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## EGYPS 2023 HIGHLIGHTS ENERGY SUSTAINABILITY, STABILITY IN NORTH AFRICA AND THE MEDITERRANEAN



“Egypt’s efforts in the gas industry will have a positive impact on European countries”

HIS EXCELLENCY  
**ABDEL FATTAH EL SISI**  
President of the Arab Republic of Egypt

El Molla also took advantage of this joyous occasion to announce that next year’s edition of the show will be rebranded as Egypt Energy Show (EGYPES). “Starting from the upcoming edition, the conference will become Egypt Energy Show (EGYPES), allowing for the expansion of the conference and exhibition topics to include issues of energy transition, emissions reduction, and hydrogen to keep pace with the rapid global changes in the energy sector.”

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The inauguration of Egypt Petroleum Show’s (EGYPS 2023) sixth edition was honoured with the presence of Egyptian President Abdel Fattah El Sisi who affirmed the importance of East Mediterranean Gas Forum (EMGF) and Egypt efforts in oil and gas industry in creating stability in markets.

“The effort [that Egypt] exerts in cooperation with exploration and production companies is a critical element which assists the EMGF in playing its role in mitigating the effects of the [energy] crisis and securing the demand for gas in Europe in the coming period,” El Sisi said. “More discoveries, whether in Lebanon, Israel, Egypt or any other country, can provide gas to Europe and hence relieve the demand and pressure created by the Russia-Ukraine conflict [on global energy markets].”

Under the patronage of the Egyptian President, EGYPS 2023 kicked off to a vibrant and stimulating start with emphasis on this year’s theme ‘North Africa and the Mediterranean: Supporting Sustainable Global Energy Supply and

Demand’. Being hosted at the Egypt International Exhibition Center, the event is set to be a platform for discussions on energy security and energy transition as speakers express their insights.

In his speech during EGYPS 2023 opening, the Egyptian Minister of Petroleum and Mineral Resources Tarek El Molla elaborated further on the importance of this significant occasion. “This edition, under the theme of ‘North Africa and the Mediterranean: Supporting Sustainable Global Energy Supply and Demand’ comes at a critical time as global communities face a wide range of challenges, the consequences of which have affected the whole world, including Egypt.”

“In an effort to mitigate the impact of these challenges and work to transform them into opportunities that support the Egyptian economy, the sector has worked to exploit the advantages that Egypt enjoys in overcoming the energy crisis,” El Molla added.

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# EGYPS 2023 HIGHLIGHTS ENERGY SUSTAINABILITY, STABILITY IN NORTH AFRICA AND THE MEDITERRANEAN

CONTINUED FROM PAGE 1



position as a strategic global energy hub.”

In a keynote address by Haitham Al Ghais, Secretary General of the Organization of the Petroleum Exporting Countries (OPEC), talked about the organisation’s commitment to the market “OPEC remains committed to supporting oil market stability. OPEC also remains committed to investment in order to meet rising demand and reduce the industry’s carbon footprint.”



Al Ghais highlighted the importance of Egypt’s contribution to stabilizing petroleum markets. “Egypt has been a supporter of the Declaration of Cooperation which has been recognized by the G20 and leading consumer countries for its constructive and positive role in supporting global oil market stability.” Moreover, Al Ghais commented on global oil demand noting that “[OPEC’s] latest forecast shows that oil demand is on course to exceed pre-pandemic levels this year, reaching almost 102 million barrels a day and further rising to reach 110 million barrels a day by 2045.”

The EGYPS 2023 opening witnessed a panel discussion between President El Sisi, Minister El Molla, Secretary General of the International Energy Forum (IEF) Joseph McMonigle; bp’s CEO Bernard



Looney, and Apache Corporation’s CEO John Christmann.

El Molla talked about how to deepen international cooperation in the coming period. The Egyptian minister pointed out how the past crisis, COVID and the Russian-Ukrainian war, shed light on energy security challenges. “The recent [global] events revealed that several measures should have been taken that were not complete at the time of the crisis. These include the value of investments that should contribute to energy transition and decarbonisation,” adding that the crisis showed the necessity for injecting “big investments into technologies for energy transition, while [ensuring] sustainability in parallel.”



Looney agreed, stating that “the events of last year taught us that [the world] needs energy transition, and it needs the energy transition to be orderly.”

Christmann offered an optimistic outlook on demand in the energy sector for the years to come saying, “We see good long-term demand. Let’s not forget that 10% of the world’s population still needs access to

reliable, affordable energy. In Egypt, a big part of our portfolio, we have increased investments based on the vision of His Excellency President Abdel Fattah El Sisi and Minister Tarek El Molla to modernize Egypt. It has given us a platform to triple our investments.”

Echoing the importance of oil in energy markets, International Energy Forum (IEF) Secretary General Joseph McMonigle asserted that the global oil industry is in dire need of more investments to maintain market stability. “Until we address this underinvestment problem, I am afraid the new normal is going to be high prices and volatility.”

The conference witnessed the participation of leaders of major international energy organizations, led by OPEC, the International Energy Agency (IEA), the Eastern Mediterranean Gas Forum (EMGF), the Organization of Arab Petroleum Exporting Countries (OAPEC), the African Petroleum Producers’ Organization (APPO), the Union for the Mediterranean (UFM), the Mediterranean Energy Observatory (OME), the International Energy Forum (IEF), the International Gas Union (IGU), the International Association of Oil & Gas Producers (IOGP), the African Energy Commission (AFREC), and the World Energy Forum.

In all of its editions, EGYPS has enjoyed remarkable success in bringing energy leaders together and standing out as one of the most prominent oil and gas events in the Mediterranean region and North Africa. As Egypt has hosted the United Nations Climate Change Conference (COP27), this year’s edition comes at a critical time following COP27.

“ This edition, under the theme of ‘North Africa and the Mediterranean: Supporting Sustainable Global Energy Supply and Demand’ comes at a critical time as global communities face a wide range of challenges, the consequences of which have affected the whole world, including Egypt.”

HIS EXCELLENCY  
**TAREK EL MOLLA**  
Minister of Petroleum and Mineral Resources- Republic of Egypt

dmg events President Christopher Hudson also delivered opening remarks saying: “This year’s Egypt Petroleum Show is our largest to date. We have 280 speakers across a range of conferences, 500+ exhibitors and 12 international country pavilions. We are anticipating to welcome over 32,000 attendees from more than 70 countries over the next three days to engage in dialogue, build partnerships and advance business opportunities at the local, regional and international levels, harnessing Egypt’s



# WELCOME FROM THE ORGANISER OF THE EGYPT PETROLEUM SHOW



**Salman Abou Hamzeh**

Vice President, Energy  
Middle East

**dmg::events**

I am delighted to welcome you to the sixth edition of the Egypt Petroleum Show (EGYPS) - North Africa and the Mediterranean region's most important oil, gas and energy exhibition and conference, held under the patronage of His Excellency Abdel Fattah El Sisi, President of the Arab Republic of Egypt.

Over the past five years, EGYPS has grown to become the region's premier unmissable Show for the oil, gas and energy industry, attracting over 32,000 attendees and hosting over 500 exhibitors. The exhibition includes 26 National and International Oil, Energy, and Service Companies, 12 international pavilions; while the conference welcomes over 2,000 delegates, and 260+ renowned speakers to address over 65 conference sessions.

This year, EGYPS brings together leading companies and experts from around the world to share their knowledge and showcase the latest technologies and sustainable solutions while highlighting the many opportunities the energy transition presents.

The Strategic Conference spans two days, bringing together ministers, C-suite executives, and CEOs of the largest energy companies to share industry insights in a collaborative environment. Speakers will share insights on topics in front of high-level, relevant audiences from the government, civil, energy, academic and business sectors. The conference delves into insights on the evolution from traditional oil and gas operations and businesses to sustainable energy solutions amidst present-day geopolitical constraints and economic concerns globally.

The Technical Conference brings together over 180 technical experts speaking in 45 sessions. Session topics span the entire oil, gas, and energy value chain focusing on technical excellence across 19 categories. Speakers will drive critical conversations around the future of oil, gas, and energy, providing technical enrichment for engineers, technical experts, and digital champions.

Amidst a complex global economic outlook, the Finance and Investment in Energy Conference returns bringing global investors, industry leaders, and financial and economic experts together to unlock the complexity brought by the shifting geopolitical and economic environment. Panelists will discuss the importance of continued ESG-friendly investment, the balance between energy security and net zero targets, and partnership models for the new energy investment landscape.

With an ever-increasing focus on sustainability, the Sustainability in Energy Conference and Awards Ceremony brings together sustainability, climate, and energy transition experts to share insights about the integration of sustainability practices into their business models, ensuring a positive impact on the planet, their employees, and the communities in which they operate. The EGYPS Global Sustainability in Energy Awards will be recognising outstanding and impactful ESG, CSR, and HSE projects from around the world.

The Equality in Energy Conference and Awards Ceremony gathers change management specialists and inclusion and diversity experts together to highlight the need for the industry to create equal, diverse and inclusive workforces and workplaces of the future to deliver sustainable low-carbon business models. The Conference culminates with the prestigious EGYPS Global Equality in Energy Awards and will recognise excellence across the oil and gas sector.

On behalf of the entire organising team, we would like to welcome you once again to Cairo, for what promises to be the largest, most exciting edition of EGYPS to date. We sincerely hope that your visit to EGYPS 2023 is a positive and business-enriching experience.





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# A LONG-STANDING RELIABLE ENERGY PARTNER

An interview with Wintershall Dea CEO, Mario Mehren



**After 45 years in Egypt, what is your outlook for the coming years in Egypt?**

Next year, in 2024, Wintershall Dea will celebrate its 50th anniversary in Egypt. We've been a proud partner and reliable investor here for a long time. During that time, a lot has changed. In Egypt, in the world, in energy markets. But our goal has stayed constant: to find and produce the energy that Egypt needs. Well, this goal that has guided us for decades will remain our goal in the year to come. And we will continue to do so in a way that is efficient, responsible, and protects and supports the environment and communities.

There is however one addition to our future outlook in Egypt. We expect to evolve our business here. In Europe, Wintershall Dea is already investing in carbon management and hydrogen projects, in addition to our long-standing E&P business. And we are looking at concrete opportunities for the future in the field of new energy in Egypt and North Africa.

**Describe the strategy that Wintershall Dea is using to boost its hydrocarbon production.**

We look for value-accretive M&A opportunities and we have a clearly defined exploration strategy focused on fields near existing projects and infrastructure. That is true in Egypt and worldwide. In Egypt, we just found gas at our East Damanhour exploration project. East Damanhour is near our existing Disouq facilities, so the discovery could be quickly developed if judged to be commercial. And we just became part of the North West Abu Qir block, which lies adjacent to our existing Raven field in the West Nile Delta project. M&A and focused exploration underpinned with

a rigorous focus on environmental efficiency and cost: that's the strategy.

**Does Wintershall Dea plan to tap into new markets in 2023?**

We already have a strong, geographically balanced portfolio across Europe, MENA, and Latin America. However, we target moderate growth and one part of that is considering potential new markets if they are aligned with our strategy.

**What are your expectations regarding EGYPS 2023 and what do you hope to gain out of this event?**

I'm excited to be back at EGYPS. Being here, talking to people, learning what other companies are doing, hearing from our partners and friends: there is no better way to take the pulse of the sector.

Of course, I want to spend time talking with our key partners about our current and potential future projects, like our exploration at East Damanhour and our new block North West Abu Qir. I'm also keen to see and hear more about the key priorities for Egypt, in particular the East Mediterranean Gas Forum and Egypt's growing role as a regional hub for gas.

And finally, wherever we are in the world, some topics are always present. Methane emissions reduction, CO2 reduction, operating sustainably, scaling up digital solutions, investing in CCS and in hydrogen for the future: these are key topics in Egypt but also around the world and I am interested to see first-hand what the sector in Egypt is saying and doing right now.

**Wintershall Dea has diversity, equity, and inclusion at its core. What does the company plan to do to empower women in energy?**

We embrace diversity, equity, and inclusion because it enriches our organisation. Empowering women in energy is just one element of that, albeit a very important one. The energy industry - in MENA and around the world - has traditionally been male-dominated. We all have a role to play in changing that. One of Wintershall Dea's main goals is, therefore, for the proportion of women in management positions to be more than 30% by 2025. That ratio in mid-2019 was 20% and it is now already 29%. To create a better balance in our management team in the coming years, we are currently planning measures to make management positions more family-friendly or specifically to motivate women to advance in their career.

More broadly, we have a thriving Diversity and Inclusion Circle at Wintershall Dea, that connects people with diverse backgrounds from across our global business to talk, share, and learn from one another. I am very proud to support this work.

**How does Wintershall Dea work in line with the United Nations' Sustainable Development Goals?**

Our sustainability strategy is an essential part of how we operate as a company. We naturally support Sustainable Development Goals. Our business activities touch many of the goals, particularly those around affordable and clean energy, decent work and economic growth, clean water, and climate action.

A good example of what we are doing is our Energy Transition Pathway, which we established in 2020. It sets clear targets, like hitting net zero for upstream operational emissions by 2030. Specifically, our target is to reduce our Scope 1 and Scope 2 greenhouse gas emissions of our operated and non-operated upstream activities at equity share basis by 2030. We are also targeting methane intensity below 0.1 per cent by 2025, and we are committed to the World Bank's 'Zero Routine Flaring by 2030' initiative. And finally, we are committed to reducing our overall carbon intensity. We are doing that by investing in carbon capture and storage (CCS) and hydrogen projects. Overall, we are building up a carbon management and hydrogen business to potentially abate 20-30 million tonnes of CO2 per annum by 2040.

These targets are driving real action, such as our global methane Leak Detection and Repair programme (LDAR), which we started in Germany and rolled out in Egypt and other countries. We have committed with our partner EGAS to tackle emissions at our Disouq project, and have signed an MOU to explore CCS and hydrogen possibilities in Egypt. It's part of the Wintershall Dea way: operating in the most efficient and responsible way, today, tomorrow and into the future.

“ We've been a proud partner and reliable investor here for a long time. During that time, a lot has changed. In Egypt, in the world, in energy markets. But our goal has stayed constant: to find and produce the energy that Egypt needs. ”

“ Our sustainability strategy is an essential part of how we operate as a company. We naturally support Sustainable Development Goals. ”



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## BEYOND COP27

Explore the outcomes of the COP27 meeting in Egypt as EGYPS lays the groundwork for critical discussions around the industry's transition and ongoing recovery.



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Now that ESG reporting is becoming mandatory in Egypt in 2023, stay abreast with the needs of society as the energy transition gathers pace.

# POISED FOR MORE SUCCESSSES AT EGYPS 2023

An interview with Axens CEO Jean Sentenac



## What agreements is Axens expecting to finalise during EGYPS 2023?

We expect to sign a joint Masters programme in Chemical Engineering with IFPEN, IFP Training and Cairo University. Other MoU and agreements are also in discussion and may also be signed during this event.

## What progress was made with the MoU that was signed with the Red Sea National Petrochemicals company for developing cracking units?

