

EGYPS NEWS

EGYPT PETROLEUM SHOW

11-13 February 2019

Egypt International Exhibition Center

Official Publication

EGYPT
OIL & GAS
NEWSPAPER

JANUARY 2019

Supported By



SHOW PREVIEW

EGYPS 2019: DELIVERING THE ENERGY NEEDS OF TOMORROW

EGYPS 2019 comes at an exciting time for the Mediterranean's energy prospects. In the 11 months since the last edition, countries have experienced a surge in exploration activities, while dozens of new infrastructural agreements look to increase connectivity in the region to unprecedented levels. Mediterranean gas production continues to reach new peaks, and increasing energy cooperation between countries may yet help to improve regional stability.

As the largest oil and gas event in North Africa and the Mediterranean, EGYPS has played an important part in enabling the industry to turn these grand plans into reality. For the past two years, the show has provided the platform for industry leaders and government officials; international oil companies (IOCs) and national oil companies (NOCs); operators and contractors; and consultants and investors to engage in dialogue, share expertise, deepen partnerships and do business. In the lead up to EGYPS 2019 and attention is focused on the future, it is important to reflect on the past 11 months and put into perspective the great successes witnessed in the region.

NEW EXPLORATION ACTIVITIES IN THE REGION

The Egyptian Ministry of Petroleum and Mineral Resources launched two E&P bid rounds last year: one covering 16 blocks in the Mediterranean, and the other covering 11 blocks across the Western Desert, Gulf of Suez and Eastern Desert regions.

The winning companies of the tenders - operated by the Egyptian Natural Gas Holding Company (EGAS) and the Egyptian General Petroleum Company (EGPC) respectively - are expected to be announced soon, with the contracts having recently been prepared. Egypt is also opening bidding for E&P activities in the Red Sea for the first time. The 10,000

square kilometre seismic survey was completed and the data was set to be presented to the Ministry of Petroleum and Mineral Resources in December.

A number of exploration agreements were signed by the Ministry in 2018, including deals to explore areas in the Western Desert and the Mediterranean. Notable agreements included a \$1 billion deal with Shell and Malaysia's Petronas for exploratory drilling in the West Nile Delta, and a \$9 billion E&P deal with Apache for locations in the Western Desert.

In August, Eni acquired the license to embark on exploratory drilling in the Shorouk concession, located in the East Nile Delta basin. The Italian company and its local partner, Tharwa Petroleum, began drilling under the Noor license at the end of September. At the time of announcement, rumours swirled that the amount of gas in-place amounted to a staggering 90 trillion cubic feet (tcf); however, the findings of the initial drilling are yet to be announced. Noor's potential has attracted significant interest from other international companies, Eni agreeing

to sell 25% and 20% stakes to BP and Mubadala Petroleum respectively in mid-December.

SURGING PRODUCTION

Egypt's natural gas sector went from strength-to-strength in 2018, supported by continuing successes at Zohr, which reached output levels of 2 billion cubic feet per day (bcf/d) in September. Overall, Egypt's natural gas production reached a record 6.6 bcf/d in 2018, which is only set to grow as field operator Eni finishes linking the remaining wells to production. According to reports, the field will reach production highs of 3 bcf/d in 2019.

Elsewhere, Eni's Noor field reached production levels of 1.2 bcf/d in 2018, while Atoll reached 350 million cubic feet per day (mcf/d).

INFRASTRUCTURE FOR THE FUTURE

This year also witnessed potentially game-changing infrastructural developments that will alter the regions



HIS EXCELLENCY TAREK EL MOLLA

Minister of Petroleum and Mineral Resources, Arab Republic of Egypt

“WE ARE CURRENTLY IMPLEMENTING THE PETROLEUM SECTOR'S MODERNISATION PROJECT, WHICH AIMS AT REALISING THE PETROLEUM SECTOR'S FULL POTENTIAL BY 2021 AS A SUSTAINABLE DEVELOPMENT ENGINE AND A ROLE MODEL FOR THE MODERN EGYPT.”

Continued in page 4 ➤

OFFICIAL HOTEL



OFFICIAL FREIGHT FORWARDER



OFFICIAL TRAVEL AGENT



OFFICIAL PUBLICATIONS



CO-ORGANISED BY





Growing with Partnership

Visit us at
EGYPS 2019
Booth #3B30
in Hall 3

DEA is an active player and partner in the Egyptian energy sector since 1974. We have so far produced more than 650 million barrels of crude in the Gulf of Suez, via SUCO, our operating joint venture company with EGPC. We are successfully producing gas from the Disouq development project in the Onshore Nile Delta. And, we are proud to be partner in West Nile Delta, one of the currently most important energy projects in Egypt – and there is more to come.



Growing with **Energy**

DEA

CONTENTS

- 4** Welcome from the organisers of the Egypt Petroleum Show
- 10** Interview with Egypt's Minister of Petroleum & Mineral Resources H.E. Eng. Tarek El Molla
- 11** EGYPS 2019 Strategic Conference
- 12** Digitalisation under the spotlight at EGYPS' new Digitalisation Zone NEW FOR 2019
- 14** Interview with Eni CEO, Claudio Descalzi
- 16** EGYPS 2019 Technical Conference
- 17** HSE In Energy Forum and Award Ceremony NEW FOR 2019
- 18** Security In Energy Forum NEW FOR 2019
- 22** EGYPS 2019 Women in Energy Conference and Awards Ceremony
- 28** Youth Engagement Programme NEW FOR 2019
- 30** Exhibitor News



Publisher:
Mohamed Fouad
Business Development Director:
Ayman Rady
Marketing Executive:
Menna Mohy

Editor in Chief: **Mariana Somensi**
Managing Editor: **Matthew Hoare**
Editor: **Dina El-Behir**
Senior Writer: **Sarah Samir**
Creative Art Director: **Omar Ghazal**

CO-ORGANISED BY

dmg events



OFFICIAL PUBLICATIONS



© Copyright 2018. All rights reserved. Reproduction without permission is prohibited.

EGYPS 2019: DELIVERING THE ENERGY NEEDS OF TOMORROW

Continued from page 1 <

energy map for years to come. Egypt – driven by a desire to transform itself into a regional energy hub – was at the centre of many of these developments.

