boost to the development of towns and cities outside the capital. At Lusail, for example, a new city is springing up: "Lusail City will be an ecologically sustainable city for our future," says Eng. Mohammed Bin Ali Al Hedfa, Group Chief Executive Officer of Qatari Diar Company, "an energising mix of commercial, residential and entertainment projects covering over 35 square kilometres and meeting the needs of an expected 190,000 residents." Energy from the Barzan Gas Project will support the growth, prosperity and integration of new communities such as Lusail City and the innovative and stunning architectural developments of Mshreib Properties. "The Barzan Gas Project will help to achieve the Qatar Vision 2030 and the "Heart of Doha" scheme will be one of the beneficiaries" according to Eng. Issa M Al Mohannadi, Chief Executive Officer, Mshreib Properties.



Beyond the physical transformations of new cities and transport systems, Barzan's energy will generate changes in people's everyday lives. In education, for example, Qatar University and the country's other colleges and universities will be able to pursue new research and teaching initiatives and schools will be empowered to offer students a richer educational experience. Qatar's cultural sector will have similar opportunities, with bodies such as Qatar Museums Authority exploring new ideas, launching new projects and establishing a higher profile in the country's cultural life. "Barzan is a name, part of our history and deep rooted culture says Abdulla Al Najjar, Chief Executive Officer, Qatar Museums Authority. "We hope the Barzan Gas Project will help develop all future cultural projects in the State of Qatar. And in the health arena, Qatar will offer its citizens exceptional treatment and care.

"Barzan Gas Project is empowering Qatar to continue a world-class healthcare system whose services will be available to all of us," says Dr Saleh Al Murri, Assistant Secretary General for Health Affairs, Supreme Council of Health. "Qatar will provide healthcare of the highest global standards to all its people, and Sidra Hospital will be the most technologically advanced medical centre in the world."

For women in Qatar, too, Barzan will open new doors. "The Barzan Gas Project plays a vital role in Qatar's human development," agrees Aisha Hussain Al Fardan, Chairwoman of the Qatari Businesswomen Association "and will undoubtedly provide great opportunities for active Qatari female participation in the nation's workforce."

One Qatari woman has already gained a great deal from the Barzan Gas Project. "Working on Al Khaleej Gas 2 and Barzan in Japan for three and a half years gave me an enormous amount of experience," remembers Saniya Al Meer, Senior Analyst.

"The Barzan Gas development will be the leading industrial project in the local economy. There is no doubt that the Qatar University is one of the main institutes with strong relations in the oil and gas industry which will be one of the main sectors to carry out this project"

Prof. Dr Sheikha Abdulla Al Misnad, President, Qatar University

Opportunities for life

Saniya Al Meer was not the only RasGas employee to gain overseas experience on the Barzan Gas Project. RasGas pays great attention to developing its Qatari national employees, and to the quality of the training and experience they receive. As a result, the company has some of the most highly qualified Qatari staff in the country's gas sector, in both construction and operations. For the Barzan Gas Project, RasGas assigned 15 Qatari engineers to the project supervision team and 31 Qatari trainees, male and female, to its contractors in Japan and Korea.

"As a process engineer, I experienced how various pieces of equipment are designed, manufactured and fabricated," says Abdulaziz Mashhadi, a member of the project management team in Japan. The opportunity to work on Al Khaleej Gas-2 and Barzan Front End Engineering and Design 1 and 2 has added a lot to my engineering knowledge and career development."

Abdulla Al Obaidly, Senior Analyst in the Finance Group agrees with Mashhadi on the value of their time in Japan. "I had a very varied assignment, starting with general project training, working directly with JGC's [the contractor's] finance team. Continuing with the RasGas project management team. My work in Japan will qualify me for more senior roles in major projects and provide an excellent opportunity to pass on my experience to current and future colleagues at RasGas."

Power, water, growth

By contrast, Atef Al Mohsin, Manager of the Petroleum Engineering Department, is one of many Qatari nationals who has worked on the Barzan Gas Project here in Qatar. "As a long serving RasGas employee who has worked on a number of expansion projects, I take great pride in the Barzan Gas Project. It is particularly satisfying to know that the energy RasGas produces at Barzan will contribute so much to the people of Qatar. With Barzan, Qatar can aim so much higher."

The final word belongs to Eng. Essa Hilal Al Kuwari, President, Kahramaa, Qatar General Electricity & Water Corporation. It is Kahramaa that will transform sales gas from Barzan into the electricity and water that Qatar's future depends upon. "Supplying gas to Kahramaa is one of the huge projects for Barzan," he says, "which will cater to the future infrastructural needs of Qatar and aligns with the Qatar National Vision 2030. Providing clean energy to our plants will support sustainable environmental development, which in turn will help Kahramaa to meet the electricity and water requirements of the nation for long years to come."

The Barzan Gas Project takes its name from a fortified tower north of Doha, built in the early 20th century, but the roots of the Arabic word barzan go back further still

A symbol seen from afar

Qataris travelling north from Doha would have seen the Barzan Towers from afar

Barzan is an Arabic word which translates as 'elevation'. When applied to buildings, it usually referred to those that were particularly tall or built on a hill, and barzan came to signify the most important feature on the skyline of a town. The term dates back centuries, particularly in the Najd uplands of the Arabian peninsula.

Today, most Qataris and many visitors will be familiar with the Barzan Towers in the city of Umm Slal Mohammed, north of Doha. The towers were built in the early 20th century by Sheikh Mohammed Bin Jassim Al Thani, the son of Sheikh Jassim Bin Mohammed Bin Thani, the founder of the State of Qatar, and there is speculation that they were named not by him but by Qataris travelling north from Doha, who would have seen them from afar.

Watching over land and sea

It is believed that Sheikh Mohammed lived in his farm close to the well, one mile west of the

present, restored tower. He built the towers to protect his property and to see visitors coming from afar. When he finished the eastern tower, at a height of 18 metres, he discovered that his view of the sea enabled him to see when the pearl ships had arrived before anyone else and to announce the safe return of the pearl divers.

Whatever the truth of the matter, the Barzan Gas Project is well named. Just as the original term conveyed an idea of height or distinction, and just as his fortified tower gave something special to Sheikh Mohammed Bin Jassim Al Thani, the son of the founder of the State of Qatar, so the 21st-century Barzan Gas Project is something very special indeed for Qatar.

There is no doubt that the Barzan Gas Project has been inspired by a rich historical past, fuelling an exciting present and empowering a magnificent future.

"When he finished the eastern tower, his view of the sea enabled him to see the pearl ships arrive before anyone else"



His Excellency Al Attiyah and His Excellency Dr Al Sada with RasGas Qatari nationals working on the Barzan Gas Project



سعادة حمد بن عبد الله العطية وسعادة الدكتور محمد بن صالح السادة
يشيدان مع الكوادر القطرية براس غاز العاملين بمشروع برزان للغاز



RasGas

MAGAZINE

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Barzan Gas Project



Energising Qatar