Last year during EGYPS 2022, Axens signed with Red Sea National Petrochemicals Company several agreements for the supply of Basic Engineering Packages, Licences, catalysts, proprietary equipment, training and services for this project. Those agreements concern more than 50% of the overall licenced units in the project for different sections of the complex:

- › Conversion of crude oil to suitable feed to the Steam Cracker with our H-Oil® RC, VGO HDT and Prime-D™ technologies.
- › Production of Paraxylene and Benzene with our Naphtha Hydrotreating unit, CCR unit and Paramax™ complex.
- › Production of Alpha-Olefins used for the production of different grades of Poly-Ethylene with our AlphaButol® and AlphaHexol™ technologies.
- › Recovery of sulphur product with our Claus and Sultimate™ technologies.
- › The execution of the Basic Engineering Packages for all the units in the complex is on-going as per schedule.

Some Process Design Packages have already been delivered and all the Process Design Packages should be delivered by beginning of Q2-2023. The good collaboration between all the parties involved makes this key phase of the project a real success. For the

benefit of the project, Axens will keep on accompanying Red Sea National Petrochemicals Company for the FEED and EPC phases.

## After Egypt hosted COP27, how do you think EGYPS 2023 will be different for you as a company?

COP27 was a success in many aspects, to name a few:

- › Countries finally reached consensus to establish a dedicated fund for loss and damage, which will help to provide solutions to climate affected people in need.
- › Decarbonization Day led to concrete results and 20 additional countries signed on to the Global Methane Pledge, to reduce methane emissions by 30% from 2020 levels by 2030.
- › The African Cities Water Adaptation Fund (ACWA) was launched at COP27 as well and will enable African cities to access funding and technical support to implement solutions targeting a range of water issues.

I am coming to EGYPS having all that in mind. Egypt has been able to reach its objectives, and made heard the African continent on several aspects. It is up to the industry, among others, to translate this into reality, and Axens is willing to work with Egyptian companies to deploy low carbon projects through the continent.

## Would you say that the Assiut Oil Refining Company (ASORC) project has been successful so far?

Yes, this project has indeed been very successful thanks also to the good work of ASORC, Eprom, Petrojet and Enppi acting as the main EPC Contractor. All the units licenced by Axens and the fired heaters we supplied have passed successfully the Performance Guarantee Test Run showing even higher performances than the ones guaranteed.

We continue to support ASORC in the operation of the units by providing them with technical assistance and training on the OTS we supplied to them. We are currently implementing our advanced digital tool Connect'In™ to allow a follow-up of the operation on real time and better support ASORC on their day-to-day operations. The refinery is operating on a very efficient mode and we are proud to have contributed to this successful project.

## How does Axens aim to contribute to Egypt's decarbonisation efforts while satisfying its energy needs?

Egypt has the ambition to reduce the emissions ratio of its power system by 33% by 2030 and to double the share of renewables in the mix to 42% by 2035.

The switch of power plants to gas, frees up large volumes of crude residues that can be further converted to valuable products, in particular the latest generation of fuels and chemicals, while decreasing Egypt's carbon footprint. Other new low carbon energies are also expected to see a fast development.

The latest generation fuels will enable the use of more efficient cars, exhaust treatments and will improve with time considerably the air quality of large Egyptian cities.

Axens collaborates with several Egyptian companies to implement technologies involved in the fields of chemicals and the latest generation of fuels. We also offer to Egypt technologies related to natural gas treatment, such as gas sweetening and dehydration, facilitating the transport of this energy.

Along with investing new assets, it is also the right moment to improve energy efficiency on existing ones, using digital tools to identify gaps and opportunities. This is what we are starting to do in Egypt and we have joint initiatives underway.

## What promising developments have been happening in Egypt's energy sector that may indicate a positive outlook for a company like Axens?

Egypt's energy sector is currently developing and modernising at a fast pace attracting numerous investments, with many promising developments.

- › Petrochemicals is a very dynamic sector in Egypt, since its growing economy and increasing population boost the demand for petrochemicals, from plastics over fibres to fertilizers. Axens is proud to contribute significantly to the ANOPC project and to the Red Sea National Petrochemicals Company, Egypt's flagship petrochemicals project, as already mentioned above.

- › Egypt has also a huge potential for low carbon hydrogen production, mainly for green hydrogen based on photovoltaic electricity. Several projects are currently in various developments stage, such as the Masdar-Hassan Allam Green H2 project in the Suez Canal Economic Zone, AMEA Power in Ain Sokhna, or a recently announced Green H2 feasibility study with bp, to name just a few. Furthermore, the proximity to Europe will allow to export low carbon hydrogen by using maritime transport.

Axens can bring value to low carbon hydrogen projects by several solutions such as products for hydrogen purification, and the Liquid Organic Hydrogen Carrier (LOHC) transport technology, which is very promising due to the easy handling and low toxicity of the involved organic products, and the possibility of using existing oil products infrastructure.

- › The Egyptian natural gas sector is booming in both production and LNG exports. As far as production is concerned, it increased to 67.8 bcm in 2021 from 40.3 bcm in 2016, an impressive 70% increase in just five years, becoming the second producer in Africa. LNG exports increased to 9.0 bcm in 2021. Axens offers technologies related to natural gas treatment such as gas sweetening and dehydration, as well as a complete products portfolio. We take pride in providing the MEG reclaiming units for the Zohr gas field.
- › Egypt, as mainly other countries consuming large amounts of plastics, is facing environmental issues with the disposal of waste plastics. Axens is willing to support the country to reduce this amount with advanced chemical plastic recycling technologies integrated with petrochemical plants allowing to re-process this waste material and generate added value.
- › Finally, we help the country to prepare skilled human resources, by sponsoring and participating to joint Master programme in Chemical Engineering with Cairo University as mentioned above. This is a way to help Egyptian engineers to realise their passion for industrial processes, which we have also in our heart.

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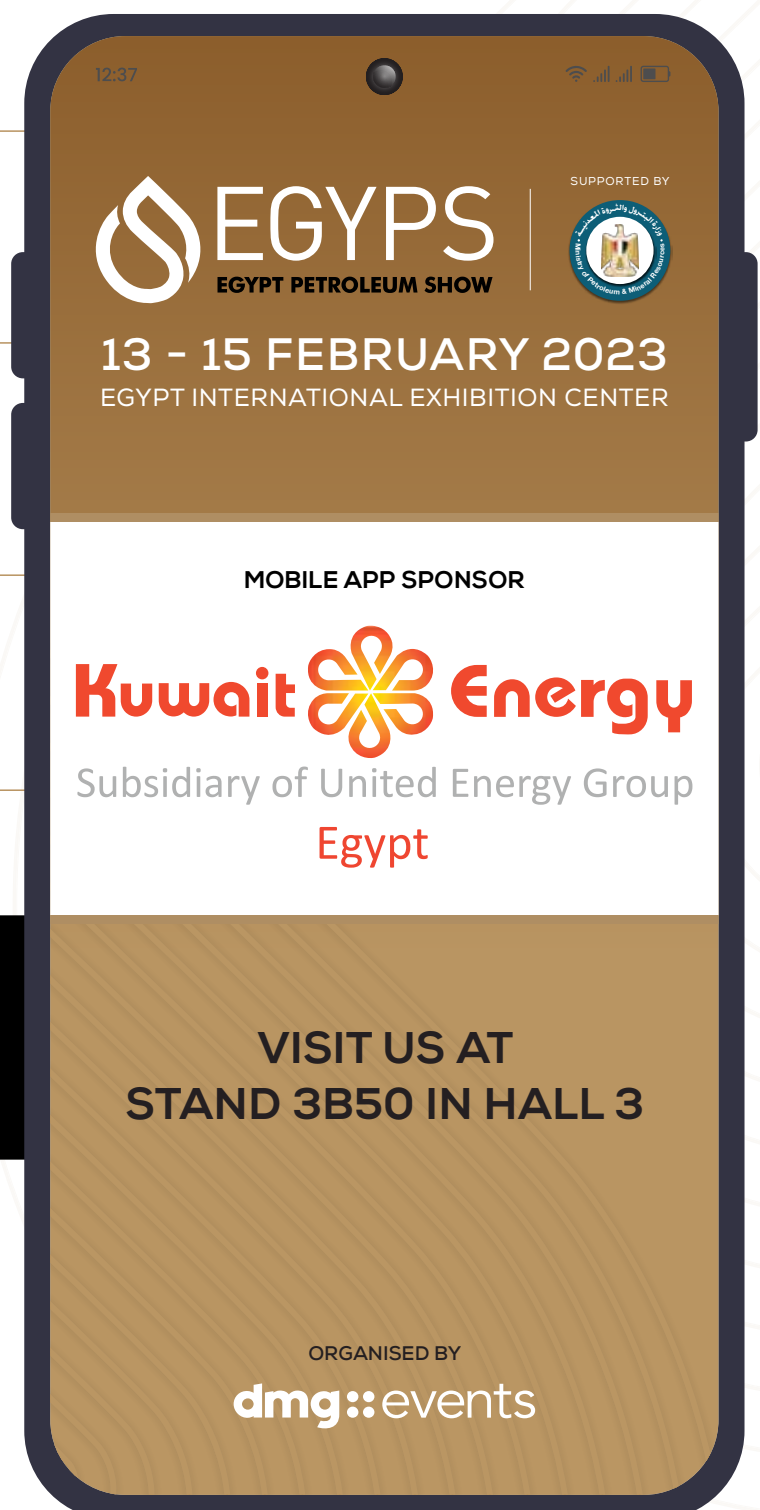
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# EGYPS EVOLVES TO ENCOMPASS THE WIDER ENERGY INDUSTRY BY BECOMING EGYPEES IN 2024

An interview with Salman Abou Hamzeh, Vice President - Energy, Middle East at dmg events



## Can you explain why EGYPS is evolving next year into EGYPEES?

I am very excited to finally announce how we are evolving The Egypt Petroleum Show (EGYPS), which has become North Africa and the Mediterranean's most important oil and gas exhibition, into the Egypt Energy Show (EGYPES) from 2024.

We feel that the more inclusive name of the show from next year reflects the greater scope that EGYPEES will now represent as a broader-spectrum event that covers the wider energy industry.

In the six years since we started EGYPS we have constantly looked to innovate and grow alongside the energy industry and the new brand for the show reflects this.

As EGYPEES, we bring all the strengths and authority that we have created under EGYPS and takes us into the future of energy. We will remain at the heart of the energy conversation and now we can provide a platform for more inclusive conversations around more diverse and future-facing energy solutions.

## Why are you doing this rebrand now?

We felt it was the right time to evolve the overall name that still reflects the continuity with the event's strong past but bring us into a new exciting future that will allow us to continue to have an annual focus on the energy industry and international debate around sustainable climate-conscious oil and gas production, energy transition and the growing commitment to a net-zero future.

We wanted to share the exciting news about where we will be taking the show on the opening day of EGYPS 2023. We have a bright and exciting future head of us and EGYPEES will draw the global energy industry in 2024 and provide a pivotal point for discussions and conversation around working towards a better future for everyone.

## How does the new EGYPEES logo reflect the new spirit of the event?

As well as the new name, EGYPEES, we are also delighted to unveil our new logo which was developed to express the event's more holistic outlook on energy production and delivery, and that of a constantly evolving industry.

The new logo demonstrates how EGYPEES will become a focal point for the wider energy industry and become a gateway to the region and the globe.

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Connecting the maritime community and the global energy industry

##### Smart Manufacturing Zone

Transforming the future of global manufacturing

##### Decarbonisation Zone

Creating decarbonisation strategies for a sustainable future

##### Digitalisation in Energy Zone

Helping technology and energy companies realise the full benefits of digitalisation in energy



### The Conferences

The ADIPEC 2023 conference programmes will provide strategic and technical insights, hosting over 1,500 ministers, global policy makers and energy CEOs. The conferences welcome more than 15,000 delegates, discussing key trends shaping the future of energy, including the challenges and opportunities of the energy transition, geopolitical factors influencing energy markets, new finance and partnership frameworks and the latest technical developments.

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- Hydrogen Strategic Programme
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- Smart Manufacturing Technical Conference
- Maritime & Logistics Conference
- ADIPEC Forum for Diversity, Equity and Inclusion
- Decarbonisation Conference
- Future Leaders Programme
- Downstream Technical Conference

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Energy professionals

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NOCs, IOCs, NECs and IECs

1,500

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Exhibiting companies

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Country pavilions

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# EGYPS DIGITALISATION IN ENERGY

## TOWARDS SMARTER, MORE EFFICIENT ENERGY SYSTEMS

In the recent years, the oil and gas industry in Egypt has faced increasing pressure to adapt and improve operational efficiencies as oil prices continue to fluctuate. Under the country's Modernisation Project, Egypt has been preparing the foundations of a modernised oil and gas sector based on fundamental pillars, including leveraging the enablement of digitalisation to respond to challenges in the market.

Through the exhibition, start-up businesses, SME's and global technology companies will demonstrate and share their oil and gas digital solutions and services.

### SECTORS EXHIBITING

 Artificial Intelligence	 Big Data	 Blockchain Technology	 Cyber Security	 Drilling Automation Equipment	 Drones
 Equipment Sensors	 Integrated Operations Centre	 Machine Learning	 Network Infrastructure	 Robotics	 4D Seismic Images

## DAY 1, MONDAY 13TH FEBRUARY, 2023

11:30 - 12:15	<b>SOL-X Solution</b>	 Stuart Douglas MAGELLAN X PTE. LTD	<b>MAGELLAN X</b> 
14:00 - 14:45	<b>Automated Pressure Transient Analysis (PTA)</b>	 Chris Fair Oilfield Data Services Inc	
15:00 - 15:45	<b>AYMO – Cloud and web based software platform for pipeline integrity management</b>	 Mr. Vedran Prica Feromihin d.o.o.	
16:00 - 16:45	<b>Utilizing Enhanced Reality technology to minimize human errors</b>	 Ahmed Alaa Voovio	

# EGYPS YOUTH ENGAGEMENT PROGRAMME

HEADLINE SPONSOR



ZONE SPONSOR



## CONNECT, ENGAGE, INSPIRE & EMPOWER THE YOUTH OF TODAY!

The 4th edition of EGYPS Youth Engagement Programme continues to provide an on-site learning platform, engaging with high school students within the framework of STEM education, focusing on Science, Technology, Engineering and Mathematics to ultimately encourage them to pursue careers in the energy industry.

### THE FIVE PROGRAMME PILLARS

 FIELD TRIPS	 EXPERIMENTAL AND EDUTAINMENT PROGRAMME	 EXHIBITION TOUR	 YOUTH TALKS	 YOUNG PROFESSIONALS
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# EGYPS YOUNG PROFESSIONALS

HEADLINE SPONSOR




## FOSTERING OUR YOUTH FOR THE NEW REALITY OF ENERGY

The programme brings together the passion and talents of industry students, young professionals and emerging energy leaders for networking and knowledge exchange. Students are offered clear insights into the industry they are about to join through a series of technical and professional skills sessions, networking with companies in the industry, team building and group work, volunteering and field trips.