A pipeline deal signed between Egypt and Cyprus in September highlights Egypt's growing role in the region's energy sector over the coming years. Under the terms of the agreement, a pipeline will link the Aphrodite field to Egypt's LNG facilities, enabling Cypriot gas to be liquefied and re-exported. According to Cypriot Energy Minister Giorgos Lakkotrypis, Egypt could be receiving gas within three years.

Re-opening its Damietta LNG facility is critical if Egypt is going to transform itself into one of the key players in the region's energy market. In September, the Egyptian government took an important step towards this, finally agreeing to settle the long-running dispute with Union Fenosa Gas – a joint venture company set up by Eni and Naturgy. The following month, Eni revealed that talks with Naturgy were making significant progress, and suggested that the facility could be back in operation this year.

A BRIGHT FUTURE

Looking back at the achievements of the past year, EGYPS 2019 once again looks to be at the forefront of efforts to transform the region into a genuine player in the global energy market. The hive of activity witnessed during the course of 2018 can only paint a picture of a bright future. As attention now turns towards the next decade, EGYPS will continue to enhance its role as the Mediterranean and North Africa's preeminent energy platform; a stage for pushing the industry forward into a prosperous next decade.

A WARM WELCOME FROM THE ORGANISERS OF THE EGYPT PETROLEUM SHOW

The third edition of the Egypt Petroleum Show returns to Cairo and the new Egypt International Exhibition Centre (EIEC) from 11 – 13 February 2019.

Held under the patronage of the President of the Arab Republic of Egypt, His Excellency Abdel Fattah El Sisi, and with the support of the Ministry of Petroleum and Mineral Resources, EGYPS 2019 is set to surpass all previous editions, welcoming international, local and regional policy and industry business decision-makers and over 20,000 oil and gas industry professionals.

On behalf of the co-organisers of EGYPS 2019, dmg events and ACG-ITF, I would like to extend a very warm welcome to all our exhibitors, sponsors, speakers, delegates and visitors.

EGYPS 2019 sees an expansion across the exhibition floor, where we will be hosting over 400 exhibiting companies including 13 international country pavilions, including Cyprus and Germany who are joining EGYPS for the first time. This edition will also see the launch of the Digitalisation Zone. The zone offers a dedicated focus on digitalisation in energy with start-up businesses, SMEs and global technology companies demonstrating their solutions and services through the exhibition.

In addition to the exhibition, EGYPS 2019 features 6 dedicated conference tracks - Strategic, Technical, Women In Energy, Security in Security, HSE In Energy and Finance and Investment Briefings - hosting over 200 expert speakers and more than 1,200 conference delegates.

The 2 day Strategic Conference will host global industry leaders and influencers continuing the conversation on producing, securing and delivering the energy needs of the future as industry dynamics shift and new energy hubs emerge.

The 3 day Technical Conference will host over 132 international technical experts, with 33 sessions across 11 dedicated technical categories, focusing upon opportunities and challenges across the upstream, midstream and downstream sectors. New for 2019 are 42 technical posters to be displayed across the exhibition.

EGYPS 2019 will also host 6 Women in Energy sessions alongside the second eagerly awaited Women In Energy Awards, where 4 female achievers within Egypt, North Africa and the Mediterranean's oil and gas industry will be celebrated and honoured during the Ceremony.

The 1 day Security in Energy Forum and HSE in Energy Forum and Award Ceremony will each

provide platforms hosting experts delivering critical insights into physical and cyber security across operations and achieving HSE excellence and safety cultures with smart digital technologies.

Finally, the Finance and Investment Briefings provide the opportunity to get right up to date with how operators and investors are funding the industry's future to support maximum growth and profits.

The 2019 Egypt Petroleum Show is just over a month away and I would like to take this opportunity to thank you all in advance for attending. We look forward to welcoming you to Egypt, North Africa and the Mediterranean's most important annual oil and gas industry show and providing you with the opportunity to do business.



EGYPS 2019 sees an expansion across the exhibition floor, where we will be hosting over 400 exhibiting companies including 13 international country pavilions

Jean Philippe Cossé
Vice President
dmg events



EXPLORING WHAT'S POSSIBLE

Where Ambitions Become Achievements

WWW.APACHECORP.COM



- #1 OIL PRODUCER IN EGYPT
- #1 GAS PRODUCER ONSHORE
- #1 AMERICAN INVESTOR IN EGYPT
- #1 ACTIVE DRILLER AND TECHNOLOGY LEADER

2019 EXECUTIVE COMMITTEE MEMBERS



- **His Excellency, Tarek El Molla**
Minister of Petroleum and Mineral Resources
Arab Republic of Egypt
- **Mohammed Safaan**
First Undersecretary for Oil Affairs
Egyptian Ministry of Petroleum and Mineral Resources
- **Osama Mobarez**
Undersecretary for Minister's Technical Office
Egyptian Ministry of Petroleum and Mineral Resources
- **Sara Salem**
Head of Conferences & Exhibitions
Minister's Technical Office
Egyptian Ministry of Petroleum and Mineral Resources
- **Bakheet Al Katheeri**
Chief Executive Officer
Mubadala Petroleum
- **Dato Abu Fitri A Jalil**
Chief Executive Officer
PETRONAS Egypt Operations
- **Emmanouil Markakis**
Oil Supply & Operations Senior Director and Country Manager, Egypt
Hellenic Petroleum
- **Demetris Fessas**
Executive Director
Cyprus Hydrocarbons Company
- **David Chi**
Regional Vice President and General Manager
Apache
- **Gasser Hanter**
Vice President Egypt and Country Chairman
Shell
- **Hesham Mekawi**
North Africa Regional President
BP
- **Fabio Cavana**
General Manager
Eni
- **Hesham El Amroussy**
Chairman and Managing Director
ExxonMobil
- **Nicolas Katcharov**
Vice President North Africa and Middle East Operations
Edison International
- **Hussam AbuSeif**
Country Director Egypt, Sudan & South Sudan
Baker Hughes, a GE Company
- **Peyami Oven**
Managing Director
Total
- **Kamel Al Sawi**
President
Kuwait Energy
- **Colby Fuser**
Vice President, Egypt and Libya
Halliburton
- **Karim Badawi**
Vice President & Managing Director
Schlumberger Egypt
- **Enaam Khamis**
Country Manager
Dragon Oil
- **Khaled Abu Bakr**
Executive Chairman
TAQA Arabia
- **Jean Philippe Cossé**
Vice President
dmg events
- **Salman Abou Hamzeh**
Portfolio Director
dmg events
- **Claire Pallen**
Conference Director
dmg events

