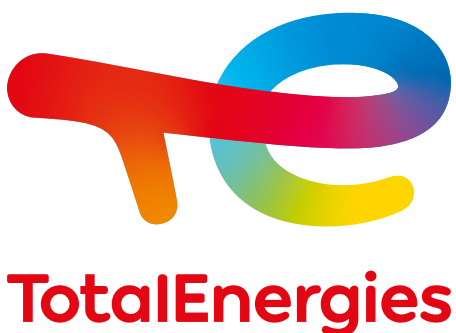




TotalEnergies Qatar
**Sustainability
Report 2022**





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TotalEnergies Approach to the United Nations Sustainable Development Goals (SDGs)

TotalEnergies places sustainable development at the heart of its strategy, projects, and operations, in order to contribute to the well-being of the population. As part of our determination to strengthen efforts in the segments where we have most authority. TotalEnergies involves employees in identifying the SDGs on which we can have the greatest impact. This relates back to our goal, that with society, we can reach carbon neutrality (net zero emissions) by 2050.



The Company has therefore built its sustainability approach on four areas of action Education and Inclusion, Sports and Health, Climate and Biodiversity and Culture. It has identified three levels of impact:

1- TotalEnergies' core contributions through its mission:

- 07 Affordable and Clean Energy
- 08 Decent Work and Economic Growth
- 09 Industries Innovation and Infrastructure
- 13 Climate Action

2- TotalEnergies' indirect contributions through its responsible business approach:

- 01 No Poverty
- 02 Zero Hunger
- 06 Clean Water and Sanitation
- 11 Sustainable Cities and Communities

3- TotalEnergies' direct contributions through its responsible business approach:

- 03 Good Health and Well-Being
- 04 Quality Education
- 05 Gender Equality
- 10 Reduced Inequalities
- 12 Responsible Consumption and Production
- 14 Life Below Water
- 15 Life on Land
- 16 Peace, Justice and Strong Institutions

In addition, SDG 17 is cross-cutting and is considered as an enabler to deliver the company's sustainability strategy.

About this Report

TotalEnergies Qatar is proud to present its annual Sustainability Report for 2022

The 2022 sustainability report demonstrates our engagement through four pillars around which our sustainability actions are identified: Education and Inclusion, Sports and Health, Climate and Biodiversity and Culture. It showcases our performance and activities involving our employees, stakeholders and community.



EDUCATION AND INCLUSION



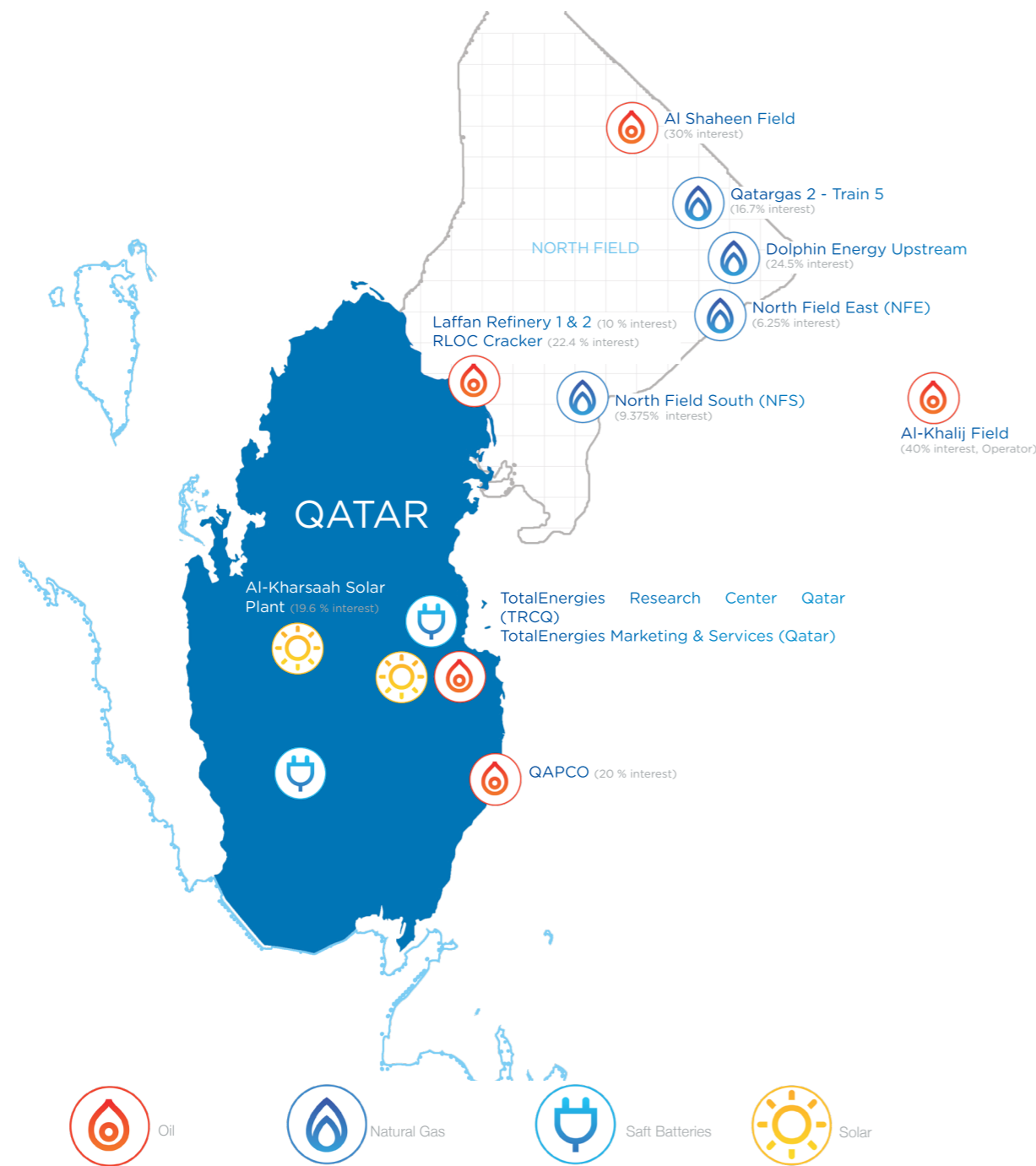
CULTURE



CLIMATE AND BIODIVERSITY



SPORTS AND HEALTH



TotalEnergies in Qatar

TotalEnergies has been present in Qatar since 1936, and is active in all areas of the country's oil and gas sector – from exploration and production to refining, petrochemicals, marketing of lubricants, and renewable energies.

In Exploration and Production, TotalEnergies is the shareholder and sole operator of Al Khalij offshore oilfield, and a shareholder in North Oil Company, the operator of Al Shaheen offshore oilfield. TotalEnergies is also one of the founding partners of Qatargas and Dolphin Energy, and holds a 16.7% and 24.5% interest in Qatargas 2 and Dolphin Energy respectively. TotalEnergies was also nominated as partner for the North Field East and North Field South LNG projects in 2022, which will considerably boost Qatar's LNG production and exports in the coming years.

In Petrochemicals, TotalEnergies is present in five downstream joint ventures : QAPCO, Qatofin, RLOC and Laffan Refineries 1 & 2.

In Renewables, TotalEnergies is a partner of QatarEnergy and Marubeni in the Al Kharsaah Solar PV IPP Project, a 800 megawatt-peak (MWp) solar plant, the largest solar plant in Qatar that started in 2022.

In Marketing and Services, TotalEnergies Marketing Qatar has a prominent market share for lubricants in Qatar for automotive, construction, industrial and marine customers. The TotalEnergies Research Center (TRCQ) Qatar at QSTP has leading edge and innovative research projects, aiming to develop home-grown solutions to its local operational challenges.