# SCHEDULE OF CONFERENCES

MONDAY 13 FEBRUARY	STRATEGIC CONFERENCE	10:00 - 10:30 Official Strategic Conference Opening	10:30-11:00 Managing supply and demand in volatile times – supporting global economies and energy security	11:00-12:00 Redrawing the global energy map – fast-tracking delivery and creating new routes to market	13:30 - 14:00 Energy security, sustainability and affordability – navigating today's energy trilemma	14:00 - 14:30 New beginnings – the race to exploiting East Med gas	14:30 - 15:00 The energy transition dialogue – addressing the realities of current converging market dynamics	15:00 - 15:30 Fostering enabling strategies, policies and frameworks – driving energy transition and climate-change actions							
		TUESDAY 14 FEBRUARY	STRATEGIC CONFERENCE	10:30 - 11:15 Global Business Leaders Session Decarbonising the industry – in building a winning downstream portfolio, where do alternatives such as renewable feedstocks sit?	11:15-11:45 <b>FEATURE</b> Fireside chat: African gas	11:45-12:30 Global Business Leaders Session The rise of gas and LNG – the global scramble in a tight market with soaring prices 	13:30 - 14:15 Global Business Leaders Session Pivoting from traditional oil and gas operations to new generation energy solutions – driving change through tough asset portfolio choices	14:15 - 14:45 <b>FEATURE</b> Fireside chat: East Med gas	14:45 - 15:30 Global Business Leaders Session Decarbonising oil and gas sustainably – breaking down barriers through investment, innovation and technology	15:30 - 16:15 Ministerial Interview Collaboration, stability, prosperity, sustainability and transition – Egypt, a country transforming at speed					
				TUESDAY 14 FEBRUARY	SUSTAINABILITY IN ENERGY CONFERENCE & AWARDS	10:00 - 10:15 <b>Ministerial keynote speech</b> Egypt's commitment to sustainability as part of Vision 2030	10:15 - 10:30 <b>Keynote speech</b> Driving sustainable performance in challenging market conditions	10:30 - 11:15 <b>Panel discussion</b> Streamlining operations to tackle climate change and net-zero target	11:15 - 12:00 <b>Panel discussion</b> Digitalisation as an enabler of decarbonisation <b>HALLIBURTON</b>	12:00 - 12:45 <b>Panel discussion</b> Demonstrating ESG credentials to drive sustainability and growth	13:45 - 14:30 <b>Panel discussion</b> Building partnerships to drive CSR progress in North Africa and the East Mediterranean	14:30 - 15:15 <b>Panel discussion</b> Scaling R&D to unlock technology and enhance industry safety	15:15 - 16:00 <b>Panel discussion</b> Advancing the oil and gas safety culture		
						WEDNESDAY 15 FEBRUARY	FINANCE & INVESTMENT IN ENERGY CONFERENCE	10:00 - 10:15 <b>Ministerial Keynote Speech</b> Transforming Egypt into a regional energy trading hub	10:15 - 11:00 <b>Panel discussion</b> Capitalising on investment opportunities in North Africa and the East Mediterranean	11:00 - 11:45 <b>Panel discussion</b> Solving Europe's gas supply in the short and long term through targeted investments	11:45-12:30 <b>Panel discussion</b> Accelerating decarbonisation and energy security through public private partnerships	13:30 - 14:15 <b>Panel discussion</b> Overcoming the market impacts of ESG investment constraints	14:15 - 15:00 <b>Panel discussion</b> Africa Focus: The role of natural gas to drive economic growth and reduce energy poverty	15:00 - 15:45 <b>Panel discussion</b> Financing the energy transition	15:45-16:30 <b>Panel discussion</b> The evolving role of a CFO as a catalyst for digital transformation
								WEDNESDAY 15 FEBRUARY	EQUALITY IN ENERGY CONFERENCE & AWARDS	10:00 - 10:15 Keynote address Reinventing the workplace and workforce of the future	10:15 - 11:00 Panel discussion Building a net zero-ready workforce	11:00 - 11:45 Panel discussion Harnessing the power of change management for an agile culture	11:45 - 12:30 Panel discussion Attracting Millennials and Gen Z into the energy sector	13:30 - 14:30 Lighting talks and audience Q&A • The digital future: closing the skills gap • Managing the unconscious bias in pay and promotion • Creating an equitable, diverse and inclusive culture	14:30 - 15:15 Panel discussion Gender equality and the role of women in the clean energy transition

# TECHNICAL SESSIONS

## 19 TECHNICAL CATEGORIES

Upstream: Exploration of Conventional Resources (CONV)	Upstream: Exploration of Unconventional Resources (UNCONV)	Geoscience: Upstream Technology Developments (GEOT)	Oil and Gas Field Development (FD)	Drilling (DR)
Completions (COMPL)	Gas/LNG Processing, Transportation, Operations and Technology (GAS)	Midstream: Transportation, Storage and Infrastructure (MID)	Offshore and Marine Technology and Operations (MAR)	Oil and Gas Economics, Concession Agreements and Project Finance (FIN)
Project Management and Execution (PM)	Operational Excellence (OpEx)	Health, Safety (HS)	Environmental Sustainability, Climate Change and Energy Transition (ENV)	Downstream: Refining Technology, Operations and Marketing (REF)
Downstream: Petrochemicals Technology and Operations (PET)	Biofuels, Alternative Fuels and Renewable Energy (BIO)	Digitalisation of Oil and Gas (DIGI)	People and Talent Development (PPL)	

	ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5
<b>MONDAY 13 FEBRUARY</b>	<b>Time</b> <b>11:30-13:00</b> <b>CATEGORY: HS SESSION 1:</b> Digital tools to improve health and safety	<b>CATEGORY: PM SESSION 2</b> Tackling project execution challenges	<b>CATEGORY: PPL SESSION 3</b> People and talent management	<b>CATEGORY: FIN SESSION 4</b> Energy economics and business development	<b>CATEGORY: ENV SESSION 5</b> Decarbonisation and energy transition
	<b>14:30-16:00</b> <b>CATEGORY: HS SESSION 6</b> Embracing the health and safety culture	<b>CATEGORY: PM SESSION 7</b> Innovation in project management	<b>CATEGORY: PPL SESSION 8</b> Talent acquisition strategies	<b>CATEGORY: GEOT SESSION 9</b> Upstream geoscience technology unlocks new potential	<b>CATEGORY: ENV SESSION 10</b> Reducing carbon footprint and greenhouse emissions
<b>TUESDAY 14 FEBRUARY</b>	<b>Time</b> <b>10:00-11:30</b> <b>CATEGORY: PET SESSION 11</b> Towards a sustainable petrochemical industry	<b>CATEGORY: MAR SESSION 12</b> New offshore technologies resolving operational challenges	<b>CATEGORY: DR SESSION 13</b> Wellbore stability and fluids innovation	<b>CATEGORY: UNCONV SESSION 14</b> Integrating subsurface data to unlock unconventional resources	<b>CATEGORY: BIO SESSION 15</b> Renewable energy: technology, operations, integration with existing facilities
	<b>11:30-13:00</b> <b>CATEGORY: REF SESSION 16</b> Refining developments and advancements	<b>CATEGORY: MID SESSION 17</b> Transportation, storage and infrastructure for midstream operations	<b>CATEGORY: DR SESSION 18</b> Drilling challenges and optimisation	<b>CATEGORY: UNCONV SESSION 19</b> Tapping into productivity enhancement in unconventional resources	<b>CATEGORY: BIO SESSION 20</b> Green ammonia and hydrogen production and usage
	<b>14:00-15:30</b> <b>CATEGORY: REF SESSION 21</b> Refining innovation and profitability	<b>CATEGORY: GAS SESSION 22</b> Operational solutions for Gas/LNG processing	<b>CATEGORY: COMPL SESSION 23</b> Production optimisation through smart completion and intervention solutions	<b>CATEGORY: FD SESSION 24</b> Enhanced oil recovery (EOR)	<b>CATEGORY: BIO SESSION 25</b> Latest developments in green hydrogen
	<b>15:30-17:00</b> <b>CATEGORY: DIGI SESSION 26</b> Advanced digital transformation Initiatives	<b>CATEGORY: GAS SESSION 27</b> Gas /LNG new initiatives	<b>CATEGORY: COMPL SESSION 28</b> Reservoir productivity enhancement utilising innovative and stimulation technologies	<b>CATEGORY: FD SESSION 29</b> Reservoir monitoring and surveillance	<b>CATEGORY: BIO SESSION 30</b> Biofuels technology, production and usage
<b>WEDNESDAY 15 FEBRUARY</b>	<b>Time</b> <b>10:00-11:30</b> <b>CATEGORY: DIGI SESSION 31</b> Data science, predictive analytics and artificial intelligence	<b>CATEGORY: OPEX SESSION 32</b> Cost optimisation and asset integrity	<b>CATEGORY: CONV SESSION 33</b> Innovation in prospect evaluation	<b>CATEGORY: FD SESSION 34</b> Unlocking the potential of mature fields	<b>CATEGORY: ENV SESSION 35</b> Carbon capture, utilisation and storage (CCUS)
	<b>11:30-13:00</b> <b>CATEGORY: DIGI SESSION 36</b> Cyber security, safety and augmented reality	<b>CATEGORY: OPEX SESSION 37</b> Maintenance and asset integrity	<b>CATEGORY: CONV SESSION 38</b> Rock physics insights	<b>CATEGORY: FD SESSION 39</b> Production optimisation and enhancement	<b>CATEGORY: ENV SESSION 40</b> Circular economy case studies
	<b>14:00-15:30</b> <b>CATEGORY: DIGI SESSION 41</b> Digital twins and IoT	<b>CATEGORY: OPEX SESSION 42</b> Intelligent solutions and the role of technology to achieve operational excellence	<b>CATEGORY: CONV SESSION 43</b> Addressing reservoir characterisation challenges	<b>CATEGORY: FD SESSION 44</b> Integrated reservoir case studies	<b>CATEGORY: ENV SESSION 45</b> Technology to enable environmental sustainability

# ABOUT THE STRATEGIC CONFERENCE

With the extent of current geopolitical tensions and unprecedented sanctions in place against the world's largest exporter of natural gas, it's no longer just energy transition and the climate debate setting the industry's pace of change. Globally, both powerhouse and emerging economies are feeling the consequences with inflation and recession risks at an all-time high. This has however not stopped but escalated the speed and need for transitioning to a new global energy system, one that combats climate change and reduces reliance on single energy sources.

As the industry moves from climate commitments to actions and continues efforts to decarbonise its oil and gas operations, the reshaping of markets, driven by new geographical supply and demand dynamics, continues at pace.


















































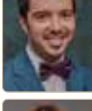




It is without doubt, that the global energy landscape must continue to evolve. Companies must embrace and reinvent their business models. Tough choices on how, where and what they focus upon must be made. Fair and equitable



# EGYPS STRATEGIC CONFERENCE

energy must be made available for all. Access to both hydrocarbon and clean energy investment and funding must be a priority globally. Technology deployment and transfer, infrastructure and capacity building must not be left behind. The much-needed multi-generational workforce skills and talents must be retained and attracted. Last but not least, transparent and action-oriented leaders and management teams must manage through the new realities of a forever changed global energy landscape.

## INDUSTRY LEADERS AT EGYPS 2023

 His Excellency Tarek El Molla Minister of Petroleum and Mineral Resources Arab Republic of Egypt	 Kadri Simson Commissioner for Energy European Union	 Her Excellency Amani Abou-Zeid Commissioner for Infrastructure and Energy African Union Commission	 His Excellency Zafer Mlihem Chairman Palestinian Energy & Natural Resources Authority
 His Excellency Dr Saeed Suleiman Barakat Al Shamasi Minister of Oil and Minerals Yemen	 His Excellency Walid Fayad Minister of Energy and Water Lebanon	 Her Excellency Dóra Zombori Deputy State Secretary for Energy Security Hungary	 Cheikh Niane Secretary General and Vice Minister Ministry of Petroleum and Energies Senegal
 Jerreh Barrow Director General Petroleum Commissioner Ministry of Petroleum and Energy The Gambia	 Moustapha Bechir Director General of Hydrocarbons, Ministry of Petroleum, Mines and Energy Mauritania	 Mostafa Warfo Head of Hydrocarbons Activities, Ministry of Energy Transition and Sustainability Morocco	 His Excellency Haitham Al Ghais Secretary General Organization of the Petroleum Exporting Countries (OPEC)
 Nasser Kamel Secretary General Union for the Mediterranean (UfM)	 His Excellency Osama Mobarez Secretary General East Mediterranean Gas Forum (EMGF)	 Joseph McMonigle Secretary General International Energy Forum (IEF)	 Dr Omar Farouk Ibrahim Secretary General African Petroleum Producers' Organization (APPO)
 Milton Catelin Secretary General International Gas Union (IGU)	 Dr Houda Ben Jannet Allal General Director Observatoire Méditerranéen de l'Energie (OME)	 Bernard Looney CEO bp	 John Christmann Chief Executive Officer and President Apache Corporation
 Lorenzo Simonelli Chairman and CEO Baker Hughes	 Mario Mehren CEO Wintershall Dea	 Jean Sentenac President and CEO Axens	 Mansoor Mohamed Al Hamed CEO Mubadala Energy
 Antonio Pietri President & CEO AspenTech	 Maria Rita Galli CEO DESFA	 Dr Eng Magdy Galal Chairman Egyptian Natural Gas Holding Company (EGAS)	 Alessandro Puliti CEO Saipem
 Mathios Rigas CEO Energean	 Rich Sumner CEO Methanex Corporation	 Dr Patrick Allman-Ward CEO Dana Gas	 Ibrahim Abdelqader Mekki Mahgoub President and Chairman Egyptian Petrochemicals Holding Company (ECHM)
 Alessandro Bernini CEO and Chief Operating Officer Maire Tecnimont Group	 Yossi Abu CEO NewMed Energy	 Andreas Shiamishis CEO HELLENIO ENERGY	 Dr Cord Landsmann CEO thyssenkrupp Uhde
 Khaled Abubakr Executive Chairman TAQA Arabia	 Sherif Foda Chairman of the Board & CEO NESR - National Energy Services Reunited	 Iman Hill CEO International Association of Oil & Gas Producers (IOGP)	 Song Yu Executive President, UEG and CEO, Kuwait Energy
 Marco Villa Chief Operating Officer Technip Energies	 Clay Neff President Chevron International Exploration & Production	 Paul Marsden President Energy Bechtel	 Jean-Philippe Torres Senior Vice-President Africa TotalEnergies
 Anja Isabel Dotzenrath Executive Vice President Gas and Low Carbon Energy bp	 Cederic Cremers Executive Vice President LNG Shell	 John Ardill Vice President Global Exploration ExxonMobil	 Luca Vignati Upstream Director eni
 Rashid Abdallah Executive Director African Energy Commission (AFREC)	 Mickaël Vogel Director & Head of Research Hawiti	 Aida Araissi CEO Bilateral US Arab Chamber of Commerce	 John Defterios Former Emerging Markets Editor, CNN Professor of Business, NYU Abu Dhabi
 Eithne Treanor Presenter EGYPS 2023	 Lubna Bouza Editor in Chief Sky News Arabia		



# CONFERENCE AGENDA

Monday 13 February 2023

**10:00 - 10:30** Official Strategic Conference Opening

**10:30-11:00** Managing supply and demand in volatile times – supporting global economies and energy security

 His Excellency <b>Tarek El Molla</b> Minister of Petroleum and Mineral Resources Arab Republic of Egypt	 <b>Kadri Simson</b> Commissioner for Energy European Union	 Her Excellency <b>Amani Abou-Zeid</b> Commissioner for Infrastructure and Energy African Union Commission	 Moderator <b>John Defterios</b> Former Emerging Markets Editor, CNN Professor of Business NYU Abu Dhabi
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**11:00-12:00** Redrawing the global energy map – fast-tracking delivery and creating new routes to market