EGYPS 2019 IN NUMBERS

EXHIBITION



28,000
Gross sqm



20,000
Attendees



400
Exhibiting Companies



8
National Oil Companies



14
International Oil Companies



13
Country Pavilions Exhibiting

CONFERENCE



1,200+
Conference Delegates



200+
Expert Speakers



42
Technical Posters



33
Technical Sessions



10
Strategic Sessions



6
Women In Energy
Sessions and Awards
Ceremony



5
Security in Energy
Sessions and Roundtables



4
HSE in Energy
Sessions and Award
Ceremony



4
CEO Strategic
Roundtables



2
Finance and Investment
Briefings

THE MUST ATTEND EVENT FOR OIL & GAS EXECUTIVES IN EGYPT, NORTH AFRICA & THE MEDITERRANEAN

Launched in 2017, the Egypt Petroleum Show is North Africa and the Mediterranean's most important oil and gas exhibition and conference held under the patronage of His Excellency Abdel Fattah El Sisi, President of the Arab Republic of Egypt where oil and gas professionals convene to engage in dialogue, create partnerships, do business and identify solutions and strategies that will shape the industry for future years.

EGYPS is a key platform in the North African energy calendar bringing together government representatives, key project owners, NOCs, IOCs, International Service Providers & Engineering, Procurement & Construction Companies, EPC contractors, consultants and financiers to address the evolving opportunities in the North African and Mediterranean energy arena.

WHY EGYPT?



TOP 5 REASONS TO ATTEND

- 1 **Meet new suppliers and seek potential new business partnerships**
- 2 **Meet and network with Egyptian, North African and Mediterranean oil and gas stakeholders**
- 3 **Gain market intelligence to identify new projects for potential joint venture opportunities and investment**
- 4 **Keep up to date with market trends and competitors new products and technologies**
- 5 **Source new products, innovations and industry solutions for your business**

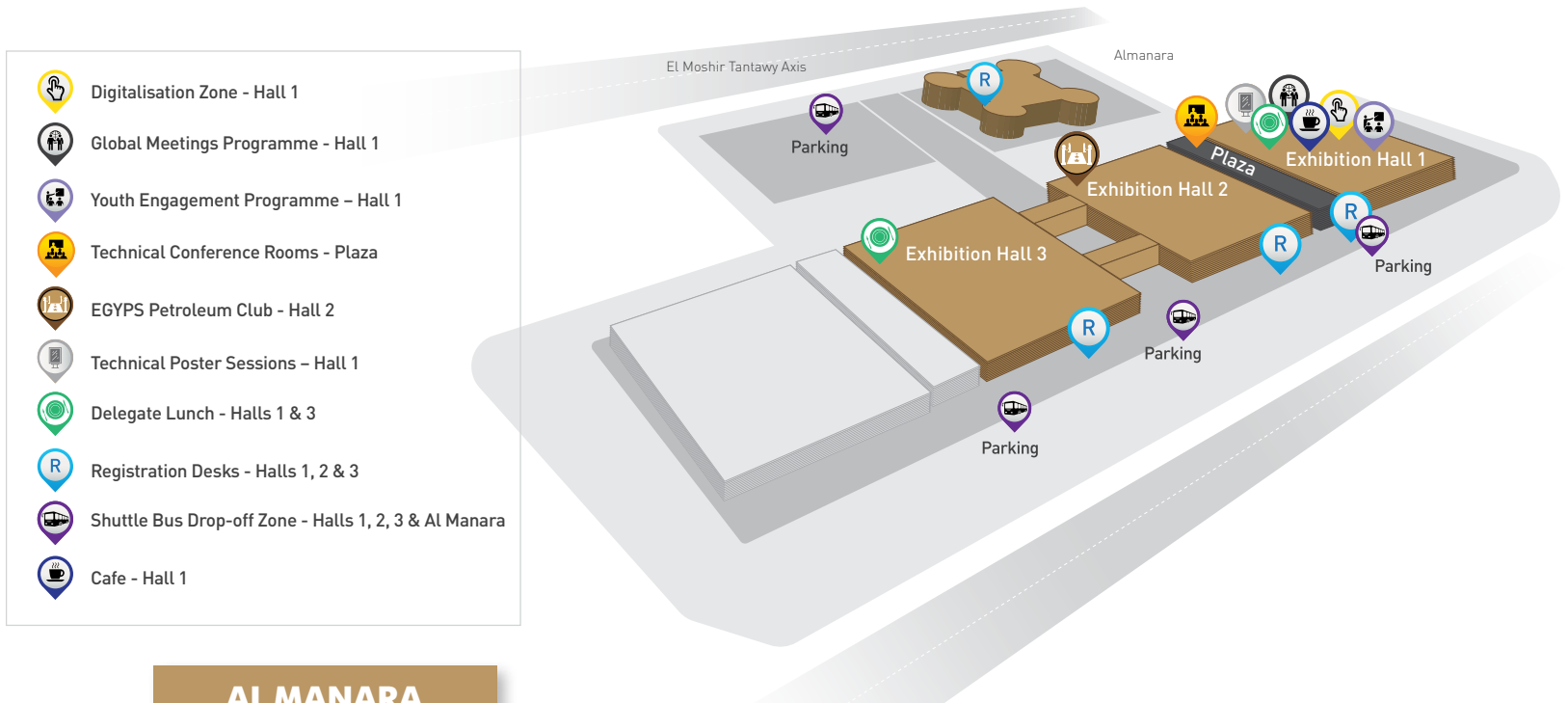
**REGISTER TODAY
TO VISIT**
WWW.EGYPS.COM/VISREG