Message from Country Chair, TotalEnergies Qatar, Managing Director, TotalEnergies EP Qatar



It gives me great pleasure to introduce the TotalEnergies Qatar Sustainability Report for 2022. As a leading player in Qatar's dynamic energy industry, this report highlights our continued efforts toward achieving sustainable operations and projects across various domains, including human, social, economic, and environmental development. TotalEnergies Qatar had several significant achievements, which will contribute to shaping the country's energy landscape. Placing sustainability at the heart of our operation, strategy and projects we consider the UN SDGs as foundation of our actions and that was reflected in our 2022 milestones. QatarEnergy awarded its

partners including TotalEnergies, licenses for the North Field East and North Field South LNG projects, which will considerably boost Qatar's LNG production and export in the coming years and contribute to the energy transition by lowering the carbon content for our clients' powermix. Additionally, in October 2022, we successfully contributed to the successful start-up of the giant Al Kharsaah Solar Plant, one of the largest solar energy projects in the region. We continued and strengthened our Tamkeen program to facilitate knowledge transfer and capacity building. This initiative includes various programs that focus on fostering Qatari and local talent, which is critical for the long-term growth and success of the industry and is an essential part of TotalEnergies Qatar's commitment to human development.

I would like to express my heartfelt gratitude to our partners and stakeholders, particularly QatarEnergy, for their unwavering support, trust and for their contribution to our achievements. As we move forward, our teams are committed to further supporting Qatar's energy industry and building a sustainable future, with a particular focus on producing more energy while reducing GHG emissions. Thank you for your continued trust in TotalEnergies Qatar.

Sincerely,

**Matthieu Bouyer,
Country Chair, TotalEnergies Qatar
Managing Director, TotalEnergies EP Qatar**

Message from Vice President HR, Communications and CSR



With over 87 years of presence in Qatar, we at TotalEnergies Qatar take pride in our close relations with local communities, thus supporting Qatar National Vision 2030.

During this year we have established new relations, while sustaining existing friendships with governmental entities, industrial partners, and academic entities and have contributed to their various programs, cementing the successful partnership between Total and State of Qatar

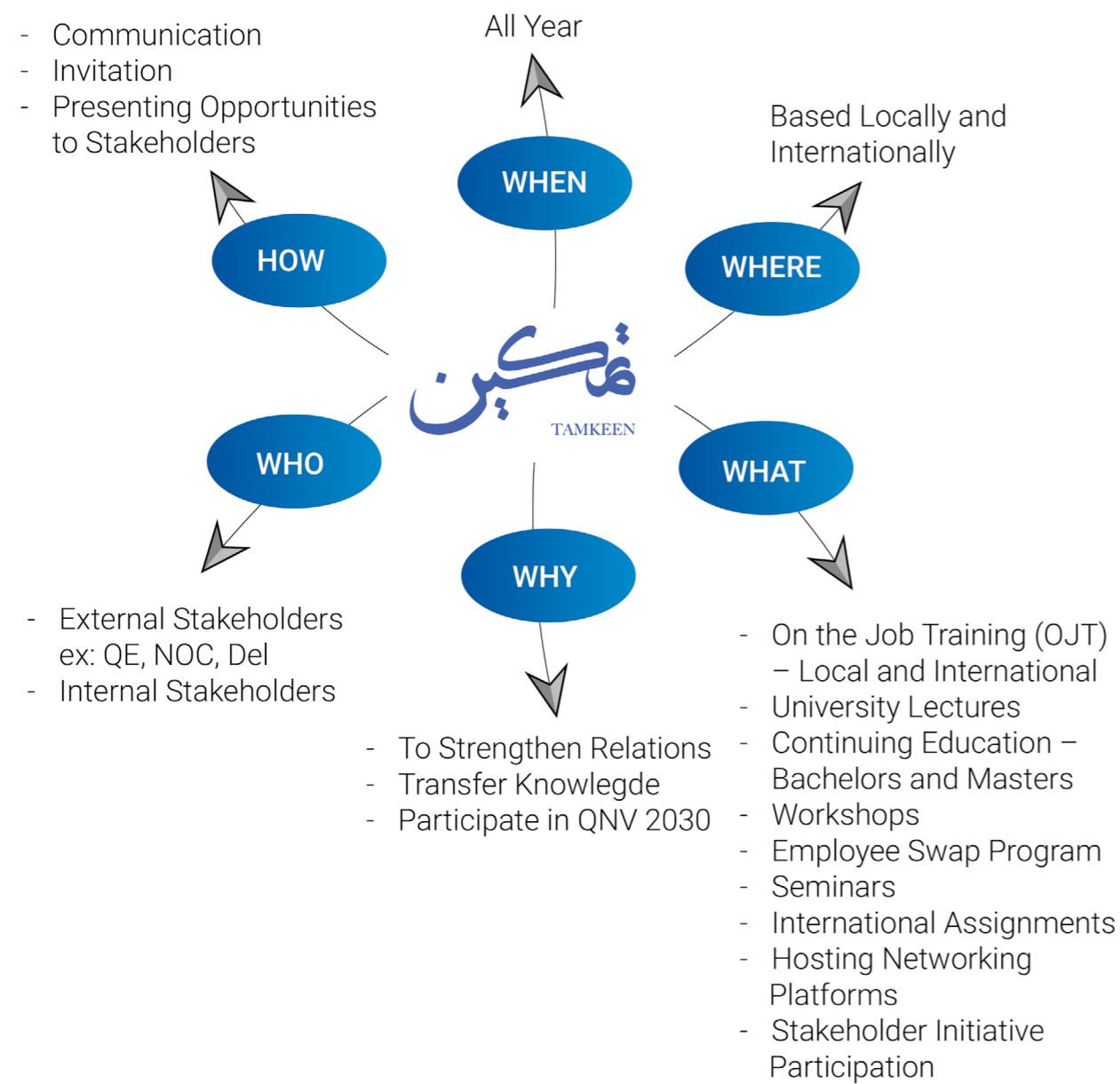
I would like to take the opportunity to thank our TotalEnergies employees, partners and stakeholders who have contributed to the success of our operations in the long run. These fruitful collaborations have enabled us to deliver sustainable, economic, social and environmental growth.

Sincerely,

**Dekhil Abu Salaa,
Deputy Group Representative, Vice President HR,
Communications and CSR TotalEnergies Qatar**

About Tamkeen

Tamkeen is a program centered around job trainings, education, knowledge sharing and personal development. It is an umbrella term which encompasses on the students and local programs. It is an ongoing initiative, which is not limited to a specific time frame.





Education and Inclusion



TotalEnergies Qatar: Al Reyada, a Seminar of Lectures and Exchange on Energy Transition and Climate Change

In May 2022, TotalEnergies Qatar conducted the third edition of the Al Reyada Energy Seminar for university students and young professionals. It was held under the theme 'Energy Transition and Climate Change'.

A cohort of 121 students participated in four days of sessions and engaged with TotalEnergies experts from TotalEnergies Professeurs Associés (TPA) who gave on renewables and intermittency, mobility and subsidies, and the

future challenges. TPA is an association comprised of more than 280 retired TotalEnergies experts across multiple fields.

Participants included students from universities such as University of Doha for Science and Technology, Texas A&M University in Qatar and HEC Paris in Qatar, as well as young professionals from North Oil Company, Dolphin Energy, and MPower Company. 'Al Reyada' which translates into 'leadership' in Arabic was first launched in

2014, and focuses on various areas such as innovation, sustainability, environment, and energy.

Al Reyada Seminar comes under the umbrella of TotalEnergies 'Tamkeen' program, which houses all initiatives on knowledge-sharing and human development in the country. Events under Tamkeen also include initiatives such as networking, university lectures, expert workshops and on the job training.