 <b>Bernard Looney</b> CEO bp	 <b>John Christmann</b> Chief Executive Officer and President Apache Corporation	 <b>Mario Mehren</b> CEO Wintershall Dea	 <b>Mansoor Mohamed Al Hamed</b> CEO Mubadala Energy	 <b>Lorenzo Simonelli</b> Chairman and CEO Baker Hughes
 <b>Antonio Pietri</b> President & CEO AspenTech	 Moderator <b>Lubna Bouza</b> Editor in Chief Sky News Arabia			







**13:30-14:00** Energy security, sustainability and affordability – navigating today's energy trilemma

 His Excellency <b>Tarek El Molla</b> Minister of Petroleum and Mineral Resources Arab Republic of Egypt	 His Excellency <b>Zafer Milhem</b> Chairman Palestinian Energy & Natural Resources Authority	 His Excellency <b>Dr Saeed Suleiman</b> Barakat Al Shamasi Minister of Oil and Minerals Yemen	 Moderator <b>John Defterios</b> Former Emerging Markets Editor, CNN Professor of Business NYU Abu Dhabi
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**14:00-14:30** New beginnings – the race to exploiting East Med gas

 His Excellency <b>Tarek El Molla</b> Minister of Petroleum and Mineral Resources Arab Republic of Egypt	 His Excellency <b>Walid Fayad</b> Minister of Energy and Water Lebanon	 His Excellency <b>Osama Mobarez</b> Secretary General East Mediterranean Gas Forum (EMGF)	 <b>Nasser Kamel</b> Secretary General Union for the Mediterranean (UfM)	 Moderator <b>John Defterios</b> Former Emerging Markets Editor, CNN Professor of Business NYU Abu Dhabi
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**14:30-15:00** The energy transition dialogue – addressing the realities of current converging market dynamics

 Her Excellency <b>Dóra Zombori</b> Deputy State Secretary for Energy Security Hungary	 <b>Cheikh Niane</b> Secretary General and Vice Minister Ministry of Petroleum and Energies Senegal	 <b>Jerreh Barrow</b> Director General Petroleum Commissioner Ministry of Petroleum and Energy The Gambia	 <b>Moustapha Bechir</b> Director General of Hydrocarbons, Ministry of Petroleum, Mines and Energy Mauritania	 <b>Mostafa Warfo</b> Head of Hydrocarbons Activities, Ministry of Energy Transition and Sustainability Morocco
 Moderator <b>Eithne Treanor</b> Presenter EGYPS 2023				

**15:00-15:30** Fostering enabling strategies, policies and frameworks – driving energy transition and climate-change actions

 His Excellency <b>Haitham Al Ghais</b> Secretary General Organization of the Petroleum Exporting Countries (OPEC)	 <b>Dr Omar Farouk Ibrahim</b> Secretary General African Petroleum Producers' Organization (APPO)	 <b>Joseph McMonigle</b> Secretary General International Energy Forum (IEF)	 <b>Dr Houda Ben Jannet Allal</b> General Director Observatoire Méditerranéen de l'Énergie (OME)	 Moderator <b>Eithne Treanor</b> Presenter EGYPS 2023
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# DRIVING ENERGY INNOVATION

## An interview with Sherif Bayoumy, SLB's Managing Director for Egypt, Sudan and the East Mediterranean region

**We understand that Schlumberger rebranded itself as "SLB". Could you elaborate on how this demonstrates its commitment to climate action?**

We are a global technology company driving energy innovation for a balanced planet. Three years ago, we set out on a strategy to provide reliable, secure, and accessible energy to meet growing demand, while rapidly decarbonizing for a sustainable future. This rebrand reflects the progress we have made in that journey and symbolizes our ambitions for the future.

Our brand articulates our commitment to supporting the energy transition, accelerating decarbonization, and the role we're playing in developing new energy technologies. We have been working with our customers and partners for years to make their operations more sustainable.

We have the best expertise, scale, and technology to deliver a balanced energy system and decarbonized world.

**Please explain your company's overall business strategy in Egypt.**

Our strategy is to create a lower-carbon energy future through our three engines of growth: Core, Digital, and New Energy.

Oil and gas-focused technology services is the most significant part of our business and will remain so. This vital part of our business is also where we can have our most significant impact with technologies that monitor, reduce and capture emissions. Our innovations and partnerships in the cloud, AI, machine learning, data management, and more are helping customers in oil and gas and beyond drive performance and become more efficient and sustainable.

In Egypt, we are focusing on key projects such as the Gulf of Suez MultiClient acquisition and data processing, brownfield development, and gas acceleration projects, in addition to being the partner of choice for all deepwater operators via new technology introductions and delivering superior performance. In parallel, as part of our commitment to decarbonizing the Oil & Gas industry, we are performing screening & assessment of different CCS sites with encouraging results.

**What do you expect to achieve in EGYPS 2023?**

EGYPS 2023 is an excellent opportunity to bring together energy industry leaders; our experts are gathering to Egypt to showcase our expertise under different themes such as brownfields development, gas acceleration, delivering digital at scale, decarbonizing the industry, scaling new energy systems and artificial intelligence & analytics.

**How do you plan to achieve your decarbonization targets?**

We are determined to ensure that we meet our commitments and support our customers in achieving theirs.

We have committed to a 2050 net zero target and since 2019 we've already reduced our carbon equivalent emissions globally by over a third. We are also clearly aware of external events that have

a material bearing on the global drive towards net zero.

We work with companies in many sectors; as an example, we are working with some of the best-known technology companies in the world and using our digital expertise to help the tech sector and its customers decarbonize.

Our broad and varied technology delivers tangible improvements across our customers' operations. For example, our hydrogen fuel cells provide clean fuel to power rigs and other infrastructures; our sensors and other digital tools detect fugitive gas from decommissioned wells; and our Schlumberger End-to-end Emissions Solutions (SEES) business helps customers eliminate emissions from methane and routine flaring.

On the other hand, the energy transition has been underway for some time. We have been at the forefront of the transition, working with our customers and partners to put in place the technology and systems that support their decarbonization goals, whilst also advancing to meet our own targets. But the world will continue to require oil and gas as part of an energy mix that delivers reliable, accessible supplies for people everywhere - the role we want to play is in decarbonizing our own operations as well as our customers'.

**5. Since its establishment, how did the Egypt Exploration Gateway (EUG) help accelerate research and exploration activities?**

In 2016, the Ministry of Petroleum and Mineral resources adopted an ambitious plan to modernise the petroleum sector in Egypt. In line with this plan, the Egyptian General Petroleum Corporation (EGPC), an entity working under the umbrella of the MOP, took a bold action to establish a world-class National Data Repository (NDR) for Egypt to preserve, maximise value, develop and promote the country's natural resources data, particularly data related to the petroleum Exploration and Production (E&P) sector now known as Egypt's Upstream Gateway (EUG).

The EUG Project went live in August 2020 in the middle of the COVID pandemic. The EUG team worked tirelessly to load the Egypt's data and prepare for the industry's first fully digital bid round in multiple areas across Egypt's Western Desert, Gulf of Suez, Nile Delta, and Mediterranean Sea region. This bid round was one of the few exploration bid rounds held worldwide during COVID 19 travel restrictions. Despite tough economic conditions and travel restrictions, the first fully digital bid resulted in seven international companies awarded exploration and production licenses for eight oil and gas concessions, with a minimum investment value of \$250m.

Having EUG in operation enhanced prospects of petroleum exploration and facilitated the simplified bid round participation for investment attraction. EUG portal provides digital and rapid access to basic information on the proposed bid and its regions, technical data for each region, seismic survey and well data, in addition to the basic terms and conditions, the agreement form, and the procedures for participation in the bid for operators worldwide.



By establishing EUG, Egypt not only joined the countries that have NDR centres but also took a step further by using this data to effectively design bid rounds and promote acreage in local and global markets.

To help accelerate research and exploration activities, EUG undertook a massive regional scale merges, studies, and evergreen projects (>20,000 SQKM in Mediterranean, Western Desert & Nile Delta). It provided a seamless regional geological insight, allowed to identification of new potential prospects and area of interest. This data and insights were used to prepare for the bid round and will help operators shorten exploration cycle by utilising ready to go data off the shelf.

EUG team continues to use the latest technology and workflows by exploring new models of evergreening legacy data to bring as much value from such existing legacy geophysical data to address current E&P subsurface challenges and renovate the existing assets for further exploration or development process.

**How do you see the future of CCUS in Egypt? "how confident we can feel about the future growth of the CCUS industry?"**

Today, we are much more comfortable saying the CCUS industry will scale up for a number of reasons.

in 2021, we've seen a record number of CCUS projects being announced—more than twice as much as the previous record in 2008, which I think is going to be a major enabler to the scaling of CCUS, and technology will play a key component in derisking future CCUS projects.

We'll see the emergence of an unusual kind of consortium. Companies and technologies together with private equities, midstream companies, oil and gas companies, and the emitters coming together to make those ventures happen. These are complex business models. They will require people who were not used to collaborate effectively to work together, and we want to play a role as well to enable those projects by bringing a set of technologies in the equation.

The CCUS industry needs a bold approach—a technology proven approach. We tackle these challenges with a suite of innovative technologies and technical expertise along with digital capabilities

for geological interpretation, simulations and monitoring, and investment in new technology development to answer the specific challenges of CO2 capture.

We validate each aspect of a CCUS project for economic feasibility and long-term reliability and partner with CCUS players to develop the solutions needed for our global net zero ambition.

We are ready to apply proven technologies and leverage the expertise needed to design CCUS solutions for different industrial sectors. And we are ready to forge new collaborations to accelerate and scale up the industry landscape of CCUS.

In Egypt, SLB as part of EUG commitment to decarbonizing the Oil & Gas industry in collaboration with EGAS/EGPC/Aberdeen University and with industry support is performing the 1st CCS screening project offshore Nile Delta. We have already completed the first phase of the project with encouraging results and are currently working on the second phase.

Additionally, SLB has another ongoing screening & assessment of CCS sites in the Western Desert depleted reservoirs for EOR / aquifer reservoirs for CO2 storage.

“EGYPS 2023 is an excellent opportunity to bring together energy industry leaders; our experts are gathering to Egypt to showcase our expertise under different themes such as brownfields development, gas acceleration, delivering digital at scale, decarbonizing the industry, scaling new energy systems and artificial intelligence & analytics.”



STAND NO: 3C50 HALL 3

# dmg events

## CONNECTING THE GLOBAL ENERGY COMMUNITY



28 February –  
2 March 2023



25 – 27 April 2023



World Utilities  
Congress

8 – 10 May 2023



HYDROGEN | LNG | GAS  
ASIA PACIFIC  
ENERGY SUMMIT  
PATHWAY TO NET-ZERO

9 – 11 May 2023



CANADA GAS & LNG  
EXHIBITION & CONFERENCE

9 – 11 May 2023



17 – 19 May 2023



17 – 19 May 2023



30 – 1 June 2023



13 – 15 June 2023



14 – 16 June 2023



2 – 6 July 2023



5 - 8 September 2023



5 - 8 September 2023



5 - 8 September 2023



12 – 14 September 2023



20 – 21 September 2023



26 – 28 September 2023



27 – 28 September 2023



أديبك  
ADIPEC

2 – 5 October 2023



2 – 5 October 2023



2 – 5 October 2023



2 – 5 October 2023



2 – 5 October 2023



AMERICAS ENERGY  
SUMMIT & EXHIBITION  
LNG | GAS | HYDROGEN | CCUS

31 October  
– 3 November 2023



the  
World LNG  
Summit & Awards

28 November -  
1 December 2023



4 – 7 December 2023



PLASTEX

9 – 12 January 2024



EGYPES  
EGYPT ENERGY SHOW

12 – 14 February 2024



ISA Calgary Show

April 2024



24 – 26 September 2024

# EGYPS TECHNICAL CONFERENCE

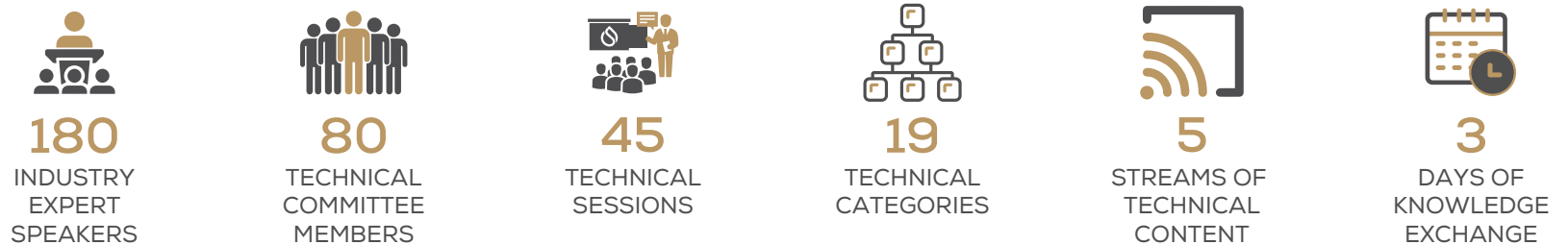
Monday 13 - Wednesday 15 February 2023

The EGYPS 2023 Technical Conference brings together global oil, gas and energy professionals to showcase the latest technical opportunities and challenges, breakthrough research findings, innovative technologies and industry solutions, creating an excellent learning and networking hub for the industry's technical experts.




















Spanning the entire oil, gas and energy value chain, the Technical Conference has been created from a global industry wide call for papers campaign featuring 19 technical categories and a thorough two-stage Technical Committee review, comprising over 80 industry specialists.

In 2023, the technical programme features over 180 experts speaking at 45 sessions. Across 3 days, our international and regional technical expert speakers will share their wealth of experience and knowledge.

## CONFERENCE IN NUMBERS



## 45 TECHNICAL SESSIONS ACROSS 19 TECHNICAL CATEGORIES

 Upstream: Exploration of Conventional Resources (CONV)	 Upstream: Exploration of Unconventional Resources (UNCONV)	 Geoscience: Upstream Technology Developments (GEOT)	 Oil and Gas Field Development (FD)	 Drilling (DR)
 Completions (COMPL)	 Gas/LNG Processing, Transportation, Operations and Technology (GAS)	 Midstream: Transportation, Storage and Infrastructure (MID)	 Offshore and Marine Technology and Operations (MAR)	 Oil and Gas Economics, Concession Agreements and Project Finance (FIN)
 Project Management and Execution (PM)	 Operational Excellence (OpEx)	 Health & Safety (HS)	 Environmental Sustainability, Climate Change and Energy Transition (ENV)	 Downstream: Refining Technology, Operations and Marketing (REF)
 Downstream: Petrochemicals Technology and Operations (PET)	 Hydrogen, Biofuels, Alternative Fuels and Renewable Energy (BIO)	 Digitalisation of Oil and Gas (DIGI)	 People and Talent Development (PPL)	

## TECHNICAL CONFERENCE CHAIRMAN



“ Innovation in technology, investment in research and agility to scale-up and deploy technical solutions remain crucial to industry transformation. At EGYPS 2023, the Technical Conference will drive critical conversations around the future of oil, gas and energy, providing technical enrichment for engineers, technical experts and digital champions. ”

**Dr Samir Elkareish**  
Vice Chairman, Energy Transition  
Egyptian Natural Gas Holding Company (EGAS)

The ExxonMobil logo is positioned in the top right corner of the image. It consists of the word "Exxon" in a white, sans-serif font, followed by "Mobil" in a similar font, with a red and blue checkered emblem integrated between the two words. The background of the entire image is a photograph of an offshore oil rig at sea, with a large yellow crane in the foreground and another rig visible in the distance under a blue sky with light clouds.