**REGISTER ONLINE &
VISIT THE EXHIBITION**
TO STAND A CHANCE TO WIN AN
IPHONE XR DAILY



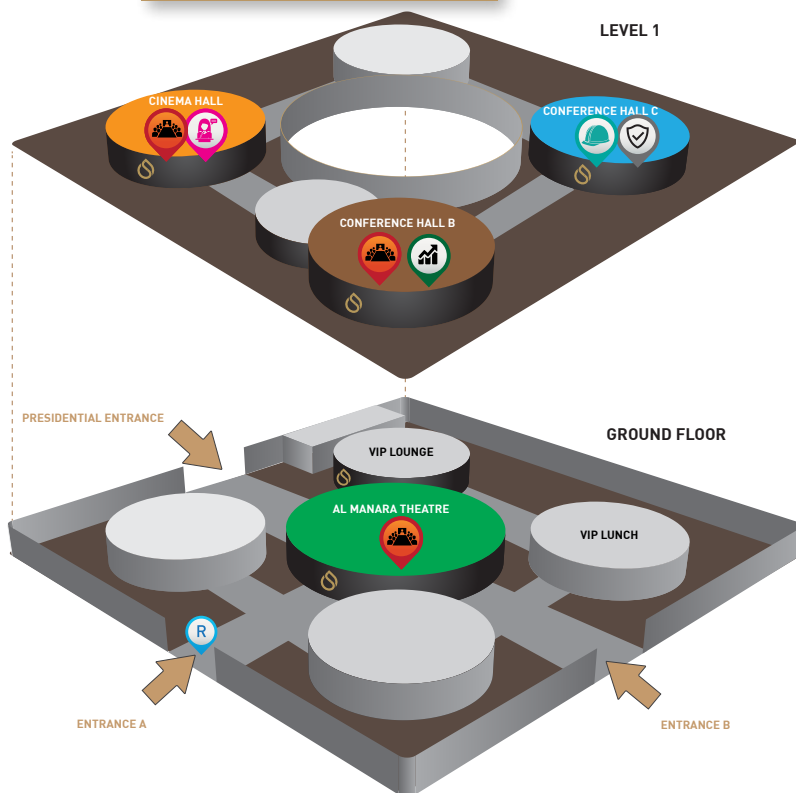
EGYPS 2019 VENUE MAP

EGYPT INTERNATIONAL EXHIBITION CENTER (EIEC)



- Digitalisation Zone - Hall 1
- Global Meetings Programme - Hall 1
- Youth Engagement Programme - Hall 1
- Technical Conference Rooms - Plaza
- EGYPS Petroleum Club - Hall 2
- Technical Poster Sessions - Hall 1
- Delegate Lunch - Halls 1 & 3
- Registration Desks - Halls 1, 2 & 3
- Shuttle Bus Drop-off Zone - Halls 1, 2, 3 & Al Manara
- Cafe - Hall 1

AL MANARA



- Strategic Conference Day 1 - Ground floor, Day 2 - Level 1
- Finance & Investment Briefings - Level 1
- Women in Energy Conference & Awards Ceremony - Level 1
- Security in Energy Forum - Level 1
- HSE in Energy Forum & Award Ceremony - Level 1
- Registration Desk - Ground floor

VENUE LOCATION:

Egypt International
Exhibition Center
New Cairo, 5th settlement
El Moshir Tantawy Axis
Cairo Governorate



BOOK YOUR TRAVEL AND ACCOMMODATION:



Rania Ahmed
Relationship Manager
Option Travel

+202 25170111
+202 25176444
+201150804949
egyps@optiontravel.com.eg

INCREASE YOUR COMPANY EXPOSURE DURING THE EGYPT PETROLEUM SHOW

AN EFFECTIVE MEDIA TOOL FOR YOUR BUSINESS

- Providing your business with guaranteed exposure to your target audience
- Showcase your products and services and increase traffic to your stand
- Increase your company profile and enhance your visibility across the show

The EGYPS 2019 Show Dailies Benefit From

- Exclusive distribution at all visitor and delegate registration desks throughout the venue
- Is the only publication circulated in the EGYPS Petroleum Club, the members only lounge, for the industry's business leaders
- Access to the entire EGYPS 2019 pre-registered database, with digital issues sent each morning of the show
- Being the only publication to benefit from a daily stand drop to each exhibition stand



Take advantage of and capitalise on
The EGYPS 2019 official
SHOW DAILY PUBLICATIONS

DEMONSTRATE YOUR BUSINESS STRENGTHS AND REACH YOUR TARGET AUDIENCE AT EGYPS 2019

FOR ADVERTORIAL AND ADVERTISING OPPORTUNITIES AND RATES
contact Ayman Rady email: ayman@egyptoil-gas.com

A JOURNEY TOWARDS SUSTAINABLE GROWTH

H.E. ENG. TAREK EL MOLLA, Egypt's Minister of Petroleum and Mineral Resources

IN ITS THIRD YEAR, WHAT ARE YOUR ASPIRATIONS FOR THE EGYPS 2019 CONFERENCE AND EXHIBITION AND HOW IS IT SUPPORTING YOUR AMBITION FOR THE EGYPTIAN OIL AND GAS SECTOR?

EGYPS is quickly becoming one of the most important oil and gas exhibition and conferences internationally, where oil and gas professionals and leaders convene to engage in dialogue, create partnerships, do business and identify strategies that help in shaping the future of our industry. My ambition is that this year we will continue highlighting our sector's success stories and increase prospects for further developments and progressive investments in the sector.

I am proud to see that in its third year, the Show has grown tremendously both in number of participants and in topics being discussed. This year we have more than 400 exhibiting companies ranging from different specialties within our sector as well as around 20,000 attendees from both local and international oil and gas companies. This year we also added more technical and strategic sessions and included new important topics that affect our industry, such as health, safety and environment (HSE) sessions, security in energy, and even financing and investment ones.

It is important to celebrate and emphasise the role of two minority groups that have a hand in many important sector successes and are usually undermined, which are women and youth. We have a whole day to celebrate our exceptional women in the energy sector and even award the outstanding ones. As for the youth, we have added this year a specific section for our young professionals. We collaborated with schools and universities to educate a group of students about our sector, technologies used and introduce them to the business world.

After only three years, EGYPS is now considered a key platform in the North African energy calendar bringing together government representatives, key project owners; national oil companies (NOCs); international oil companies (IOCs); engineering, procurement and construction (EPC) contractors; consultants; and financiers to address the evolving opportunities in the North African and Mediterranean energy region.

All this gives a vibrant signal to international investors and the whole world that the oil and gas sector in Egypt is of considerable importance both locally and globally. Such a distinguished gathering of

experts engaging in further discussions around the Egyptian sector is a strong sign of our commitment towards our foreign partners and encouragement of future investments. We are now ready as always to support and are committed to further collaborate for the benefit of our sector and the whole region.