Group Photo of Al Reyada Energy Seminar 2022, Gala Dinner

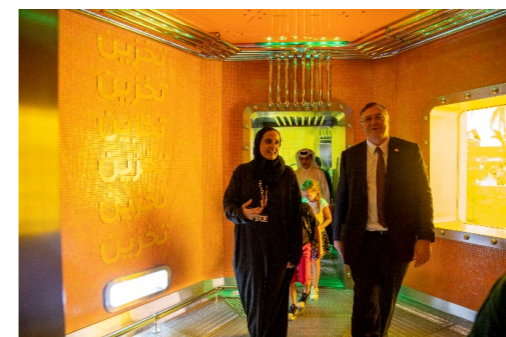
Inauguration of TotalEnergies Playground at the National Museum of Qatar

In December 2022, The Qatar-TotalEnergies Playground, located in the outdoor National Museum of Qatar (NMQ) was inaugurated by Her Excellency Sheikha Al-Mayassa bint Hamad bin Khalifa Al Thani, Chairperson of Qatar Museums and Patrick Pouyanné, Chairman of the Board and Chief Executive Officer at TotalEnergies. It will provide a unique

experience for families to explore and discover the story of energy in Qatar through meaningful play. It is designed to provide a fully immersive and educational experience in which visitors of all ages can learn about the various energies deployed in Qatar from the oil, gas and liquefied natural gas to the renewable energies and electricity. Sustainability is also addressed through

topics such as carbon capture, recycling of polymers and road safety.

The playground contains a water play area and aims to create a sustainable outdoor environment that is stimulated by human energy. The playground is part of the partnership between TotalEnergies and Qatar Museums.



Photos of the Inauguration of TotalEnergies Playground



TotalEnergies Qatar Hosts Lecture at Schools on Major Energy Challenges in the 21st Century

In January 2022, TotalEnergies Managing Director and Country Chair, Matthieu Bouyer, engaged with High School Students of Lycée Bonaparte de Doha during their conference on 'Major Energy Challenges of the 21st Century'.

During his talk, Mr. Bouyer explained to the students

the dual energy challenge of supplying more energy to meet the world rising demand while, at the same time, reducing emissions to meeting the Paris Agreement goals.

He also exchanged with the students on how everyone has an active role to play in the energy transition. The lecture is part of

Tamkeen, a program that houses all TotalEnergies Qatar knowledge sharing initiatives internally and externally and focuses on human development by providing opportunities such as continuing education, on the job training, international exposure, workshops and lectures and networking.



Lecture at Lycee Bonaparte De Doha by Mr. Matthieu Bouyer

TotalEnergies Qatar Celebrates Women in Engineering

In June 2022, More than 50 engineering professionals and students from TotalEnergies Qatar QatarEnergy, Qatargas, Qatar Environment and Energy Research Institute (QEERI), Qatar Shell, ExxonMobil Qatar, Qatar Foundation, Hamad Bin Khalifa University (HBKU), Qatar University, Baker Hughes, and Qatar Fertiliser Company (QAFCO) participated in the event held under the theme 'Inventors and Innovators'.

The workshop marks the 9th year since the international campaign launched to celebrate the

contribution of women in engineering and other STEM fields under the motto #EngineeringHeroes.

Dr. Hanan Farhat, Chairperson of MENA Women in Engineering (MENA-WIEN), gave the opening speech highlighting the importance of recognizing women's achievements and promoting Diversity, Equity and Inclusion.

She noted that as of June 2021, only 16.5 % of the world's engineers are women, and more could be done to increase this number. TotalEnergies Qatar presented

its TotalEnergies Women's Initiative for Communication and Exchange (TWICE Program).

TWICE in Qatar comes under the Tamkeen umbrella which houses initiatives within the company that focuses on knowledge sharing and human development through local and international job training, continuing education, workshops, lectures, employee swap program and hosting networking platforms.



Ms. Sarah Wadi Al-Amiry, NFPS JV Project Manager at ExxonMobil Qatar, Ms. Amal Zermouni, Engineering, Construction & Projects Manager at TotalEnergies Qatar, Ms. Jackie Kechichian, Development Manager at Qatar Shell, Dr. Hanan Farhat, Chairperson, MENA Women in Engineering (MENA-WIEN), Dr. Richard O'Kennedy, Vice President for Research at Hamad Bin Khalifa University

Introducing Schools in Qatar about the Energy Sector

In December 2022, as part of a scientific project, grade 3 students from Swiss International School in Doha have been debating about the transdisciplinary theme of Sharing the Planet. Their central idea was that 'the Earth provides us with the resources we need to live, but the use of those resources has consequences'. They welcomed on 15th December 2022 a guest speaker, Mr. Kamil Fatihi,

petroleum architect in Qatar. Kamil did a presentation on renewable and non-renewable resources and introduce the children the Oil and Gas Industry.

The speaker explained about oil extraction, the positive and negative impact of the use of oil on the environment and how to use the resources responsibly.



Lecture by Mr. Kamil Fatihi at the Swiss International School in Doha

Sustainability at School: Storytelling

In October 2022, a storytelling session was held with Newton British Academy's early foundation students about sustainability to inspire children's imaginations for a green lifestyle. "Daisy's Visit to the Seaside" was read to them. The objective was to educate children about sustainable world practices and instill the love and respect for the environment.



Story Activity at Newton British Academy

Successful Academia and Industry Collaboration between Universities and TotalEnergies Qatar

In May 2022, a workshop was held by Texas A&M University at Qatar, a Qatar Foundation partner university, in partnership with TotalEnergies Qatar, highlighted their joint decarbonization research that has led to innovative technologies in natural gas processing and CO2 utilization for the State of Qatar.

The workshop marked the culmination of a six-year international collaborative research project led by Texas A&M at Qatar's Gas and Fuels Research Center

(GFRC), and was attended by representatives from partner academic and industrial institutions in Qatar and worldwide.

The project, "Design of Novel Catalysts and Processes for Carbon Dioxide Conversion from Micro- to Macroscale," was funded by the Qatar National Research Fund as a National Priorities Research Program, and was conducted jointly with TotalEnergies Research Centers in Qatar and Belgium, as well as Northwestern University.

Mr. Yousef Al-Jaber, Director of the TotalEnergies Research Center Qatar (TRCQ) and Vice President for Innovation and Change Management at TotalEnergies Qatar stated that TotalEnergies collaboration with Texas A&M University Qatar, Northwestern University America and Qatar Foundation was primarily to explore cutting-edge technologies to address the climate change challenges.



Mr. Omar Al-Ansari, General Secretary of QRDI, Dr. Olivier Miserque, Program Manager of Gas Conversion at TotalEnergies, Mr. Yousef Al-Salhei, MD of QSTP, Yousef Al Jaber, VP Innovation and Change Management at TotalEnergies Qatar, Dr. Cesar Malave, Dean of TAMUQ, Dr. Hisahm Sabir, MD of QNRF, Prof. Tobin Marks from Northwestern University America, Ms. Abeer Al-Hammadi, Director of Innovation and Economic Development at QF, John T. McEntire, Director of Qatar Foundation Knowledge Transfer, Prof. Ioannis Economou, TAMUQ, Prof. Nimir Elbashir, TAMUQ and Lead PI of the project