ExxonMobil

**Bringing ExxonMobil  
upstream expertise to Egypt**

# EGYPS AN OPPORTUNITY TO SHOWCASE ACHIEVEMENTS AND AMBITIONS

An interview with Mathios Rigas, Energean CEO

## What role can natural gas have in the energy transition?

Natural gas is the catalyst for and foundation of a just transition, displacing coal and fuel oil / diesel-powered energy during the period when the globe will continue to ramp up its renewable energy capabilities. Gas' inherent efficiency and flexibility means that it can complement intermittent renewable energy.

Gas also plays a role in providing affordable and reliable energy; large parts of the globe do not yet have universal access to energy and the conflict in Ukraine has reminds us all of the importance of energy security.

Natural gas drives a diverse industrial base that employs millions of people, in addition to the obvious domestic uses; it will take decades to replace this infrastructure with renewable power - if ever due to the inherently more effective and efficient nature of molecular energy.

## How can the Mediterranean gas reserves help to alleviate the energy crisis in Europe?

We believe that the East Med gas reserves should be developed firstly for local markets before talking about exports to Europe, but there is certainly the potential for exports to Europe. LNG cargoes are already going from Egypt to Europe so these

“ Egypt remains key to Energean and we continue to invest for growth. ”



could be increased - if there are more discoveries in the region and the gas can be transported. More exploration activity would be required in the region in order to make it a stable supplier for Europe given the Mediterranean region's own growing demand.

However, to overcome Europe's energy crisis, governments must rethink their

“ We believe that the East Med gas reserves should be developed firstly for local markets before talking about exports to Europe, but there is certainly the potential for exports to Europe. ”

approach to energy system policy and regulation and look beyond the usual 5-year horizon to plan for decades. The industry and policymakers need to work together to encourage gas exploration, production and infrastructure development across the world. Before the industry will invest the significant sums needed to explore, develop, produce, and transport the natural gas being demanded it must be given the confidence that there is a long-term 'security of demand'.

## What progress has Energean made in achieving net zero emissions?

Energean is proud to have been, in 2019, the first company in its space to set a net zero target. Since then, we have made considerable progress and have reduced carbon emissions to 7-8kgCO<sub>2</sub>e/boe - which is about half the average for the industry.

We have done this by utilising renewable power on many of our platforms, increasing gas production and through general asset optimisation.

The next steps to keep us on track to net zero include exploring the use of nature-based solutions and potentially developing a carbon capture and storage project at our operations in Greece.

Our efforts have been recognised by the independent ESG rating organisations and most recently the Carbon Disclosure Programme increased our rating from B to A-, which is well above the C rating average for the industry. MSCI gave us a AA rating for the second year running.

## How do you see the effects of the COP27 outcomes on your activities as a gas-producing company?

The conference recognised the role of gas a transitional fuel which of course we welcome and endorse.

It also recommitted to The Global Methane Pledge that was launched at COP26, committing countries to reduce methane emissions by at least 30% by 2030. This is already leading to efforts to reduce flaring, leakages etc in order to minimise emissions from existing infrastructure. This is something all responsible operators should support.

## What are the next Energean investment plans in Egypt?

Egypt remains key to Energean and we continue to invest for growth. The NEA/NI project is on track to deliver first gas in 1H; the first well has just completed drilling and three others will come onstream during 2023 adding production of 15-20 kboed - mostly gas. We also expect to participate in an exploration well during 2023 targeting the Orion prospect offshore Egypt. In total, we expect to invest US\$140 - 150 million in Egypt in 2023.

## What will EGYPS 2023 add to Energean and what is the company looking forward to during the exhibition?

EGYPS is a great event, one of the best we attend anywhere. It's an opportunity to showcase our achievements and ambitions in the country to partners, employees and of course the local communities that host our operations

“ Natural gas is the catalyst for and foundation of a just transition, displacing coal and fuel oil / diesel-powered energy during the period when the globe will continue to ramp up its renewable energy capabilities.. ”



STAND NO: 2C60 HALL 2

# 2023 VENUE MAP

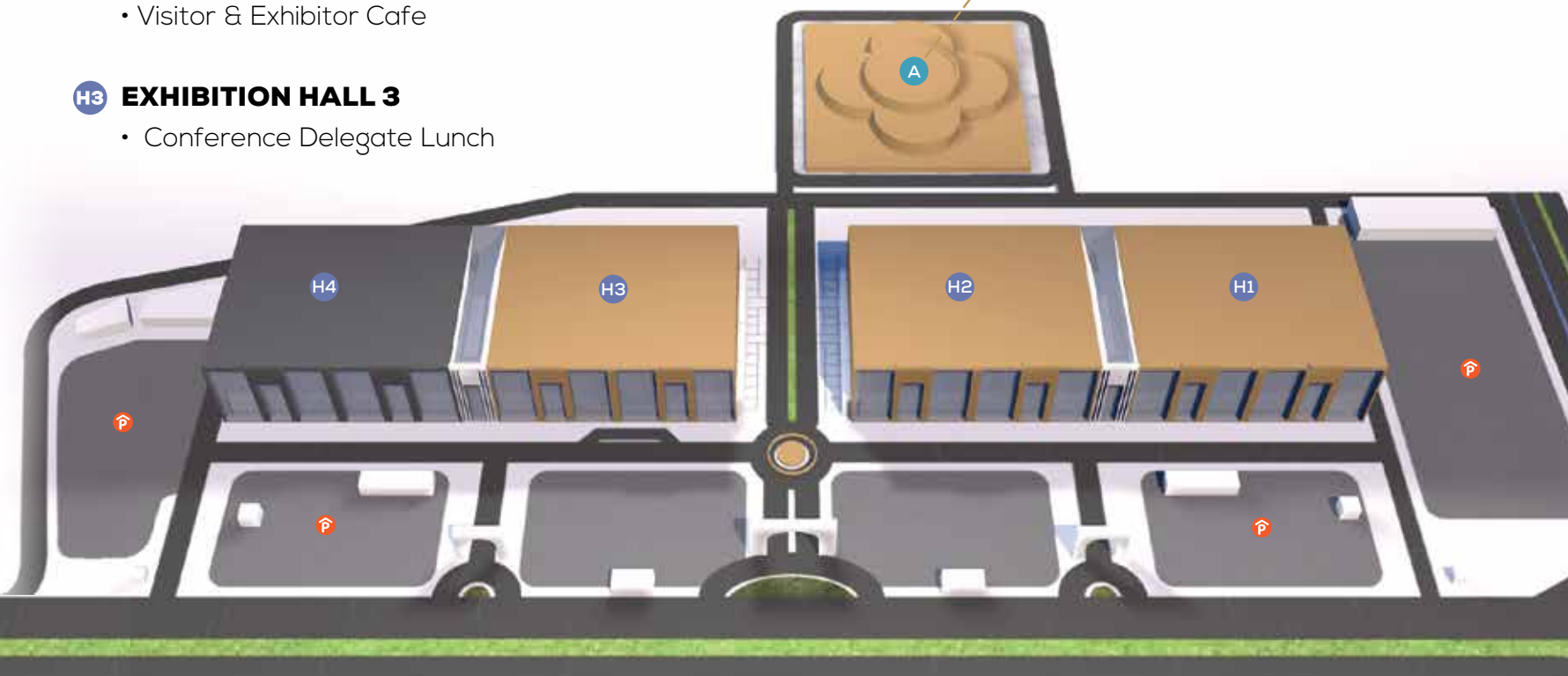
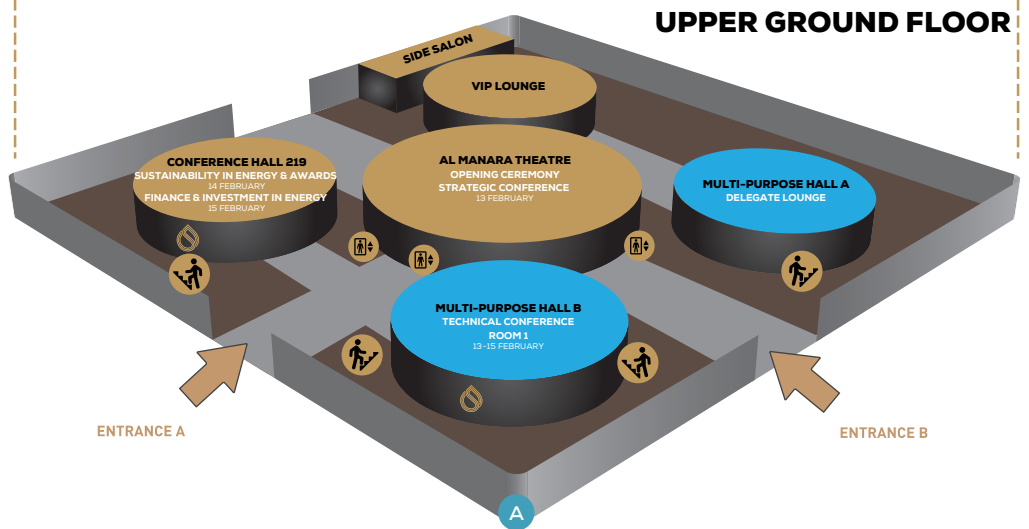
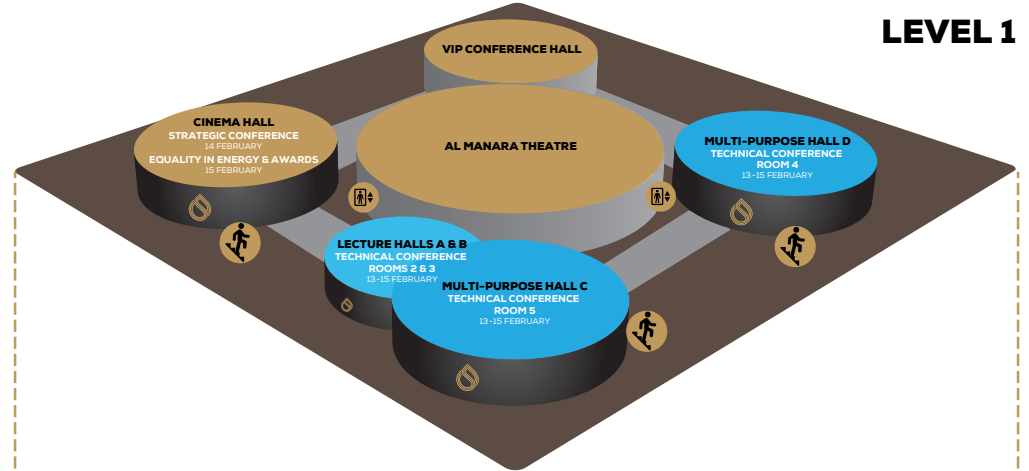


**VENUE LOCATION:**  
Egypt International Exhibition Center  
New Cairo, 5th settlement  
El Moshir Tantawy Axis  
Cairo Governorate

- A AL MANARA**
- EGYPS Opening Ceremony
  - Strategic Conference
  - Technical Conference
  - Sustainability in Energy Conference & Awards
  - Finance & Investment in Energy Conference
  - Equality in Energy Conference & Awards
  - Conference Delegate Lounge

- H1 EXHIBITION HALL 1**
- Youth Engagement Programme
  - Young Professionals Programme
  - EGYPS Energy Club
  - Digitalisation in Energy Zone
  - Media Centre
  - Visitor & Exhibitor Cafe

- H3 EXHIBITION HALL 3**
- Conference Delegate Lunch



# DON'T MISS TOMORROW'S SESSIONS

## STRATEGIC CONFERENCE AGENDA

10:30 - 11:15

Decarbonising the industry – in building a winning downstream portfolio, where do alternatives such as renewable feedstocks sit?



**Jean Sentenac**  
President and CEO  
Axens



**Rich Sumner**  
CEO  
Methanex Corporation



**Andreas Shiamishis**  
CEO  
HELLENIQ ENERGY



**Ibrahim Abdelqader Mekki Mahgoub**  
President and Chairman  
Egyptian Petrochemicals Holding Company (ECHEM)



**Jean-Philippe Torres**  
Senior Vice-President Africa  
TotalEnergies



**Dr Cord Landsmann**  
CEO  
thyssenkrupp Uhde



**Moderator**  
Eithne Treanor  
Presenter  
EGYPS 2023

11:15 - 11:45

### ★ FEATURE

Fireside chat: African gas



**Milton Catelin**  
Secretary General  
International Gas Union (IGU)



**Rashid Abdallah**  
Executive Director  
African Energy Commission (AFREC)



**Mickaël Vogel**  
Director & Head of Research  
Hawilti



**Moderator**  
Khaled Abubakr  
Executive Chairman  
TAQA Arabia

11:45 - 12:30

### Global Business Leaders Session

The rise of gas and LNG – the global scramble in a tight market with soaring prices

Session Sponsor



**John Ardill**  
Vice President  
Global Exploration  
ExxonMobil



**Dr Eng Magdy Galal**  
Chairman  
Egyptian Natural Gas Holding Company (EGAS)



**Yossi Abu**  
CEO  
NewMed Energy



**Mathios Rigas**  
CEO  
Energean



**Cederic Cremers**  
Executive Vice President  
LNG  
Shell



**Moderator**  
Aida Araïssi  
CEO  
Bilateral US Arab Chamber of Commerce

13:30 - 14:15

### Global Business Leaders Session

Pivoting from traditional oil and gas operations to new generation energy solutions – driving change through tough asset portfolio choices