CAN YOU PROVIDE US WITH ANY NEW INFORMATION RELATED TO THE COMING BID ROUNDS, ESPECIALLY THE RED SEA BID ROUND? HOW DO YOU EXPECT THESE TO BENEFIT THE SECTOR IN THE YEARS AHEAD?

In our efforts to improve the investment environment in the Egyptian oil and gas sector and gain our partners' trust, we worked on creating new fiscal regimes for the bid rounds. Concerning the upcoming Red Sea bid round, the new fiscal regime is gross split to eliminate the cost recovery mechanism to fast track the project.

The main completion elements for evaluating the winners are governmental entitlement, technical programme and signature bonus. All this will add more flexibility and benefits to improve the performance and encourage the IOCs to invest more. The bid round will unlock the Red Sea potential and attract new investment to escalate the development phase and achieve targeted production of oil and gas.

EGYPS 2018 WITNESSED THE START OF THE MODERNISATION OF JOINT VENTURES (JVS) WITH BAPETCO AS A ROLE MODEL OF THE MODERNISATION PROJECT ACROSS THE SECTOR. WHAT ARE THE MINISTRY'S RECOMMENDATIONS FOR JVS TO MAKE THIS MODERNISATION HAPPEN?

Let me start by explaining the reason behind such initiative of modernising the JVs. We embarked on a huge transformation project to enhance the whole value chain of our sector through the Modernisation Project. In order to continue with the project's many achievements, it was crucial to seize that momentum and enhance the overall work environment throughout our sector companies.

We started by creating a specialised programme to modernise JV companies making use of the support of our IOCs. The main objective is to create an effective business environment there and transform the JVs into world class organisations.

In order to ensure success of such transformation, we had to make sure that clear action plans were in place where adequate resources and early engagement with all shareholders were included. This process includes several phases and we started with the major JV companies in the sector. Bapetco was considered the pilot project for such transformation with the support of our partner Shell. It focuses on three main areas, which are improving operational aspects, governance, and developing people and talent. It was important to have the buy in of all stakeholders.



A specific steering committee headed by the CEO of the Egyptian General Petroleum Corporation (EGPC) and including representatives from all stakeholders involved like Shell, Bapetco and the Modernisation Project, was formed. Its main role is to support the process and overcome any challenges to ensure a smooth transformation project. This steering committee had a huge role in approving and getting the required investments as well as ensuring the availability of an experienced international consultant and I am quite optimistic with the results of Bapetco's modernisation. The main success of such a transformation process will happen through dedication and effectiveness of people involved.

We are currently in the phase of finalising the required agreements to start another modernisation project in Petrobel with Eni's support, followed by other similar programmes at Qarun and PHPC.

WHAT MESSAGE WOULD YOU LIKE TO DELIVER FOR THE YOUNG PROFESSIONALS?

I believe that the sector and the whole country are working so hard to enable the youth to become future leaders; I want to ask each and every one of them to seize this opportunity. There will be a huge change and transformation in our sector in the coming years enabling our youth to develop their skills and shine.

The Middle-Management Programme is not a once implemented programme, but it is proof of a change in culture and way of working that the ministry and the sector are adopting and will continue. There will be several and similar initiatives addressing the different levels of our employees, all concentrating on developing and appreciating our talented people.

I am quite sure that soon I will see many empowered sector youths full of energy, passion and commitment to the sector and our beloved Egypt. I am sure we will have excellent future leaders to drive the sector in the coming years.

The future is all yours, so do your best, never give up and be the change you want to see in the world.

MY AMBITION IS THAT THIS YEAR WE WILL CONTINUE HIGHLIGHTING OUR SECTOR'S SUCCESS STORIES AND INCREASE PROSPECTS FOR FURTHER DEVELOPMENTS AND PROGRESSIVE INVESTMENTS IN THE SECTOR.

EGYPS 2019 STRATEGIC CONFERENCE IN FOCUS

ENERGY LEADERS AND INFLUENCERS SPEAKING THIS YEAR



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



His Excellency Azhari A. Abdalla
Minister of Petroleum & Minerals
Republic of Sudan



His Excellency Dr Xiansheng Sun
Secretary General
International Energy Forum (IEF)



His Excellency Abbas AlNaqi
Secretary General
Organisation of Arab Petroleum Exporting Countries (OAPEC)



Patrick Pouyanné
Chairman and CEO
Total



Bob Dudley
CEO
BP



Marco Alverà
CEO
Snam



Dr Patrick Allman
Ward
CEO
Dana Gas



Stefano Cao
CEO
Saipem



Josephine Wapakabulo
CEO
Uganda National Oil Company



Mathios Rigas
CEO
Energean



Ali Al Jarwan
CEO
Dragon Oil



Nick Boyle
CEO
Lightsource Group



Dr Symeon Kassianides
Executive Chairman
Natural Gas Public Company (DEFA), Cyprus



Momar Nguer
President Marketing & Services
Total



Dato' Abu Fitri Bin Abdul Jalil
CEO
PETRONAS Egypt Operations



Massimo Mantovani
Chief Gas & LNG Marketing and Power Officer
Eni



Richard Tyrrell
Chief Development Officer and Board Member
Höegh LNG



Adnan Zainal Abidin
Vice President of LNG Assets
PETRONAS



Panos Benos
Chief Financial Officer
Energean



Brian Essner
Vice President of International Marketing & Egypt Country Manager
Noble Energy



Mahdjouba Belaifa
Head Gas Market Analysis Department (GMAD)
Gas Exporting Countries Forum Secretariat (GECF)



Artyom Sitnikov
Senior Banker – Natural Resources Team
European Bank for Reconstruction and Development (EBRD)

CEO NORTH AFRICA & MEDITERRANEAN ROUNDTABLES

Running simultaneously, the North African & Mediterranean CEO strategic roundtables provide the opportunity to gather market intelligence and examine project opportunities within the region's oil and gas industry

Strengthening the Mediterranean and North African upstream industry – project updates and upcoming opportunities

Getting to grips and retaining value within the Mediterranean and North African refining & petrochemicals industries: diversification, efficiency and smart growth

Gas & LNG buyers & sellers meet...increasing regional cooperation and security of supply

Re-energising Egypt: the roadmap to become a leading regional Energy Hub

NEW FOR 2019

CEO Finance & Investment Lunch Briefing

13:00 - 14:30 Tuesday 12 February 2019

Government representatives, NOCs, IOCs, local operators, local and international banks and private equity firms deliver the very latest oil and gas investment insights