Visit of QatarEnergy to TotalEnergies in Paris

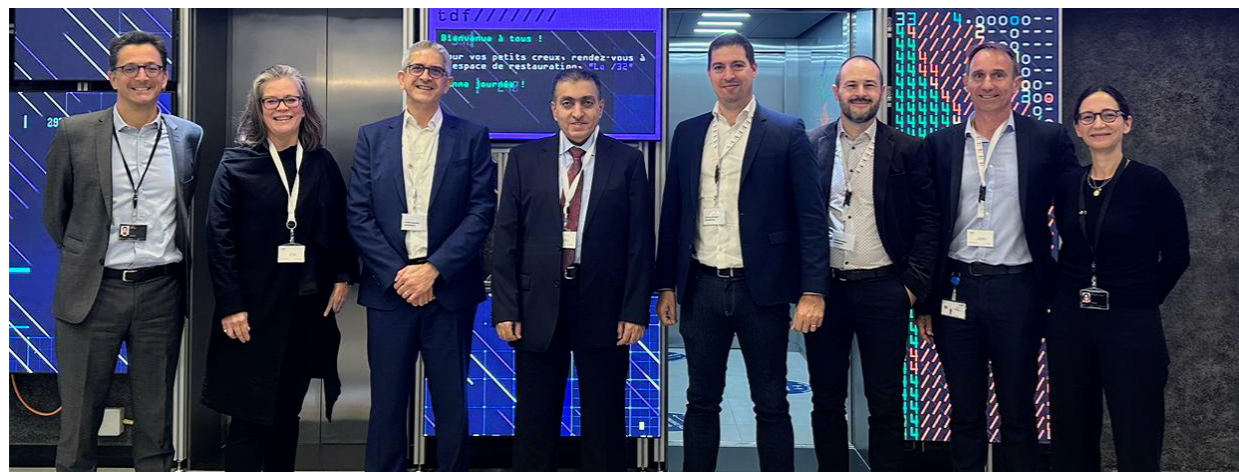
In September 2022, QatarEnergy representatives made a visit to France, with an objective to share TotalEnergies return of experience and expertise with outsourcing, digital, cloud, cybersecurity and high-performance computing.

Hamad Ibrahim Al-Qayed (Manager, Information and Communications Technology), Mr. Firas Sarhan (Seconded in QatarEnergy Assistant Manager, Information Systems), Ms. Sara Al Jabir (Head of Subsurface Solutions), Ms. Rola Al-Hamad (Systems Engineer IT Subsurface).

about cybersecurity in TotalEnergies with TotalEnergies Chief Information Security Officer (CISO). The members made a visit to the Cloud Competence Center and High-Performance Computing team in Paris. The TotalEnergies Digital Factory was also visited with Mr. Frederic Gimenez, Chief Digital Officer.

The visitors were Mr.

The meeting was



Mr. Didier Bougeard, Ms. Dona De Wick, Mr. Firas Sarhan, Mr. Hamad Al-Qayed, Mr. Sebastien Cano, Mr. Frederic Broust, Mr. Laurent Claverotte, Ms. Ines De Castro



Mr. Laurent Claverotte, Mr. Firas Sahran, Mr. Jorge Acebo, Mr. Hamad Al-Qayed, Mr. Francois Tete, Mr. Frederic Broust, Mr. Sebastien Cano

TotalEnergies Qatar Initiates On The Job Training (OJT) Attachment with Dolphin Energy

In June 2022, TotalEnergies Qatar along with Dolphin Energy, one of several joint ventures in the country, initiated a training agreement, on the job training (OJT) to enhance knowledge exchange and know-how synergy.

The objective of the training programme was to engage a Reservoir Engineer from Dolphin Energy in the TotalEnergies E&P Qatar premises, regarding the challenges associated in reservoir dynamic modeling in the

Al-Khalij field. The reservoir engineer spent one year working with TotalEnergies Qatar reservoir studies team, where they were exposed to the opportunity to participate in the Al-Khalij dynamic model's initialization and history match study.

The programme allowed the engineer to expand their reservoir simulation expertise through a rigorous programme designed to provide hands-on training in key areas to amplify their

technical proficiencies.

The programme falls under the umbrella of Tamkeen with an objective of knowledge sharing and personal development.

An emphasis was made on developing technical skills in well data synthesis, using new reservoir simulation tools (Intersect), cooperating across the Geology, Geophysics and Reservoir operational team, and developing soft skills like autonomy and project management.



Photo from Al Reyada Seminar - Tamkeen Initiative



TotalEnergies Qatar participates in Women Leadership Program

In October 2022, TotalEnergies Qatar participated in 'Her Story', a series of discussion on Women in Leadership, launched by HEC Paris and Chambre de Commerce et d'Industrie (CCI France Qatar). TotalEnergies Qatar was represented in the discussion by Vice President HSEQ and Security, Ms. Marie-Charlotte Al Boussiere. The conversation covered a range of subjects, including initiatives taken by the energy sector to address climate change, changes in the organization's culture and commitment to sustainable development, encouraging women in leadership, and possible challenges. TotalEnergies Qatar participated in a panel discussion titled "Stepping into Opportunities - Women's Leadership" that was hosted by North

Oil Company (NOC). The panel covered various topics including personal development, skill development, and leadership legacies in addition to discussions on increasing the representation of women in leadership positions in the oil and gas industry and tackling misconceptions in the workplace.

TotalEnergies Qatar has embarked on the journey of sustainability, and diversity is one of the foundations supporting demanding roadmap of TotalEnergies. This dialogue was a great opportunity to exchange on inspiring stories, to share views on diversity and on how it contributes to build sustainable organizations.



Ms. Marie-Charlotte Alboussiere, Eng. Abeer and Dr. Shaheena J Jivraj.

Promotion of Diversity and Gender Equality at TotalEnergies Qatar

In January 2022, as part of ongoing efforts at TotalEnergies Qatar to promote gender equality and attract female talent, TotalEnergies E&P Qatar, marked Drilling Wells on Paper (DWOP) an event on June 15th, 2022, at La Sorbonne University, Doha - Qatar.

The event provided an opportunity to emphasize TotalEnergies' posture on gender equality and emphasized the

importance of having female leaders and employees who can look forward to as role models and urged everyone in the organization to actively participate in activities and training related to diversity and inclusion.

Representatives from rig contractors and service companies were present at the event, which encouraged teamwork for productive performance at work. TEEPG have female

employees operating on the rig Emerald Driller, from TotalEnergies and Drilling Contractors, including TotalEnergies Drilling Supervisor and Site Drilling Engineer.

This initiative fits into the Tamkeen program, an internal initiative that focuses on the development of our stakeholders and is part of TotalEnergies Qatar's framework for encouraging education and inclusivity.



Group Photo of the Drilling and Wells Event



Culture



TotalEnergies Qatar Supports French Youth to Experience Qatar Culture during World Cup

In december 2022, TotalEnergies Qatar hosted more than 90 youth members from Sport' A Vie, a non-profit association in France for the integration and social development of young people from diverse neighborhoods to discover cultures through large international sport events.

Their visit to Qatar comes under the umbrella of 'Tamkeen', a program by TotalEnergies Qatar which houses all of the Company's initiatives on knowledge-sharing and

human development in the country. The young travelers also had a tour of the National Museum of Qatar (NMoQ) and Qatar National Library among other culturally significant sites. They visited the

Al Thakira coastline where they contributed to TotalEnergies Qatar's mangrove preservation campaign by planting 600 baby mangroves and learning about the effects of climate change, and what each person can do to reduce the carbon

footprint. They finally experienced FIFA World cup matches. Sport' A Vie was also supported by other French companies and institutions during their trip in Qatar.

The students engaged in a gathering with TotalEnergies EP Qatar Managing Director and Country Chair, Mr. Matthieu Bouyer who presented to them a brief history of Qatar's energy journey, and the Company's activities in Qatar.



Photo of the Sport' A Vie Group at Qatar-TotalEnergies Playground

TotalEnergies Collaborates with Qatari Artists for Qatar TotalEnergies Open

In February 2022, TotalEnergies, title sponsor of the Qatar TotalEnergies Open, have collaborated with local Qatari artists to create various designs used throughout the Qatar TotalEnergies Open lady's tournament.

This comes as a part of the Company's efforts aimed at supporting local cultural and artistic talent in Qatar. The announcement was made during a recent signing ceremony with H.E Nasser Al-Khelaifi,

President of the Qatar Tennis, Squash and Badminton Federation, and Matthieu Bouyer, Managing Director TotalEnergies EP Qatar and Country Chair, for the renewal of the tournament sponsorship for a further three years.