**Alessandro Bernini**  
CEO and Chief Operating Officer  
Maire Tecnimont Group



**Paul Marsden**  
President, Energy  
Bechtel



**Alessandro Puliti**  
CEO  
Saipem



**Anja Isabel Dotzenrath**  
Executive Vice President  
Gas and Low Carbon Energy  
bp



**Luca Vignati**  
Upstream Director  
eni



**Moderator**  
Iman Hill  
CEO  
International Association of Oil & Gas Producers (IOGP)



★ **FEATURE**

14:15 - 14:45

**Fireside chat: East Med gas**



**Clay Neff**  
President  
Chevron International  
Exploration & Production



**Moderator**  
**Eithne Treanor**  
Presenter  
EGYPS 2023

**Global Business Leaders Session**

14:45 - 15:30

**Decarbonising oil and gas sustainably – breaking down barriers through investment, innovation and technology**



**Song Yu**  
Executive President, UEG  
and CEO, Kuwait Energy



**Maria Rita Galli**  
CEO  
DESFA



**Sherif Foda**  
Chairman of the Board &  
CEO  
NESR - National Energy  
Services Reunited



**Dr Patrick Allman-Ward**  
CEO  
Dana Gas



**Marco Villa**  
Chief Operating Officer  
Technip Energies



**Moderator**  
**Eithne Treanor**  
Presenter  
EGYPS 2023

**Ministerial Interview**

15:30-16:15

**Collaboration, stability, prosperity, sustainability and transition – Egypt, a country transforming at speed**



**His Excellency**  
**Tarek El Molla**  
Minister of Petroleum  
and Mineral Resources  
Arab Republic of Egypt



**Moderator**  
**Eithne Treanor**  
Presenter  
EGYPS 2023

**TECHNICAL SESSIONS AGENDA**

	ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5
<b>TUESDAY 14 FEBRUARY</b>	<b>10:00-11:30</b> CATEGORY: PET SESSION 11 Towards a sustainable petrochemical industry	<b>10:00-11:30</b> CATEGORY: MAR SESSION 12 New offshore technologies resolving operational challenges	<b>10:00-11:30</b> CATEGORY: DR SESSION 13 Wellbore stability and fluids innovation	<b>10:00-11:30</b> CATEGORY: UNCONV SESSION 14 Integrating subsurface data to unlock unconventional resources	<b>10:00-11:30</b> CATEGORY: BIO SESSION 15 Renewable energy: technology, operations, integration with existing facilities
	<b>11:30-13:00</b> CATEGORY: REF SESSION 16 Refining developments and advancements	<b>11:30-13:00</b> CATEGORY: MID SESSION 17 Transportation, storage and infrastructure for midstream operations	<b>11:30-13:00</b> CATEGORY: DR SESSION 18 Drilling challenges and optimisation	<b>11:30-13:00</b> CATEGORY: UNCONV SESSION 19 Tapping into productivity enhancement in unconventional resources	<b>11:30-13:00</b> CATEGORY: BIO SESSION 20 Green ammonia and hydrogen production and usage
	<b>14:00-15:30</b> CATEGORY: REF SESSION 21 Refining innovation and profitability	<b>14:00-15:30</b> CATEGORY: GAS SESSION 22 Operational solutions for Gas/LNG processing	<b>14:00-15:30</b> CATEGORY: COMPL SESSION 23 Production optimisation through smart completion and intervention solutions	<b>14:00-15:30</b> CATEGORY: FD SESSION 24 Enhanced oil recovery (EOR)	<b>14:00-15:30</b> CATEGORY: BIO SESSION 25 Latest developments in green hydrogen
	<b>15:30-17:00</b> CATEGORY: DIGI SESSION 26 Advanced digital transformation Initiatives	<b>15:30-17:00</b> CATEGORY: GAS SESSION 27 Gas /LNG new initiatives	<b>15:30-17:00</b> CATEGORY: COMPL SESSION 28 Reservoir productivity enhancement utilising innovative and stimulation technologies	<b>15:30-17:00</b> CATEGORY: FD SESSION 29 Reservoir monitoring and surveillance	<b>15:30-17:00</b> CATEGORY: BIO SESSION 30 Biofuels technology, production and usage

**EGYPS SUSTAINABILITY IN ENERGY CONFERENCE & AWARDS**

SESSION SPONSORS

LEAD SPONSOR


































**HALLIBURTON**



**Tuesday 14 February 2023**

With increasing focus globally upon the long-term sustainable production of oil and gas, and the industry's commitments to decarbonisation and energy transition, the EGYPS Sustainability in Energy Conference will address the most pressing issues and the growing importance of ESG, CSR and HSE across the industry.

**SUSTAINABILITY AND ENERGY TRANSITION THOUGHT LEADERS AT EGYPS 2023**

 <b>Her Excellency Dr. Yasmine Fouad</b> Minister of Environment Arab Republic of Egypt	 <b>Paul Mayland</b> Chief Operating Officer Capricorn Energy	 <b>Allyson Book</b> Chief Sustainability Officer Baker Hughes	 <b>Nael Darwish</b> Chairman South Valley Egyptian Petroleum Holding Company (GANOPE)	 <b>Dr Samir Elkareish</b> Vice Chairman Energy Transition Egyptian Natural Gas Holding Company (EGAS)
 <b>Jessica Jackson</b> Vice President of Environment, Health and Safety Apache	 <b>Denisse Abudinén</b> Chief Executive Officer Egypt Enap Sipetrol	 <b>Nooshin Behroyan</b> Chief Executive Officer Paxon Energy & Infrastructure	 <b>Anas Aljuaidi</b> Chief Executive Officer MMEC Mannesmann	 <b>Jim Lenton</b> Group Senior Vice President Sector Lead Upstream, Midstream, LNG Worley
 <b>Dalia Wahba</b> Deputy CEO and Chief Investment Officer Hassan Allam Utilities	 <b>Anthony Watson</b> Chief Executive Officer Ras Ghareb Wind Energy S.A.E	 <b>Ricardo Puig</b> Chief Commercial Officer Magellan X	 <b>Sameh Sabry</b> Senior Vice President & Managing Director Egypt Wintershall Dea	 <b>Brad Boyd</b> Senior Vice President Corporate Resources Methanex Corporation
 <b>Mohammed Bahatem</b> Senior Vice President HSSE & Asset Integrity Management Mubadala Energy	 <b>Alexandra Thomas</b> Managing Director Egypt Neptune Energy	 <b>Blake Gendron</b> Vice President Investor Relations & ESG IMPACT Segment NESR	 <b>Alexander Kajo</b> Vice President Downstream Naico Water, an Ecolab Company	 <b>Steve Freeman</b> Head of Energy Transition SLB
 <b>Tarek Hamouda</b> Chairman & CEO Technical Office GM ENPPI	 <b>Laila Chemane-Chilemba</b> Vice President Socioeconomic Development Mozambique LNG Project TotalEnergies	 <b>Dr. Abderrezak Benyoucef</b> Head of the Energy Studies Department OPEC	 <b>Antonios Mountouris</b> Head of HSE & Sustainable Development Division Hellenic Petroleum	 <b>Nicolas Katcharov</b> Country Manager Egypt Energean
 <b>James Garvie</b> HSE Advisor Cheiron	 <b>Wael Amin</b> Head of HSE Kuwait Energy Egypt	 <b>Dr. Yasser Hassan</b> Safety & Environment Manager Shell Egypt	 <b>Pablo Avogadri</b> Partner and Associate Director, Energy Boston Consulting Group	 <b>Mathew Thomas</b> Senior Industry Consultant Hexagon
 <b>Jan Zschomler</b> Market Area Manager Middle East & Africa DNV Energy Systems	 <b>Ali Hegab</b> Oil and Gas Consultant	 <b>Hussein El Ghazzawy</b> Chairman Coxswains for Marketing & Commercial Trading		

**PROGRAMME SUMMARY**

<p><b>10:00 - 10:15</b></p> <p><b>Ministerial keynote speech</b></p> <p>Egypt's commitment to sustainability as part of Vision 2030</p>	<p><b>10:15 - 10:30</b></p> <p><b>Keynote speech</b></p> <p>Driving sustainable performance in challenging market conditions</p>	<p><b>10:30 - 11:15</b></p> <p><b>Panel discussion</b></p> <p>Streamlining operations to tackle climate change and net-zero target</p>	<p><b>11:15 - 12:00</b></p> <p><b>Panel discussion</b></p> <p>Digitalisation as an enabler of decarbonisation</p> <p>Sponsored by <b>HALLIBURTON</b></p>	<p><b>12:00 - 12:45</b></p> <p><b>Panel discussion</b></p> <p>Demonstrating ESG credentials to drive sustainability and growth</p>
<p><b>13:45 - 14:30</b></p> <p><b>Panel discussion</b></p> <p>Building partnerships to drive CSR progress in North Africa and the East Mediterranean</p>	<p><b>14:30 - 15:15</b></p> <p><b>Panel discussion</b></p> <p>Scaling R&amp;D to unlock technology and enhance industry safety</p>	<p><b>15:15 - 16:00</b></p> <p><b>Panel discussion</b></p> <p>Advancing the oil and gas safety culture</p>	<p><b>16:30 - 17:30</b></p> <p><b>Global Sustainability in Energy Awards Ceremony</b></p>	

**EGYPS SUSTAINABILITY IN ENERGY CONFERENCE & AWARDS**

**AWARDS FINALISTS**



**BEST ENVIRONMENTAL PROJECT OF THE YEAR**

SPONSORED BY



**Baker Hughes**



Integrated watershed management and soil carbon content enhancement project



Desalination plant freshwater withdrawal reducing project

**Baker Hughes**



Reducing carbon through management of fleet of global motor vehicles project

Liquefied Natural Gas  
**Egyptian LNG**



Emissions reduction and improving energy efficiency project



**BEST CSR PROJECT OF THE YEAR**



Corporate social responsibility project



Girls make empowering girls to be future innovators project



In-country applied technology education project



Delivering excellence to our host communities project



**BEST HEALTH PROJECT OF THE YEAR**

SPONSORED BY

**HALLIBURTON**



Accessible and affordable healthcare to local communities project



Food safety and hygiene management in remote locations project



Health risk assessment (HRA) project



Enhancing production of biosurfactants by oil-degrading bacterial isolates project



**BEST SAFETY PROJECT OF THE YEAR**

SPONSORED BY



Suez Depot technical truck inspection centre project



Process safety management framework for the Egyptian oil and gas sector project



Process safety management project



The war against LOPCs to reverse current trends project



**BEST DIGITALISATION PROJECT OF THE YEAR**

SPONSORED BY



Real-time user-friendly application for production optimisation project

Liquefied Natural Gas  
**Egyptian LNG**



HSE barrier management dashboard project



HSE suite software for integrated system management project

**Baker Hughes**



Multi-sensor data assimilation and model-driven analytics project

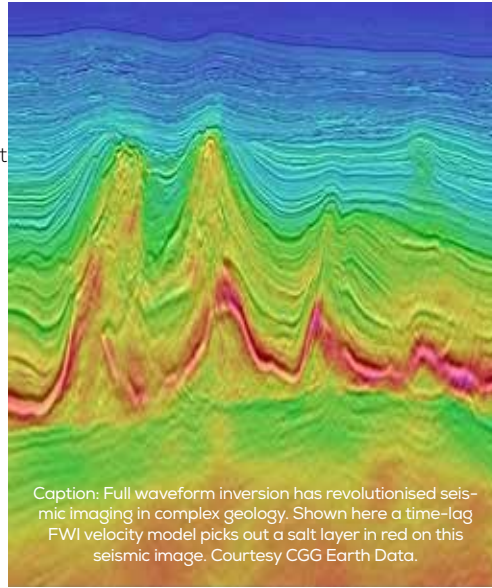
## WHAT WILL CGG EXHIBIT AT EGYPS 2023?

CGG is a geoscience technology and HPC leader, and we have been operating in Egypt for over 35 years. Our geoscience experts will be showcasing the latest seismic imaging technology and our geoscience capabilities in the region at our booth #1F59 in Hall 1.

Over the last three decades, seismic technology has developed rapidly and CGG has made significant contributions to this progress, pioneering new technology in our Cairo imaging centre and developing local expertise to tackle the challenges of onshore reservoir imaging in the Western Desert and imaging the prolific discoveries beneath the Messinian in the offshore Nile Delta. Come and see the latest ground-breaking developments in full waveform inversion velocity modelling and learn how CGG is getting the full value from the new generation of ocean bottom node (OBN) seismic surveys which are revolutionising offshore seismic imaging in the region.

We will also have a team from our regional Geoscience Hub in Abu Dhabi available to present our expert geological services, including the latest core analysis techniques and extensive wellsite geology and biosteering experience in the Middle East and North Africa.

If you are interested in de-risking frontier exploration with integrated geological studies, our Earth Data team will be presenting a regional case study which demonstrates how existing seismic and well data can



Caption: Full waveform inversion has revolutionised seismic imaging in complex geology. Shown here a time-lag FWI velocity model picks out a salt layer in red on this seismic image. Courtesy CGG Earth Data.



STAND NO: 1F59 HALL 1

be revitalised with a multi-client study to generate fresh insight. We are also here to discuss new opportunities to reprocess seismic data and reassess well data in Egypt's mature basins to high-grade opportunities for near-field exploitation and development.

Don't miss the opportunity to connect with our regional experts and learn about the latest advances in geoscience technology, be sure to visit our booth during EGYPS. Learn more at [cgg.com/egypt](http://cgg.com/egypt).

## INDRA SRL: A FOREFRONT VALVES MANUFACTURER

Indra Srl, an Italian valves manufacturer with over 35 years of experience, will exhibit at EGYPS a selection of its products: ball and needle valves in various configurations and diameters, integral and split body double block & bleed versions, manifold for instrumentation and interlocking manifold for HIPPS systems, strictly produced in accordance to the most stringent quality standards of safety and efficiency.



STAND NO: 2J17 HALL 2

Indra is nowadays at the forefront in the valves designing and manufacturing, the headquarters is in Magenta, west of Milan / Italy, in a 4,000 sqm owned building, 3,000 sqm of which are designated as a production area.

The main characteristics of the company are the 'Made in Italy' production and the 'Tailor made' approach, qualities that represent the trademark.

The mission is to satisfy customers' needs, by developing customized solutions. Safety, efficiency, and reliability are pillars of the corporate culture, which look to the future by making choices of innovation and continuous improvement.

### The quality requirements

To guarantee the high-quality standards of Indra products, the contributing elements are: the use of raw materials of prevalent Italian and European origin, the product monitoring from engineering to production, and the wide range of tests carried out in-house.

The experience in understanding the 'typical' of the installations, the choices aimed at innovation, and the maximum versatility, allow Indra to develop customised solutions, according to customers' specific needs.

### The areas of application

The solutions developed by Indra are mainly used in the oil & gas, petrochemical, off-shore platforms, and the energy sector, to arrive recently in the LNG and hydrogen markets, used as components of plants and machineries with a high commercial and technological value.

### The presence at EGYPS

The renewed presence at EGYPS - stand 2J17 in Hall 2 - will make it possible to establish important contacts with potential customers and to develop new business. It will also allow for a better understanding of the market dynamics of this area.

EGYPS is also useful to meet and collaborate with local partners, our local agent Egypto Energy.

## ENABLING MORE INFORMED DECISIONS

In line with Egypt's 2030 vision, the oil and gas sector as an engine of economic growth, has adopted a new strategy to further fulfill the aspirations of the Egyptian people. With Digital transformation in mind, there is an increasing demand for data and analytics to create knowledge and make more informed decisions.



STAND NO: 3H15 HALL 3

Alkan Communication & Information Technology - Alkan CIT is well known in the Oil & Gas sector since 90's, and that includes but not limited to offering:

- Geospatial solutions: Supporting Oil & Gas operations from Planning & Design to production, operation and HSE, allowing entities manage the spatial components of everyday business, whether they are operating upstream, midstream, downstream or distribution. We adopt techniques such as BIM, Geo-AI, AR/VR and big data analytics. We offer topnotch integrative solutions to build the O&G facilities digital twin, support planning & design operations
- Telecommunications solutions: Thuraya and VSAT services, and extended the scope of work to include Digital power, IIOT, automation, oil & gas field solutions including optimization

of power consumption and operation process, Satellite communication, SCADA & Automatic Metering systems, LDS, and solar power

The power of Alkan Communication & Information Technology - Alkan CIT comes from the ability to integrate of diverse technologies in addition to owning all the elements of complete project success starting from consultation, engineering, planning, execution and finally after sales support. All of this can present unified solutions which help the client to achieve the highest level of business and operation continuity & sustainability in an undiminished way.

We acquired many success stories to demonstrate in the field of Oil and Gas in Egypt with esteemed entities such as the Ministry of Petroleum, EGPC, EGAS, Town Gas, AGIBA, FayoumGAS, NATGAS, GASCO, Petrobel, Petrojet, GPC, PPC, Khalda, Rashed, GUPCO amongst others.