Ministerial Opening Keynote: Egypt's continuous efforts in developing finance and investment opportunities that create economic growth

Unlocking project finance and creating investment opportunities in the global oil and gas industry

The role of M&As, JVs and IPOs in supporting the oil and gas industry quest for development and market penetration

CEO Finance & Investment Brunch Briefing

10:00 - 11:30 Wednesday 13 February 2019

Running simultaneously, the CEO Finance and Investment Roundtables provide the stage for direct face to face conversation with industry leaders spearheading the sectors oil and gas finance and investment

Roundtable 1: The ins and outs of Egypt's IPOs – overview and market opportunities

Roundtable 2: Review of Egypt's economic reform programme: restoring stability, confidence and boosting the country's growth

Roundtable 3: Attaining attractive project finance for smart growth and successful project delivery

4

EASY WAYS TO REGISTER

www.egyps.com/confreg

egyps.delegate@dmgeventsme.com

+971 2 697 0517, +2022 753 8401

+971 2 444 4383

DIGITAL TRANSFORMATION UNDER THE SPOTLIGHT AT EGYPS' NEW DIGITALISATION ZONE

As technology improves and working dynamics change, the digitalisation of the oil and gas sector represents an ongoing revolution. It enables the business processes, competencies and models to be transformed in a better and more accurate way, which provides the industry with the opportunity to reach the required efficiency level and remain competitive.

EGYPS 2019 sheds light onto digitalisation via the inaugural Digitalisation Exhibition Zone, sponsored by Baker Hughes, a GE company (BHGE). The zone looks at promoting the digital transformation of the industry and in particular the Egyptian oil and gas sector, which comes in line with the Ministry of Petroleum and Mineral Resources's Modernisation Project.

It accommodates multiple international companies, including BHGE, Landmark (Halliburton Company), Geomatrix Integrated Solutions, P2 Energy Solutions and others.

"BHGE will be showcasing its latest fullstream technologies. We will be presenting our portfolio, our technology and our people to radically transform the oil and gas industry and deliver unparalleled improvements in industrial yield for our customers. From reservoir to refinery, from the depths of the sea to the cloud," said Mirna Arif, Regional Sales Director at BHGE.

DIGITALISATION IN EGYPT

Applying digital transformation to the petroleum industry does not only include technological change, but also the optimisation of the sector's staff while dealing with the new applied digital systems and services.

In order to have a proper digital transformation, clear planning, governance and leadership represent a major necessity to measure the results of the digitalisation process. In Egypt, this process has been initiated through the Modernisation Project, under the guidance of H.E. Eng. Tarek El Molla, Minister of Petroleum and Mineral Resources.

The project looks at making better use of available data, attracting and developing talents, and enhancing operations and workflow. One of the project's initiatives on digitalisation is the institutionalisation of human capital through the creation of a data bank that contains information about all employees in the sector.

This initiative aims at building an effective system that enables effective performance management and early identification of talents. In addition to that, the digital transformation of Egypt's oil and gas sector includes the establishment of a data bank with the country's geological and hydrocarbon reserves data, which will enhance transparency and attract new investments to the sector.

The digitalisation of the Egyptian petroleum industry is based on leveraging new technologies to reach the next level of productivity. According to Matthias Heilmann, President and CEO of BHGE Digital



Solutions, the industry needs to move forward with these advancements in order to achieve the excellence aimed.

"While oil access and reserves matter, what is even more defining now is how oil and gas businesses are looking across the value chain and using digital technologies to optimise and deliver more efficient outcomes, as well as ensuring that their plant is performing at the highest levels, without unnecessary and costly interruptions. This is where 'digital' plays a big part," Arif said.

DIGITALISATION ENRICHING OIL AND GAS BUSINESSES

Investing in the oil and gas sector requires big capital complex machinery, and exploration and production (E&P) operations have many challenges that need connectivity to be solved. Digitalisation helps achieving this connectivity.

Connecting real-time data from wells and equipment helps operators make timely decisions regarding wells and equipment that are underperforming. This not only saves costs, but also increases productivity and leads to safer operations.

"Digitalisation will enable the country to drive even greater productivity and improved outcomes for existing assets," Arif noted.

Records from the International Energy Agency (IEA) point out that digitalisation could boost oil production by 110 billion tonnes of oil equivalent (toe), an increase of 3% from current reserves. Global conventional natural gas output could increase by 111 billion toe, or 3%.

Researches carried by McKinsey & Company also suggest that digitalisation leads to a potential reduction of 20% on oil and gas capital expenditures. On the upstream sector, operating costs could be cut by 3% to 5%. On the downstream sector, costs could be cut by half.

Besides the impact on field and refinery operations,

digitalisation also plays an important role on the distribution chain. The usage of global positioning system (GPS) on trucks, for instance, helps the oil and gas sector track fuel transmission and prevent trafficking to the black market.

Additionally, extensive data on efficiency and emissions can provide a better monitoring for HSSE performance and compliance, as data analytics can improve the understanding of environmental risks. Data driven insights enabled by digitalisation also open the way for new operating models.