The tournament artwork created by Qatari artists Noof Al-Naama and Ibrahim Al-Baker was unveiled and presented to H.E. Nasser Al-Khelaifi. As explained by the artists, the design represents a

falcon feather, a symbol for Qatari pride and strength, surrounding a tennis racket.



H.E. Nasser Al-Khelaifi, Mr. Matthieu Bouyer and Ms. Noof Al-Naama at Qatar TotalEnergies Open Press Conference

TotalEnergies Qatar Hosts Activities to Promote Cultural Significance of Ramadan

In April 2022, TotalEnergies Qatar hosted Ramadan activities with an approach to increase awareness about significant religious event, Ramadan. 'Lunch and Learn' was hosted for the employees with a motive to highlight the culture and traditions followed during the month of Ramadan. As a part of Ramadan activities, a food donation drive also took place. 101 food boxes were distributed to those in need. The objective was to ensure to practice good deeds which is beneficial for the betterment of the world as well as hereafter.



Employees Packing Ramadan Donation Boxes



Employees Packing Ramadan Donation Boxes



Mr. Matthieu Bouyer, Ms. Anett Kontaveit (Runner Up of QTO 2022), Ms. Iga Swiatek (Singles Champion of QTO 2022), H.E. Nasser Al Khelaifi (President of Qatar Tennis, Squash, Badminton Federation), Mr. Saad al Muhannadi (Tournament Director)

Sports and Health



TotalEnergies Qatar HSE Contractor Forum: Together, Committed to Building a Safe and Sustainable Culture

In October 2022, 60 attendees from TotalEnergies and key contracting companies with top management engagement shared discussions, thoughts, and insights during the annual 'Health, Safety and Environment (HSE) Contractor's Forum' held under the theme "Integrating Human and Organizational factors".

The annual forum promotes informative exchanges to reinforce the TotalEnergies' compliance, safety, and sustainability best practices through open

discussions. The company has recently introduced new programs to existing campaigns that drive safe and sustainable operations such as Zero-Fatality, reshaped Golden Rules, and Carbon Footprint Reduction roadmap.

In addition to its aim of zero fatality in the exercise of its activities, TotalEnergies has set itself the target of continuously reducing the Total Case Incident Rate (TRIR) indicator for all personnel of the Company and its contractors. The session welcomed expert speaker Mr. Raphael Waxin

in charge of Human and Organizational factors and Safety Culture from TotalEnergies Head Quarters in France. He conducted a workshop highlighting human and organizational factors and their influence in behavior in various work situations.

TotalEnergies reiterated its efforts to promote more communication and called on effective participation by everyone working for or on behalf of TotalEnergies. By enforcing a "no-blame" culture, the Company has given the responsibility to all Contractors to speak up.



Group Photo from the Annual HSE Contractor Forum

Sustainability Cup Tournament

In August 2022, Sustainability Cup is an initiative by TotalEnergies EP Qatar Affiliate to promote sustainability and safety in line with company values.

The tournament's main objectives are to reinforce sustainability and safety culture in an entertaining way, promote mutual respect, and make it more enjoyable for staff to learn

and engage in safety and sustainability. Participants in the tournament can earn points for working towards Health, Safety and Environment (HSE) objectives such as safety anomaly reporting and Joist safety tour), sustainability events such as beach cleanups, sustainability awareness events at schools and universities. Other fun activities took place

such as the MasterChef Challenge where the participants cooked dishes with low carbon footprints. The tournament started in September 2022, it is currently ongoing with more than 250 participants exceeding 80 teams and onshore and offshore with over 400 sustainability initiatives.



Mr. Laurent Vivier, Senior Vice President Middle East and North Africa, E&P, TotalEnergies

Qatar TotalEnergies Open 2022

In February 2022, TotalEnergies Qatar sponsored the Qatar Tennis, Squash and Badminton Federation, and Women's Tennis Association (WTA), Qatar TotalEnergies Open (QTO) tournament.

The week-long event was held in Doha from the 20th to 26th February 2022 and increased its ranking to a WTA 1000 tier for the first time. It welcomed 56 players, including 8 of the top 10 players in its singles draw, and 28 pairs in the doubles draw. At the finals, Ms. Iga Swiatek (POL) was crowned the tournament

Singles Champion, and Ms. Cori Gauff (USA) and Ms. Jessica Pegula (USA), were the Doubles Champions. TotalEnergies hosted numerous visitors at its booth in the Public Village, enabling everyone to benefit from player engagement events such as meet and greet, press conferences with youth, and Kids' visits.

At the booth, visitors were able to enjoy 'Journey of Energy' cycling activity which explained the different forms of TotalEnergies is involving in. The easing of restrictions at Khalifa

International Tennis and Squash Complex, the host venue allowed for an amazingly engaging event with increased interactions between players and visitors.

This year, the sponsorship agreement which was first launched in 2001, was renewed for 3 additional years. But TotalEnergies' partnership with Qatar Tennis, Squash and Badminton Federation, goes far beyond tennis. The values of resilience, respect of each other and pioneering spirit are among those shared between the two organizations.



QTO 2022 Doubles Champions, Ms. Jessica Pegula and Ms. Cori Gauff

Health, Safety and Environment (HSE) Stakeholder Seminar

In October 2022, TotalEnergies in Qatar demonstrated its commitment to engage with its stakeholders by hosting an HSE Seminar on Safety Culture under the theme "Integrating

Human and Organizational factors". This seminar, which involved many of TotalEnergies stakeholders in Qatar, provided an opportunity for all involved to learn more about key topics to

consider when building a safety culture, including the implementation of "no-blame" culture, which may foster communication and encourage everyone working for TotalEnergies to speak up for safety.



Photo from the HSE Stakeholder Seminar



TotalEnergies Qatar Awards QAPCO for JV Operational Excellence

In June 2022, in a acknowledgement of outstanding operational performance, TotalEnergies selected Qatar Petrochemical Company (QAPCO) Q.P.J.S.C. as the recipient of its Joint Venture (JV) Operational Excellence Award for 2021 in the Middle East, Asia and Africa Regions.

This award is nominated by TotalEnergies Management Committee in Refining and Petrochemicals, and recognizes the Company's joint ventures who have a high-performance in Operational Excellence. This award recognizes the

outstanding operational performance of QAPCO. Safety results, within budget, availability above budget and a remarkable performance on the Mega Turnaround & Inspection (T&I) are world class performances. Qatar Petrochemical Company (QAPCO) is one of the world's largest producers of low-density polyethylene (LDPE), derived from oil and natural gas.

TotalEnergies has a 20% stake in the company, which holds an ethylene plant cracker with a production capacity of 840 kilo tonnes per annum (ktpa), and three LDPE plants with a total combined

production capacity of over 780 ktpa and a sulfur plant with a production capacity of 70 ktpa. In 2021, QAPCO underwent a mega turnaround and inspection (T&I) in their plants involving almost 3 million man-hours, which was optimized through safe operations, and cost-efficiency.

QAPCO has adopted safety management process which puts people and equipment safety at the forefront of every decision, and involves stringent safety processes, high standards, strict compliance, comprehensive training, capability building, and vigilant monitoring.