# Huawei Digital Power for De-Carbonization & Sustainability in Oil & Gas Industry

Simple, Green, Smart, Reliable, Zero-Carbon Emission



Huawei Digital Power Technologies is a leading global provider of digital power products and solutions. We are committed to integrating digital and power electronics technologies, developing clean power, and enabling energy digitalization to drive energy revolution for a better, greener future. In the clean power generation sector, we help create new power systems that primarily rely on renewable energy. In the green ICT power infrastructure sector, we help build green, low-carbon, and intelligent data centers and communications networks. In the green transportation sector, we redefine consumer driving and safety experiences in electric vehicles, accelerating transportation electrification.

## KUWAIT ENERGY EGYPT FEATURES TOOLS FOR ACHIEVING OPERATIONAL EXCELLENCE

As a Diamond sponsor and exhibitor, Kuwait Energy Egypt is delighted to announce that we are exhibiting at EGYPS 2023 in Cairo in the period of 13-15 February 2023. As every year, it is a great opportunity to meet and connect with our prospective stakeholders and strengthen our bond with you.

We will be showcasing our latest range of achieving Operations Excellence management considering the systematic approach, gas flaring solutions, cost optimisation management incident-free operations and our social community development initiatives.

We provide a common process that can be used in our operations around the world. It enables us to manage HSE and continually improve the reliability, efficiency and integration of operations. Driven by leadership, it provides a system for adopting best practices and standards, helps that our Group attains world-class performance and delivers sustained value.

Established in 2006, Kuwait Energy Egypt is engaged in the onshore upstream oil and gas sector focusing on the investment and operation of oil and natural gas, the company has a diversified portfolio consisting of four producing assets with exploration prospects, three of which are operated by Kuwait Energy Egypt with a remarkable track record to turnaround previously under-performing assets to high producers and cash generators.

Kuwait Energy Egypt is one of the lowest-cost operators in Egypt with cost-saving driven operations to survive with field depletions, complicated operations and production challenges with the

highest market technologies in cost-effective manner.

Kuwait Energy Egypt will meet and connect with you in person instead of communicating over the phone or through emails. We would love to speak to you if you are attending the show and would welcome you to come and visit us at stand 3B50 in Hall 3.



**Kuwait Energy**  
Subsidiary of United Energy Group  
Egypt

STAND NO: 3B50 HALL 3

## SLB CELEBRATES THE SPIRIT OF INNOVATION AT EGYPS 2023

At SLB, we create amazing technology that unlocks access to energy for the benefit of all.

Across 100 years of innovation, through the ingenuity and pioneering spirit of our people, we have developed a reputation as change makers. SLB is a global technology company driving energy innovation for a balanced planet.



STAND NO: 3C50 HALL 3

We are now facing the world's greatest balancing act: how to simultaneously meet the world's growing energy demands while rapidly reducing harmful emissions.

We believe that the biggest challenges need the most innovative thinking. To us, that demands diversity of thought.

That's why above all, we value our people, spanning 160 nationalities in more than 120 countries and working each day on innovating oil and gas, delivering digital at scale, decarbonizing industries, and developing and scaling new energy systems that accelerate the energy transition.

While we work together with our partners and stakeholders, to deliver extraordinary results for a sustainable future, we will always put safety, security, and humanity at the heart of everything we do. Because while our business, industry, and our world are all changing fast, our commitment to integrity and performance does not.

At EGYPS 2023, SLB will focus, among other things, on Brownfields Development, Gas Acceleration & Deepwater Technologies as well as Artificial Intelligence & Analytics.

Come and see us at stand 3C50!

Find out more at [slb.com](http://slb.com)

## TOWN GAS SERVING MORE THAN 4.6 MILLION CUSTOMERS

Town Gas is pleased to participate for the 6th consecutive year in "2023 Egypt Petroleum Show /EGYPS 2023"

EGYPS 2023 is the mark on the future of the industry in Egypt.

Therefore, we are honoured to host EGYPS 2023 under the auspices of His Excellency President Abdel Fattah El-Sisi, with the support of the Minister of Petroleum and Mineral Resource Tarek El Molla.

EGYPS is a platform that facilitates holding meetings with global industry leaders annually wherever. There are many mega projects in place to modernize the sector currently, as it is the heart of the African and Mediterranean oil, gas and energy

Thus, Town Gas is proud to be a part of EGYPS, especially since it is considered the oldest and greatest company in Egypt, which is specialized in the execution of natural gas networks in the concessions areas (Cairo, Giza, Alexandria, Port Said, and Ismailia) in addition to working in designing and executing distribution networks, installations, conversion, pressure, reduction stations and cathodic protection system with 21 customers services serving more than 4.6 million customers (domestic,

commercial, industrial) through (8,707 km) of network lengths

Town Gas aims to enrich the experience of participation in these significant fields to develop new services for customers to gain time through DSC services, the first of its kind through which the customer can submit requests for all natural gas delivery services everywhere. This service will operate in all areas in its first phase.

On this occasion, we would like to welcome all exhibitors, sponsors, visitors and speakers and more than 26,000 oil, gas and energy industry professionals from across the world to connect network and conduct business with over 450 regionals and international exhibiting companies from more than 28 countries.



STAND NO: 3H50 HALL 3





تحت رعاية فخامة الرئيس عبد الفتاح السيسي رئيس جمهورية مصر العربية  
HELD UNDER THE PATRONAGE OF HIS EXCELLENCY ABDEL FATTAH EL SISI, PRESIDENT OF THE ARAB REPUBLIC OF EGYPT



# EGYPES

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## GEOMATEX INTEGRATED SOLUTIONS

"Geomatex Integrated Solutions is the first and only regional system integrator focusing on Geo-Artificial Intelligence to deliver future innovation to the Egyptian Market, we integrate digital technologies across the design-build-operate life cycle to improve the management of assets."

Pass by our booth, 2130, in Hall 2 to know more about Digital Twins and our partners.

### Digital Transformation Strategy:

Today's challenge is how to create as-built digital models that represents reality, discover efficient cost-effective ways to improve accurate as-builts at turn-over and how to keep pace with changes in drawings/models. With Modern Reality Modelling techniques using laser scanners, aerial photogrammetry (UAV/Drones) or both, we can create a "Digital Twin".

Digital twins provide value for customers based on indicators such as status, data on a motor and asset usage data and can simulate asset behaviour and impacts on how that will change with incorporating different factors and scenarios. These insights help companies use the data to create new ways to measure customer lifetime value or determine how to add more value to both the customer and the enterprise.

### Vendors:

- › Zoller + Frohlich is one of the leading suppliers of terrestrial and mobile laser scanners that offers the only explosion-proof laser scanner in the world. Notable products: IMAGER @ 5016, IMAGER @ 5006EX, etc.
- › DJI Enterprise is the market leader in multicopter drone products that are dedicated to developing world-class solutions for agriculture, energy, public

safety, surveying, mapping, and more. Notable products: M30, Mavic 3 Enterprise, M300 RTK, Phantom 4 RTK, Mavic 2 Enterprise, etc.

- › Bentley Systems is the leading global provider of software solutions to engineers, architects, geospatial professionals, constructors, and owner-operators for the design, construction, and operations of infrastructure, including public works, utilities, industrial plants, and digital cities. Notable products: STAAD, MicroStation, OpenFlow, AutoPIPE, etc.
- › Esri is the global market leader in geographic information system (GIS) software, location intelligence, and mapping. The integration between location of objects and detailed information of



STAND NO: 2130 HALL 2

objects enables data analytics so that decision makers can take informed decisions. Notable products: ArcGIS online, indoor GIS, 3D Visualization and Data Analytics. Etc...



## SBS COMES TO OFFER THE BEST SAFETY SOLUTIONS

“Safety Boss Solutions \*SBS\* is Egyptian American firm located in Cairo, Egypt, and Houston, USA.

We offer end-user solutions based on real hands expertise with major Oil and Gas companies, SBS is specialized in supplying all industrial safety solutions as EPC Turn Key Project Design, Supply, Install, Commissioning, and Startup for ICSS systems, Fire & Gas Detection, and Fighting systems as well.

Furthermore, we are a platinum-authorized channel partner and distributor for Honeywell Analytics HGAS and Honeywell Process Measurement & Control PMC.

We deliver customized & integrated solutions to our customers through quality, timely, innovative, and price/value competitive services using our competent & empowered workforces.

SBS will be exhibiting at EGYPS 2023 in order to present our latest technologies and services,



STAND NO: 2C38 HALL 2

including Honeywell state of art Flame detectors and Gas detectors integrated with SIL 3 Safety Manager controller by Honeywell.

At our display in Hall2 2C38, we will be playing several videos from various vendors to illustrate the modern solutions MOBILE FIREFIGHTING TECHNOLOGY FOR WILDFIRES from FireDos technology.

SBS is proud and honoured to have the opportunity to participate in EGYPS 2023. At the fair, we will be happy to answer any questions that visitors might have about our products and services.



## SEAHARVEST TAKES PRIDE IN OFFERING UPSTREAM, MIDSTREAM, DOWNSTREAM SERVICES

Since Seaharvest's establishment in 1999, Seaharvest Egypt has been providing high quality solutions to the oil & gas industry, our keenness in offering the finest products. Our dedicated teams have guaranteed us prominent position amidst oil and gas service companies in the market. We offer solutions in the fields of upstream, midstream & downstream. Seaharvest is part of the Afaq holding Group, one of the foremost private sector groups serving the oil & gas industry in Egypt and MENA region.

We shall be presenting during the EGYPS our capabilities and our product lines covered under the following business units:

- › AID – Asset Integrity Development.
  - Latest technology when it comes to cost-effective solutions for plant life extension and facility integrity enhancement. We empower preventive maintenance through introducing environmentally friendly safe techniques.
- › PSS – Production Solutions and Services.
  - Cutting edge solutions for the latest petroleum oil production sector necessities and challenges. Our experts collaborate with customers' technical team to evaluate, optimise and customise solutions for their oil production operations.
- › DSS – Drilling Solutions and Services.
  - Provides outstanding quality services & supplies to the energy sector in Egypt & the MENA region. Rental & supply of Down Hole Equipment, Casing



STAND NO: 2A10 HALL 2

Accessories, Cementing, casing while drilling services and smart reamer shoe. We deliver best performance, quality and safety.

- › OCTG.
    - A wide range of seamless steel pipes covering 'but not limited to' the following:
      - OCTG.
      - Line pipe.
      - Mechanical pipes.
      - Structural Pipes.
      - Boiler Pipes.
      - Gas Cylinder Pipes
- All grades with a size range starting from 2 3/8" up to 16".
- › SPS – Sourcing and Procurement Solutions.
    - Seaharvest's 'SPS division' is one of the largest stockiest of Oil field equipment for multiple world's most known brands.
  - › PPE – Personal Protective Equipment.
    - Supplying the Egyptian market with a wide range of PPEs, including but not limited to FR/ IFR Coveralls (winter/summer), Impact & Cotton gloves, Safety boots and Safety shoes.



# PLAN YOUR TRAVEL & ACCOMMODATION

## OFFICIAL HOTEL

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LAKEVIEW • CAIRO



The Dusit Thani, Lakeview, Cairo offers attendees of the Egypt Petroleum Show exclusive discounts on their stay at this luxury property.

You can also book your discounted stay at the Royal Maxim Kempinski, JW Marriott & Renaissance, Intercontinental City Stars and Holiday Inn City Stars.

For reservation enquiries email: [egypts@optiontravel.com.eg](mailto:egypts@optiontravel.com.eg)

## OFFICIAL TRAVEL PARTNER

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Option Travel is one of the premier travel agents, tour operators, transportation and car rental providers operating in Egypt. Take advantage of exclusive discount packages for all attendees at the Egypt Petroleum Show.

To plan your travel email: [egypts@optiontravel.com.eg](mailto:egypts@optiontravel.com.eg)

**ZONE 1: 90 Street:** Dusit Thani Lake View, Helnan Landmark

**ZONE 2: Ring Road:** Royal Maxim Kempinski, Renaissance Mirage City, JW Marriott

**ZONE 3: Nasr City Zone:** Intercontinental City Stars, Holiday Inn



## SHUTTLE BUS FROM HOTELS TO THE VENUE

	FIRST DEPARTURE STARTS FROM	SECOND DEPARTURE STARTS FROM	THIRD DEPARTURE STARTS FROM	LAST DEPARTURE STARTS FROM
MONDAY 13 FEBRUARY	08:45	09:00	09:15	09:30
TUESDAY 14 FEBRUARY	08:45	09:00	09:15	09:30
WEDNESDAY 15 FEBRUARY	08:45	09:00	09:15	09:30

## SHUTTLE BUS FROM THE VENUE TO HOTELS

	FIRST DEPARTURE	SECOND DEPARTURE
MONDAY 13 FEBRUARY	19:15	19:30
TUESDAY 14 FEBRUARY	19:15	19:30
WEDNESDAY 15 FEBRUARY	19:00	19:30

**TO PLAN YOUR TRAVEL AND ACCOMMODATION FOR EGYPS 2023, VISIT:**  
[www.egypts.com/travel](http://www.egypts.com/travel)

## TO PLAN YOUR BUSINESS TRIP TO EGYPS 2023, CONTACT:

**Rania Ahmed**  
Relationship Manager  
Option Travel

12, Road 278 New Maadi, Cairo, Egypt  
 +202 25170111  
 +202 25176444  
 +201150804949  
[egypts@optiontravel.com.eg](mailto:egypts@optiontravel.com.eg)

## BUILDING A MODERNISED FUTURE

Apache looks forward to welcoming visitors at booth A350. The company will feature its growing investments in Egypt and ambitious ESG goals and achievements. Notable highlights include:

- › Expanded operations across the Western Desert
- › The recent merger of two joint ventures into the modernized Khalda Petroleum Company in partnership with the Egyptian General Petroleum Company
- › Achievement of the company's 2022 ESG goal to reduce upstream routine flaring by 40%
- › Apache-sponsored Springboard Girls Schools, founded by the company over 15 years ago with over 200 schools built across rural Egypt.

Apache has operated in Egypt for 25 years and is the largest American investor and largest oil producer in the country. Booth visitors can



STAND NO.: **3A50** **HALL 3**

watch a video showcasing the company's longstanding business partnerships, safe operations, and commitment to Egypt's emergence as a regional energy hub and attractive investment destination.

Apache is a global energy company with operations in Egypt, the United Kingdom and the United States, producing oil and natural gas that is critical to helping meet the world's energy needs.

Apache is a wholly owned subsidiary of APA Corporation (Nasdaq: APA). Learn more at [www.apacorp.com](http://www.apacorp.com).

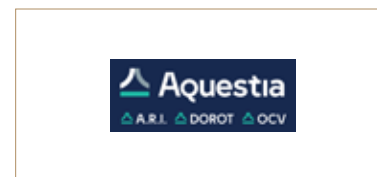


## AQUESTIA - COMMITTED SERVICE AND LONG LEGACY, FOR YOUR PEACE OF MIND.

With over 60 years of experience in the manufacture of hydraulic control valves, OCV is now one of three brands that form the leading group of Aquestia. Together with DOROT & A.R.I. Valves, we offer a wide range of hydraulic control and air safety valves, which can be found in almost every international oil & gas project around the world.