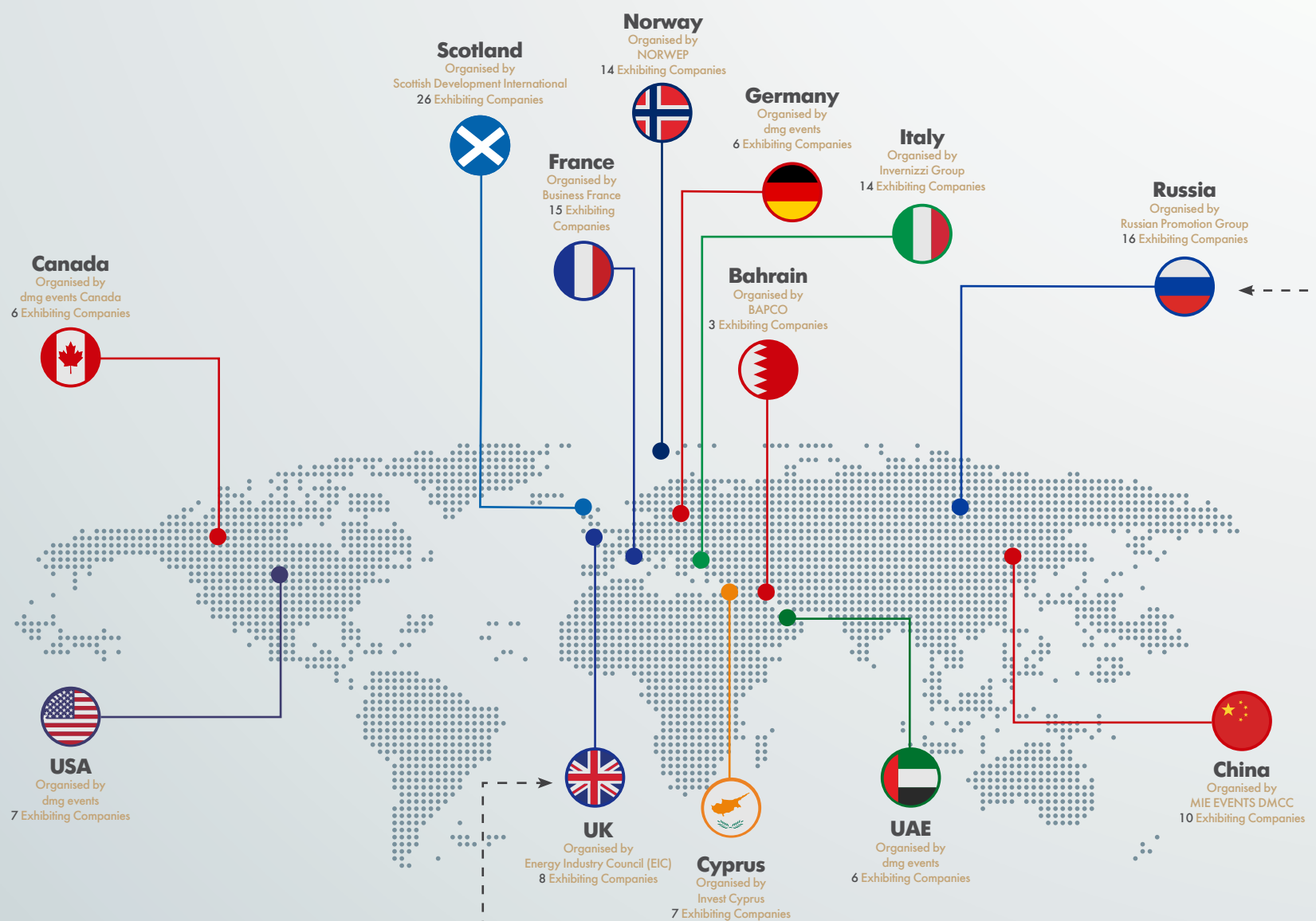
WELCOME TO EGYPS DIGITALISATION ZONE

In its previous edition, EGYPS witnessed the signing of important agreements designed to move the digitalisation of the Egyptian oil and gas sector forward. These agreements included a memorandum of understanding (MoU) between the Ministry of Petroleum and Mineral Resources and Schlumberger for establishing a website to market the hydrocarbon areas through a database that will contain Egypt's E&P activities; in addition to a MoU with BHGE to launch the Upstream Gateway Project, which looks at driving efficiency across Egypt's oil and gas sector through the management of bid rounds using BHGE's advanced digital solutions for data consolidation and aggregation in a secure central data lake.

EGYPS 2019 is now set to build on last year's success. The inaugural Digitalisation Exhibition Zone, especially launched to enhance the digital opportunities witnessed on the previous editions, offers exhibitors the opportunity to demonstrate their solutions and services in a special dedicated theatre, located in hall 1.

For attendees, the zone is an opportunity to learn about state-of-the-art technologies and engage with a number of leading technology companies and industry experts, all united under one roof with the same objective: revolutionising the business making and modernising the oil and gas sector.

13 COUNTRY PAVILIONS TO PARTICIPATE AT EGYPS 2019 INCLUDE:



It is with great pleasure that the Energy Industries Council (EIC), the leading trade association for companies working in the global energy industries, returns to EGYPS to host the UK pavilion. Having taken part in EGYPS from the first edition, we have seen how the event has gone from strength-to-strength, developing into the region's premier oil and gas conference and exhibition.

We recognise EGYPS as a key event for UK companies who are looking to expand into the North African market or grow their business even further within the region. The event enables them to showcase their innovative products and specialist goods and services to contractors and operators, who in turn know that UK companies can add real value to their projects and the local supply chain.

Camilla Tew
Head of Overseas Events, The EIC (Energy Industries Council) United Kingdom

EGYPS is a calculated opportunity for Russian manufacturers of oil & gas equipment and service providers to promote high quality products & services to a fast growing market. Considering the close ties of our leaders and long term relationships established between the two countries (Russia & Egypt) we can be sure of the success we achieve in this country through participating at the 2019 Egypt Petroleum Show.

Roman Gavrilin
Russian Promotion Group, Russia

EGYPT PROVIDES STRONG FOCUS FOR ENI

CLAUDIO DESCALZI, CEO, Eni talks about expanding its presence in the Middle East region

DIAMOND
SPONSOR



WHAT IS THE SIGNIFICANCE OF GETTING MUBADALA PETROLEUM INVOLVED IN THE EGYPTIAN SHOROUK CONCESSION?

We are very happy to be working with Mubadala Petroleum in the Shorouk concession, where the Zohr field is located. On the one hand, this represents a further signal about the strength and quality of this world class asset developed by our company and delivered in record time. On the other hand, this is an important and attractive investment for Mubadala Petroleum, adding a world-class asset to its portfolio with long-term cash flows.

YOUR FINDS IN EGYPT ARE ATTRACTING A LOT OF INTERNATIONAL ATTENTION - WHAT DOES THIS SAY ABOUT THE ASSETS AND OPPORTUNITIES IN EGYPT?

Egypt is not only Zohr, which certainly represents a game changer to allow Egypt to achieve energy independence. It also represents an energy stability factor in the region transforming the energy scenario in Egypt, the entire Eastern Mediterranean and much more. Nooros, for example, a gas field offshore from the Nile Delta discovered by Eni in July 2015, was put into production in September of the same year and is producing 20 million cubic metres per day in just 13 months after the discovery and ahead of schedule. In spring 2018, it has reached a production of 215,000 barrels of oil equivalent per day: the highest ever recorded by an Eni field in Egypt in the last 50 years.