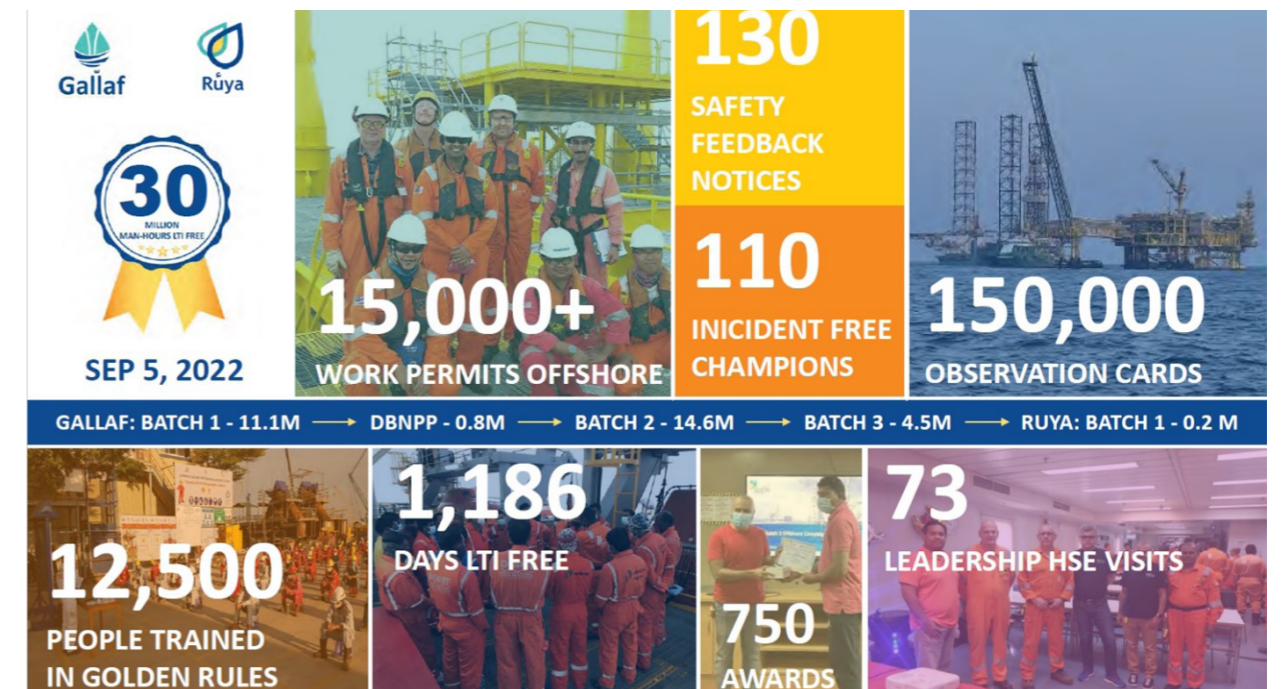
Dr. Mohammed Yousef Al Mulla (QAPCO CEO) Receiving Trophy from Mr. Francois Good (TE SVP Middle East Africa, and Asia) and Mr. Ghazi Shahin (TE Managing Director RC Qatar)

Celebration of 30 Million Man-hours LTI Free on NOC projects

In September 2022, TotalEnergies EP Qatar and North Oil Company (Operator of Al Shaheen oil field) have proudly celebrated an amazing achievement and record with more than 30 million man-hours worked on Al Shaheen major

projects (Gallaf and Ruya) without a single lost time incidents (LTI). This is an extraordinary performance, in particular in view of the difficult context in which those projects have been executed (COVID pandemic, South Asian yards, offshore

works in Qatar, etc.). It demonstrates the strong commitment from NOC and its shareholders (TotalEnergies and QatarEnergy) to deliver complex projects in a safe and sustainable manner.





World Day for Safety 2022

In April 2022, TotalEnergies Qatar celebrated the World Day for Safety 2022 together with its employees working onshore and offshore.

The topic highlighted during the World Safety Day was the deployment of the revised TotalEnergies Golden Rules for safety, with a particular focus on the new rules: 'Line of Fire'

and 'Hot Work'. The event, which was hosted at the TotalEnergies Research Centre Qatar (TRCQ), included presentations from several personnel, with a virtual link to involve all offshore employees also.

The 12 Golden Rules are established to ensure responsible safe practices. The Golden Rules are

established based on lessons learned. Each one is required to take ownership and to implement them with constant vigilance. The commitment to systematically apply the Golden Rule is in line with the Company's ambition: safety is our core value and is the first pillar of our sustainability, at the heart of our strategy, our projects, and our operations.



TotalEnergies Employees Celebrating World Day for Safety 2022

TotalEnergies Golden Rules



High-Risk Situations



Traffic



Body Mechanics & Tools



Personal Protective Equipment (PPE)



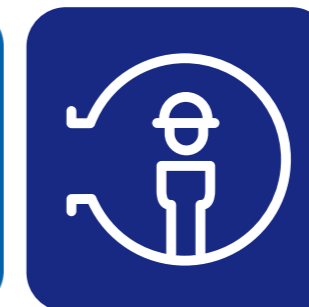
Work Permits



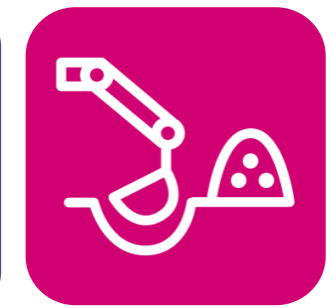
Lifting Operations



Powered Systems



Confined Spaces



Excavation Work



Work at Height



Hot Work



Line of Fire



Climate and
Biodiversity



TotalEnergies Announces the Startup of Al Kharsaah Solar Power Plant

In October 2022, The Al Kharsaah solar power plant developed by TotalEnergies and its partners QatarEnergy, and Marubeni was inaugurated by His Highness Sheikh Tamin bin Hamad Al Thani.

The ceremony marked the completion of the construction works and the startup of the plant, which is now connected to the national grid. Located 80 km West of Doha, the Al Kharsaah plant is the first large scale photovoltaic plant in Qatar with 800 MWp installed solar capacity.

The plant was constructed on a 1000-hectare terrain, equivalent to approximately 1400 football pitches, and integrates 2 million high-efficiency bifacial modules mounted on single-axis trackers.

These panels, equipped with photovoltaic cells on the front and back, capture the sun's direct rays on one side, and capture the rays reflected on the ground thanks to the other side, thus optimizing electricity production. Al Kharsaah can supply 10% of the country's peak power

consumption and will avoid 26 million tons of CO2 emissions during its lifetime.

The power plant has been developed and is operated by Siraj 1, which is jointly owned 40% by the Consortium formed by TotalEnergies (49%) and Marubeni (51%) and 60% by QatarEnergy renewable solutions.

The project includes a 25-year Power Purchase Agreement between Siraj 1 and the power grid operator Kahramaa. The

inauguration of the Al Kharsaah plant follows the recent selection of TotalEnergies as QatarEnergy's first international partner for the North Field East (NFE) and North Field South (NFS) liquefied natural gas (LNG) projects.

Participation in these projects will enable TotalEnergies to add 3.5 Mt/year of production to its global LNG portfolio by 2028, in line with the Company's goal of

increasing the share of natural gas in its sales mix to 50% by 2030.

The inauguration also follows QatarEnergy's recent announcement of a new solarization project for the Ras Laffan and Mesaieed industrial cities, with the support of TotalEnergies. With 900 MWp of installed capacity, this project will be a second major milestone in QatarEnergy's strategy to reduce the carbon footprint of its facilities

by 2030 and to develop 5 GW of renewable power generation capacity by 2035.

The inauguration also follows QatarEnergy's recent announcement of a new solarization project for the Ras Laffan and Mesaieed industrial cities, with the support of TotalEnergies. Al Kharsaah (800 MWp), one of the largest solar power plants in the Middle East.