Today, Aquestia offers its customers the option to combine hydraulic analysis of a water and foam-based fire system, with allocation of a specific hydraulic control device. This now forms an integral element of numerous safety control valve projects, at fire protection installations, high-hazard storage infrastructure, oil exploration & processing plants, LNG depots, and more, around the world.

Aquestia's unique ability to bring together its professionalism in the management of fluids, together with its deep understanding of different safety requirements, is



STAND NO.: **2H69** **HALL 2**

what makes the company the first choice of customers for addressing safety challenges in various fire protection systems.

At EGYPS 2023, Aquestia will present two leading solutions for both commercial and high-hazard fire installations: our newly innovated AMD (Air Maintenance Device) model, DE-AMD-003, which has been specially designed for commercial/ residential fire installations, and our dry/ pre-action valves; and the Aquestia Oil & Gas AMD 010L. These are the latest solutions to come out of our innovative in-house R&D division in our wide range of fire,

air & hydraulic control valves, which form part of a wider portfolio of products and solutions that are specifically certified by all worldwide fire inspection institutes.

We look forward to seeing you at stand 3K70 in Hall 3, where we will be demonstrating our energy-saving and safety solutions.

## IT'S ALL ABOUT DATA!

Shearwater is an innovative global provider of 3D and 4D marine seismic data, imaging products and data processing software. Our fleet of modern purpose-built vessels leads the industry with their towed and Ocean Bottom seismic acquisition capabilities. Our proprietary seismic processing software, Reveal, has been entirely developed in the 21st century and is the most modern, highly interactive, efficient and user-friendly platform for all aspects of processing and imaging in the market. Shearwater provides an unparalleled offering of acquisition capabilities to its clients.



Shearwater's Head Office is in Bergen, Norway, with an additional focus on Marine Operations and QHSE. Our Marine Acquisition HQ is in Gatwick, UK. We have our Reveal hub in Houston, US, that includes a Processing & Imaging centre as well as NSA region Marine Acquisition. Our Singapore office focuses on APAC region Marine Acquisition requirements. The Shearwater Product Centre in Penang, Malaysia, specialises

**SHEARWATER**

STAND NO.: **1G15** **HALL 1**

in the manufacturing and repair of marine geophysical equipment. The largest Processing & Imaging centre is based in Gatwick, UK, with an in-house R&D team. Shearwater's Oslo Technology Center located outside Oslo, Norway includes a 24/7 field support hub as well as a fully equipped laboratory which can be configured to replicate the acquisition systems used by Shearwater's fleet.

Together our acquisition teams, processing geophysicists, Engineering and R&D group provide our clients with the tools they need to de-risk their exploration and maximise their production efficiency.

## DRIVING DATA TO BARREL

**H**uawei's mission for the oil and gas industry in Egypt is to achieve OT and IT Convergence for oil and gas cycle.

Indeed, for oil and gas sector regarded as an important driving engine for economic growth; enterprises must transform into integrated energy companies with low-carbon asset portfolios. At the same time, they must innovate from within the industry, based on the traditional oil and gas business, integrating carbon-negative technologies. They must also find new partners involved in new kinds of

services and technologies, to boost innovation and open new revenue streams.

All of this, of course, is supported by digital transformation, which integrates systems and data across diversified energy sectors, boosting efficiency and ensuring resilience. Only through interconnection and information sharing, we can guarantee achieving smooth

coordination between the upstream, midstream, and downstream industrial chains, optimizing the entire global supply chain.

Huawei cooperates with dedicated industry partners towards driving Data to Barrel, and building fully connected, intelligent oil and gas environment. We provide sector-specific "Information and Communications Technology (ICT)"



STAND NO: 3G30 HALL 3

and "Digital power" in all scenarios to meet transformation requirements, alongside improving safety and productivity. So Huawei is strongly participating in EGYPS with its innovative solutions, which embrace the oil and gas Internet of Things (IoT), digital pipelines, digital campuses and High-Performance Computing (HPC). And finally, Huawei provides smart gas station solution; which assures providing smooth product management, retail, surveillance, Office Automation (OA), and other daily services, unifying transmission of services and facilitating Operation and Maintenance (O&M).

All of these scenarios have already been applied in 45 countries and regions around the world, serving 19 of the global top 30 oil and gas enterprises. To know more about our success cases and solutions visit our booth in Hall 3.



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## CHEIRON SETS SUSTAINABILITY AS ITS MAIN FOCUS AT EGYPS 2023

As a company with an impressive track record in both production and environmental responsibility, Cheiron has been at the forefront of sustainability efforts within the global energy market, especially in Egypt. Demonstrating a firm commitment to the World Bank Zero Flare Initiative to stop routine venting and flaring by 2030, the company is well on its way to realizing a 25% reduction in emissions intensity by 2025. As a leading multinational energy firm, Cheiron is also seeking to align Egypt's Nationally Determined Contribution to The Paris Agreement as a top priority as it is also aligning future actions of the Institutional Investors Group on Climate Change (IIGCC) Net Zero Standard for Oil and Gas.

Cheiron has invested \$10 million in new facilities to



uphold the highest standards of environmental compliance in Geisum (PGM) and Amal (Amapetco). The company has also replaced diesel with gas for power generation at its facilities and was successful in eliminating venting and flaring. Due to Cheiron efforts, the emissions intensity of its Egyptian assets decreased by 12% (excluding Bapetco) in the last financial year.

Cheiron's contribution to the communities that it works in is nothing short of impressive when it comes to contributions to medical support, development

and education. It has also taken steps to protect Egypt vital marine ecosystems as a part of its wider initiative to protect the country's natural assets from any negative impact due to operations. For its GNN development at Geisum in the Gulf of Suez, Cheiron took steps to closely monitor the condition of marine habitats and ecosystems, such as coral reefs, meadows, and coastal mangrove areas. Cheiron assets in the Gulf of Suez have also been actively cleaning shorelines for legacy oil contamination in areas such



STAND NO: 2B40 HALL 2

as Hurghada and Altour City in South Sinai.



## MEET A GLOBAL LEADER IN INDUSTRIAL PUMP MANUFACTURING

PumpWorks is an industrial pump manufacturer of API and ANSI Centrifugal Process Pumps. We offer a full range of centrifugal pumps to meet the demands of a wide variety of industry applications. Headquartered in Houston, Texas USA, PumpWorks knows what it takes to build a quality pump! With our experience as a leader in providing high quality, short lead time, made in USA API 610 pumps, we now bring our customers a superior ANSI pump line engineered, manufactured, and tested in the USA.



STAND NO: 2147 HALL 2

All PumpWorks foundry products are entirely made in the USA. Our foundry also gives us complete control of the supply chain process, which allows for rapid, on-time product availability and exceptional service. To learn more about the PumpWorks, please visit our website [www.pumpworks.com](http://www.pumpworks.com)

With extensive experience as a specialty manufacturer of API 610 and ANSI Process Industrial Pumps, PumpWorks has accumulated the expertise needed to manufacture products that meet even the most specific of client or industry



requirements. We pride ourselves on our ability to manufacture any type of pump for any type of application.

It is with great pleasure that we invite all EGYPS visitors to have a look at our booth which with all the required features to keep customers well-informed about the variety of products and services that we have to offer. We look forward to meeting each and every one of you at EGYPS and would be happy to answer any questions you might have.

- › For company Logo Please check below link:  
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## EAGLEBURGMANN BRINGS THE WORLD'S BEST INDUSTRIAL SEALING TECHNOLOGIES OF EGYPS 2023

EagleBurgmann is one of the leading providers of industrial sealing technology. EagleBurgmann has over 6,000 staff all around the world. From series-manufactured seals to engineered individual solutions: We supply optimal sealing solutions and services for nearly all industrial processes and fields of application. As EagleBurgmann, we believe that each customer is unique and TotalSealCare is a proof of our customer-oriented approach.



STAND NO: 2G50 HALL 2

EagleBurgmann gladly announce that we are the first seal supplier to launch our Mobile Service Center in Egypt which will be fully operated during 2023. The aim is to give support to our customers on-site during the commissioning and start-up of Mega projects.

There is a good reason why customers from numerous industries choose EagleBurgmann as their sealing solutions supplier. EagleBurgmann has significant experience in all segments and offers advanced sealing systems and services to meet all technical, environmental, and economical requirements, even when operating conditions are extreme.

The development of sealing technology is closely related to industrial progress. After numerous innovations in our products range like Diamond Face, RotechBooster. We are honoured as well to announce that our new solution,

CobaDGS centrifugal compressor seal is providing zero methane emission because we believe that the environment is as important as high-quality products for us Symbol of great eco-friendly innovation, EagleBurgmann's CobaDGS mechanical seal is the world's first turbo compressor seal that reduces harmful fugitive emissions gases to zero.

Our dedication to excellence and reliability with great innovative capacity is communicated throughout our products portfolio includes everything from mechanical seals and seal supply systems to magnetic couplings, carbon floating ring seals, expansion joints, and gaskets and packings as well as comprehensive services.

Since we are part of the German Freudenberg and Japanese EKK group, we have all the necessary resources for a firmly based reliable partnership.

## YOUR WORRIES ABOUT LOGISTICS END HERE!

**A**ltun Egypt is part of Altun Logistics Group, which has offices in Turkey, USA and Belgium.

We are a leading logistics service provider in Egypt providing our

clients with all kinds of logistics solutions with a professional and

integrated approach. We gained the trust and loyalty of our clients by

showing commitment, respect, and determination to produce results which made us one of the Top Freight Forwarders in Egypt, what we exhibit

in EGYPS 2023 is our service offering which includes: Sea, Road, Rail and

Air transportation, Warehousing, Customs Clearance, Insurance services. You will find that what makes our unique successful in the market is really in the flexibility and diversity of the various services that we offer to cater to our client's needs.

We also provide world-class Flexi Tanks and ISO Tanks, and finally we

provide SUPER DRY, which is a global leader in calcium chloride desiccants, specialized in moisture damage prevention solution for your

shipments, you can learn more here: <https://altunegypt.com/services/> As a world-class with an impressive global reputation, our clients can expect nothing less than in the services that we provide.



STAND NO: 1D41 HALL 1

As one of the exhibitors at EGYPS 2023, it gives us great pleasure to welcome all visitors to the event, where they will have the opportunity to learn more about our services. We would happy to answer any questions that you might have.



# TotalEnergies is continuing to diversify its energy mix.

Discover this journey we are taking with you, towards energy that's ever more affordable, cleaner, more reliable and accessible to as many people as possible.  
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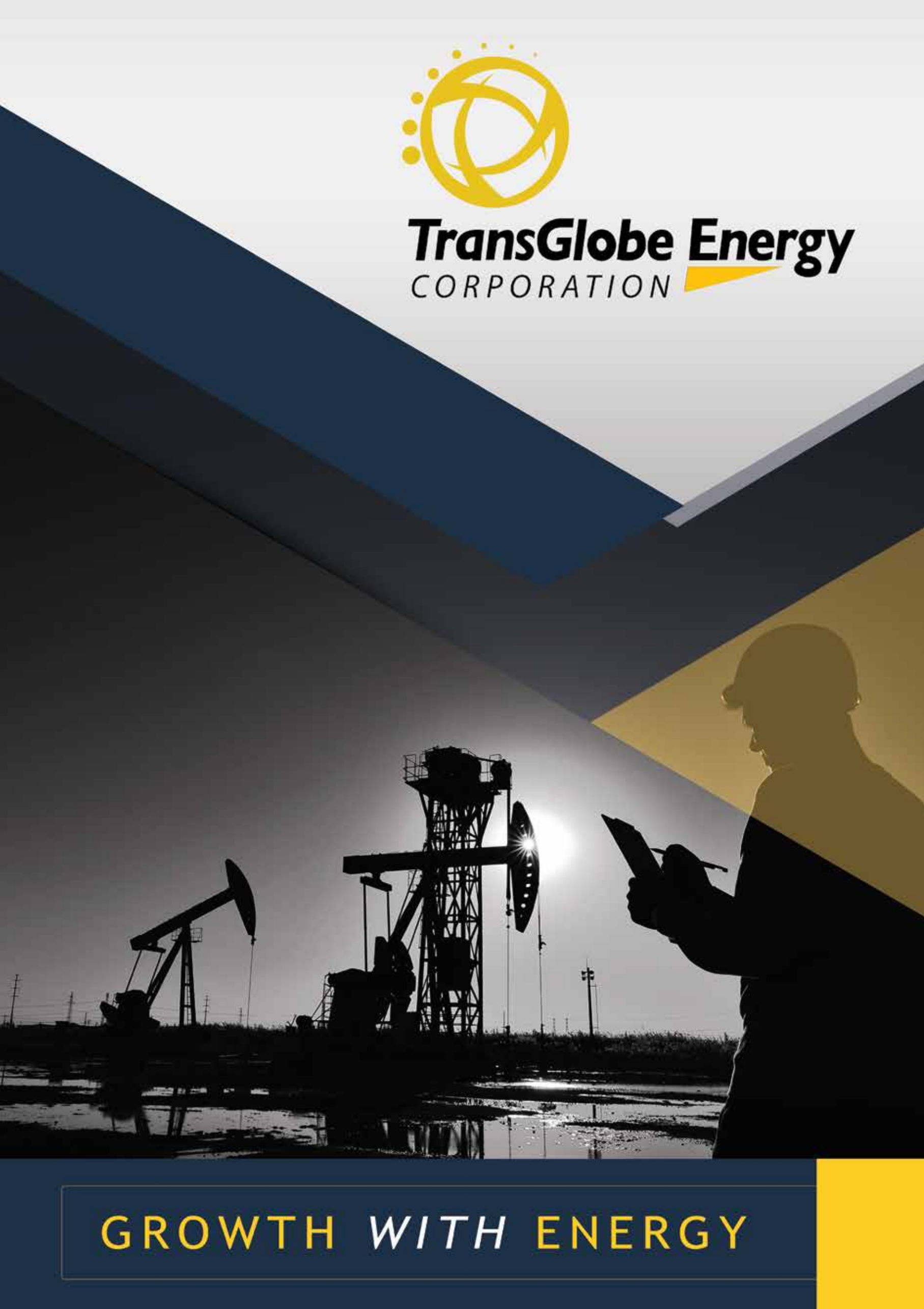


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# CHEIRON



 **EGYPS**  
EGYPT PETROLEUM SHOW

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EGYPT INTERNATIONAL EXHIBITION CENTER

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VISIT US AT STAND  
**2B40 at Hall 2**

## A VALUE DRIVEN, HIGH IMPACT, FULL CYCLE E&P OPERATOR

**CHEIRON** is the Fourth largest Egyptian E&P company with operated production levels of more than 130,000 boepd, which are set to grow further. The company is focused on applying new technologies, international safety, environmental and social standards and cost effective solutions to add value across its asset portfolio. Cheiron is committed to a lower carbon future. To support this, the Company is aligned with the World Bank Zero Routine Flaring by 2030 Initiative.

In Egypt, the company holds an interest in 21 Concessions (17 of which operated), located in the three major oil and gas basins (Gulf of Suez, Western Desert and Nile Delta). Internationally, the company holds assets in Mexico and Romania.

7 Road 150, Maadi, Cairo - Egypt  
Tel.: (+20) 22359 1990

[www.cheironenergy.com](http://www.cheironenergy.com)