His Highness Sheikh Tamim Bin Hamad Al-Thani at the Opening Ceremony of Al Kharsaah Solar Plant



Photo of Solar Panels at Al Kharsaah Solar Plant

TotalEnergies Qatar and Qatar Museums Work Hand in Hand for a Beach Clean-up

In October 2022, 30 volunteers collected more than 200 kg of waste during the event, dimensions at the centre of its strategy, projects and operations and aims to be recognized for its commitment to the United Nations Sustainable Development Goal (SDGs). TotalEnergies places sustainability in all its



Photo of the Qatar Museums and TotalEnergies Beach Clean-Up

Mangrove Plantation and Clean-up Activity at Al Thakhira

In October 2022, TotalEnergies Qatar teamed up with Discover Amazing for Mangrove plantation at Al Thakhira Mangrove Forest. It is among Qatar's oldest and largest forest and known for its desert landscape. To protect biodiversity, baby mangrove plants were planted to ensure sustainable and climate-friendly actions. Mangrove forests are one of the ecological wonders of the country. The aim is to promote plantation and clean-up activities as it benefits in replenishing life in the gulf.

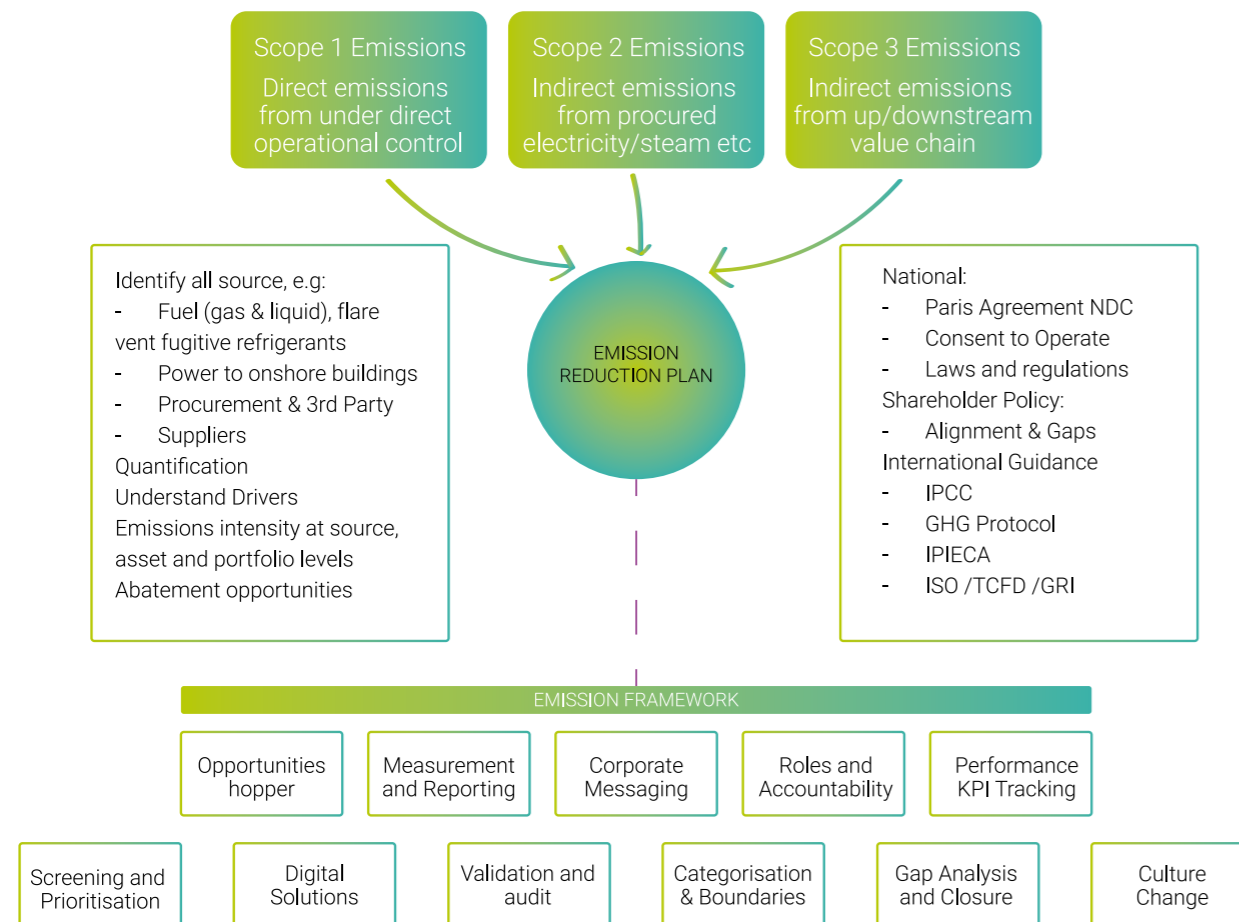


Photo of Mangrove Plantation and Clean-Up Activity at Al - Thakhira



GHG Emissions Reduction Roadmap for Al Shaheen

Following a strong collaboration between Al Shaheen operator, North Oil Company (NOC), TotalEnergies and QatarEnergy involving an ambitious GHG emissions reduction plan has been approved by all parties. It covers emissions associated to fuel gas, flaring and venting and its objective is to reduce Al Shaheen emissions by more than 350 kt CO2eq before 2028. This roadmap illustrates TotalEnergies' commitment to reduce the direct emissions not only from its own assets but also from assets operated by others.



eDNA Monitoring of Whale Sharks on Al Shaheen Field

The whale shark is classified as “Endangered” by the International Union for Conservation of Nature. TotalEnergies Research Centre in Qatar (TRCQ) is involved in a project called eDNA monitoring of whale sharks, together with Qatar University and North Oil Company (Al Shaheen operator). The objective of this project is to assess whale sharks population with eDNA, improve the eDNA techniques to allow

identification at individuals level. Up to 400 whale sharks have been observed at one time making it one of the largest aggregations in the world.

The Al Shaheen field is a biodiversity hot spot in the Arabian Gulf partly due to the strong nutrient rich currents and cooler temperatures at depth during the summer period.



Whale Shark

Well Integrity Diagnostics and Rapid Geochemical Analysis Response

TotalEnergies Research Center Qatar (TRCQ) assessed the nature and source of the gas leak in the Al Shaheen field. A corrective action plan was put into place and implemented to monitor the fluids within the reservoirs that could display a distinct chemical makeup. Organic

geochemistry can assist in identifying the source of a leak by comparing the fluid signatures from various reservoir levels to the leak signature using cutting-edge analytical tools. TRCQ is the only research facility in Qatar with an organic geochemistry lab. The Organic

Geochemistry division is constantly prepared to handle high priority well integrity issues like oil spill characterizations and annulus monitoring leaks thanks to the team's strong support from TotalEnergies experts.



Coral Reefs Restoration in Qatar QATAREEF Deployment and Monitoring

In May 2022, The QataREEF program aims to support the coral reefs project within the State of Qatar.

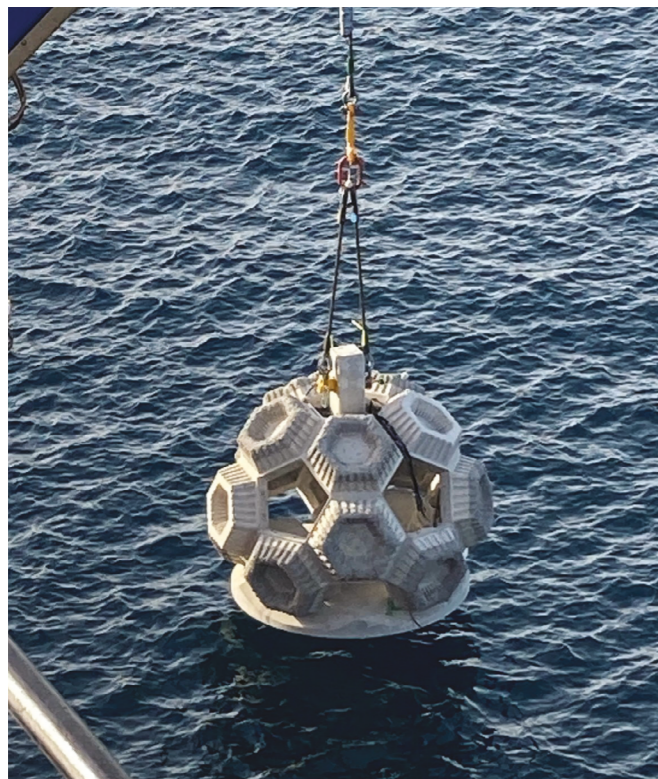
By positioning artificial reefs next to healthy coral reefs we aim to allow their natural colonization. Once colonized, the artificial reefs are moved to areas where the regeneration of the Coral Reefs is required. In phase one of QataREEF, 18 cutting-edge structures were successfully

deployed at two locations 120 km offshore Qatar, close to Halul Island, at the precise coordinates established with the Ministry of Environment and Climate Change (MoECC) and QatarEnergy.

Phase two of the project is focused on continuous monitoring of the coral colonization of the reefs by TotalEnergies partners: Seaboost from France and Qatar University. The fixation of "baby corals" is

one of the hopeful findings of marine life reproducing on the structures after six months of observation.

The QataREEF pilot can assist in recovering and offsetting coral reefs in the Gulf region or other seas as mitigation measure for offshore operations and improvement of marine biodiversity once it has been validated in Qatari waters.



Photos of Artificial Reef



TotalEnergies and QEERI Collaborate on Solar and Corrosion Research

TotalEnergies is proud to strengthen its collaboration with Hamad Bin Khalifa University's Qatar Environment and Energy Research Institute (QEERI), which is one of its principal research partners and service provider. The two companies have signed an agreement to collaborate on asset integrity research and development projects.

Under this agreement, QEERI will support studies and analysis for corrosion on TotalEnergies' assets in Qatar. Corrosion threatens asset integrity and sustainability of operations, and therefore early detection is crucial to

protect its value. **QEERI's state-of-the-art corrosion facility simulates oil and gas field conditions and enables testing under diverse operating conditions, including mimicking the exact flow pressure and environment of an infrastructure element.**

This collaboration is not unique to both companies, which have previously embarked on a shared ambition to develop clean energy solutions in support of Qatar's national aspirations for 2030. In 2020, TotalEnergies expanded its solar

research zone at QEERI's Outdoor Test Facility. In line with sustainability goals, TotalEnergies has committed to bridging academia and industry through research collaborations, whilst developing knowledge sharing and research capacities. Thus, in line with its sustainability goals, TotalEnergies has committed to bridging academia and industry through research collaborations, whilst developing knowledge sharing and research capacities.



Photos from the Lab Tours



Soiling and Cleaning Robots Benchmark for Solar Panels at Qatar Environment and Energy Research Institute (QEERI)

In October 2022, TotalEnergies launched a benchmark of six cleaning robots from various manufacturers at the Outdoor Testing Facility (OTF) of Qatar Environment and Energy Research Institute (QEERI) at Qatar Foundation, as the industry grows more interested in these machines. It was investigated that one of the main challenges in the desert regions like Qatar is dust buildup on the solar panels, which decreases their performance, causes overheating and degradation. The findings of this investigation will enable to evaluate each robot's cleaning efficiency, impact on yield, potential for abrasion, and damage for solar panels. It will also shed light on additional elements including reliability, affordability, safety features, and maintainance needs.



Photo of the Solar Panel Cleaning Robots

Environmental Management in TotalEnergies Research Center Qatar

The TotalEnergies Research Center Qatar (TRCQ) has adopted ISO 14001:2015 since 2016, a global standard for the implementation of an environmental management system. and increased process efficiency. To design and methodically manage their policies, processes, and procedures, the site will benefit from following this guidance. In addition, various local and international governmental rules must be verified.

By using fewer natural resources and producing less waste, adopting ISO 14001 also improves the company's reputation and acceptability to stakeholders and other interested parties. It also results in cost savings and increased process efficiency. To design and methodically manage their policies, processes, and procedures, the site will benefit from following this guidance. Additionally, it ensures that the tasks necessary to accomplish the goals of The TotalEnergies Research Center Qatar (TRCQ) are completed. According to its charter, the corporation places a high priority on protecting the environment. In addition, various local and international governmental rules must be verified.

Understanding how The TotalEnergies Research Center Qatar (TRCQ) operations affect the environment makes it easier to implement excellent management practices and shows that environmental concerns are considered within operation, protecting the neighborhood and society.

- Legislation
- Reputation
- Financial
- Corporate Social Responsibility
- Company Requirements



Use of Stand-By Buoy on Offshore Support Vessels on Al Shaheen Field

In October 2022, A large fleet of vessels are used daily offshore on Al Shaheen field to support the field operations activities. Those vessels consume large quantity of marine fuel and therefore emit CO2 into the atmosphere. TotalEnergies is working hard together with the Al Shaheen operator (NOC) to reduce those emissions as much as possible. An innovative idea has been implemented on the field consisting in the

installation of stand-by buoys offshore to which the vessels can connect when they are not working. When connected, the vessels can shut off their engines and therefore decrease their fuel consumption and

associated CO2 emissions. **It is expected that such solution should enable to reduce the emissions by more than 100t CO2eq / yr.**



Ongoing Field Operations Activities on Al Shaheen Field

Waste Free Environment Day in Qatar

In March 2022, the TotalEnergies Refining and Chemicals team in Qatar, along with Qatar Petrochemical Company (QAPCO) and Qatar Chemical Company (QChem), took part in the 8th annual “Waste

Free Environment”. This activity encourages recycling, calls for a more responsible approach to litter disposal, and highlights the significance of community action on environmental issues. Through presentations,

seminars on garbage handling, and a beach cleaning exercise, it also attempts to make the children more aware of the effects of waste on the environment.



Group Photo from the Waste Free Environment Day

World Environment Day: Promoting Green Lifestyle With Beehive Tribe

In June 2022, TotalEnergies Qatar celebrated World Environment Day with the theme ‘Protecting Biodiversity’.

TotalEnergies has pledged to contribute to the United Nations Sustainable Development Goals (SDGs), including those related to the conservation of biodiversity.

TotalEnergies recently updated its ‘Biodiversity Ambitions’ and these were shared with all employees, onshore and offshore, including our commitments to: respecting our voluntary exclusion zones, managing biodiversity in new projects,

promoting biodiversity, and managing biodiversity at existing sites. TotalEnergies Qatar is dedicated to function sustainably, protect the environment, and be proactive in community initiatives. To promote a green lifestyle, Beehive Tribe has offered TotalEnergies Qatar employees support for home recycling services. World Environment Day,

TotalEnergies also invited Beehive Tribe as a guest speaker to present biodiversity topics that are of specific importance to Qatar, including the preservation of the Hawksbill Sea Turtle in the country. Beehive Tribe,

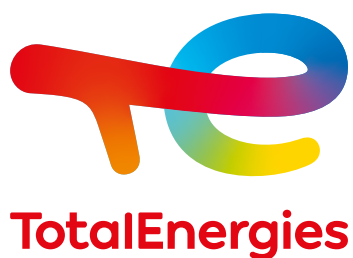
a Qatari organization that defines itself as a one-stop shop in Qatar for simple and convenient recycling services, environmentally friendly products, and access to Qatar’s green community and events, have partnered to promote a sustainable lifestyle by managing waste recycling.

TotalEnergies Qatar is dedicated to function sustainably, protect the environment, and be proactive in community initiatives. To promote a green lifestyle, Beehive Tribe has offered TotalEnergies Qatar employees support for home recycling services.

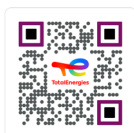
TotalEnergies is a global multi-energy company that produces and markets energies: oil and biofuels, natural gas and green gases, renewables and electricity.

Our 105,000 employees are committed to energy that is ever more affordable, cleaner, more reliable and accessible to as many people as possible.

Active in more than 130 countries, TotalEnergies puts sustainable development in all its dimensions at the heart of its projects and operations to contribute to the well-being of people.



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