In light of all recent discoveries, further resource potential and already existing infrastructure, Egypt has a crucial role to play in the Eastern Mediterranean. Egypt, for example, has the most developed infrastructure with transportation capacity of about 37 billion cubic metres per year, of which 70% is liquefied natural gas. The giant gas fields discovered and developed so far in the Eastern Mediterranean – in Egypt, Cyprus and Lebanon – have large volumes potentially available for export.

These factors are at the basis of the renewed interest in Egypt and more in general in the Eastern Mediterranean region.

HOW IMPORTANT IS DIGITALISATION FOR ENI? WHAT INITIATIVES HAVE YOU EMBARKED ON TO BECOME MORE DIGITAL?

In our industry, it is increasingly important to be able to process ever-increasing amounts of data, ensuring more accurate and faster results, and Eni strongly believes that digital transformation accelerates business opportunities and integration. The company has taken the path of digital transformation for several decades, long before the industry began to talk about it, and over time has managed to transform the need to process large amounts of data into a great competitive advantage.

Eni's digital transformation involves all areas of the company's activities: improving safety and health of the company's operators, further increasing reliability, operability and technical integrity of the plants, with benefits both in terms of safety and environmental impact; and strengthening of the economic-operating performances, developing new business models and speeding-up decision-making processes, which will become increasingly data-driven.

In the long term, digital transformation is integrated into a broader process of evolution that will make Eni even more integrated into its processes, increasingly able to combine emerging digital skills with traditional technical skills, open to innovation in collaboration with the most advanced technological start-ups, faster in their operational and work processes, increasingly attractive to young talents.



Our supercomputer enabled us to increase our modelling capacity without impacting the speed of response and with a significant reduction in climate-altering emissions. In fact, in line with Eni's sustainability policy, Eni's Green Data Centre as well as the new HPC4 have been engineered to ensure the maximum level of energy efficiency. The effects of climate change cannot be ignored, each of us must do his part, both human and supercomputers. This is a relevant part of our strategy and all our efforts are going toward this direction.

WHY DO YOU PUT A LOT OF EMPHASIS ON COLLABORATION?

It is part of our DNA so much that it is made explicit in our mission, where we say "we believe in the value of long-term partnerships with the countries and communities where we operate".

Collaboration with partners, countries and communities dates back to our founding and it is increasingly central in our strategies. An integration approach inspired by the "Mattei Formula" (a collaborative approach with host countries pioneered by Eni's first president Enrico Mattei): dialogue and cooperation with host countries is fundamental for us. But yesterday's "Mattei Formula" became today's "Local Content": by Local Content we mean the added value that Eni brings to the socio-economic context of the host country through the participation of local people and businesses in Eni's industrial activities; the transfer of skills and knowledge; and the reinforcement of communities' skills assets.

The value created by Local Content can be accomplished in many different ways: job creation, support for the growth of local business competitiveness, training and professional development of people, through the supply chain, thanks to the development of socio-economic and infrastructural systems, by transferring specific know-how, through the improvement of technologies, the activation of social projects and the support for equitable partnerships.

Part of this interview was first published in Pipeline Oil and Gas Magazine's November issue.



Zohr offshore rig. Courtesy of Eni

Eni owns HPC4, the world's most powerful supercomputer on an industrial level located at Eni's Green Data Centre. With HPC4 we are tracing the path for the use of exascale supercomputers in the energy sector that could revolutionise the way in which oil and gas activities are managed. Eni's supercomputer was designed to meet three main objectives: efficiency, reliability and security. HPC4 has a peak performance of 18.6 PetaFlop/s which, combined with the supercomputing system already in operation (HPC3), increases Eni's computational peak capacity to 22.4 PFlop/s.

Thanks to HPC4, in May 2018, Eni achieved a breakthrough in oil and gas reservoir numerical modelling: it executed 100,000 high-resolution reservoir model simulation runs, taking into account geological uncertainties, in a record time of 15 hours. In comparison, most reservoir engineers in the industry can run just one single simulation, run in a few hours with CPU-based hardware and software.



THE TECHNICAL ADVISOR TO THE OIL AND GAS INDUSTRY

We build trust and confidence

DNV GL is the global technical advisor to the oil and gas industry. We develop and share best practices for projects and operations by drawing on more than 150 years of deep technical expertise. From project initiation to decommissioning, DNV GL takes the broader view on risk management. With our global team of technical experts, we can offer the latest solutions in every hydrocarbon producing country. DNV GL is proud to be a strong partner of Egypt's energy industry.

Don't miss our technical experts at **EGYPS 2019** and join us for our free technical briefings at our stand **2A10** in hall 2.

www.dnvgl.com/oilgas

EGYPT, NORTH AFRICA & THE MEDITERRANEAN'S LEADING TECHNICAL CONFERENCE

Upstream, Midstream, Downstream topics in focus

The EGYPS Technical Conference brings together experts from the entire upstream, midstream and downstream oil and gas value chain providing the opportunity to share technical expertise and knowledge exchange offering critical insights into Egypt, North Africa and the Mediterranean's fast evolving hydrocarbon businesses.

The Technical Conference delivers 33 sessions across 11 technical categories, over 3 days at the Egypt International Exhibition Center. Join over 130 international technical expert speakers and share in their wealth of experience and knowledge.

Technical Conference Chairman

Returning to Cairo in February 2019, EGYPS continues to grow, becoming the largest and most influential Show not only in Egypt but also North Africa and the Mediterranean. We welcome and encourage technical experts from all sectors of the oil and gas value chain to join us and showcase their latest research, methodologies, solutions and technology, fostering synergy and cooperation across the oil and gas industry.



Nabil Salah Gaber
Deputy CEO for Production
Egyptian General Petroleum Corporation (EGPC)

EGYPS 2019 TECHNICAL CONFERENCE AT A GLANCE

NEW FOR 2019

33 TECHNICAL SESSIONS	132 TECHNICAL SPEAKERS	42 TECHNICAL POSTERS	11 TECHNICAL CATEGORIES	3 DAYS
11 TECHNICAL CATEGORIES	E&P Geoscience (GEO)	Gas Processing Technology and Operations (GPTO)	Power Generation Technology and Operations (PGTO)	
Operational Excellence, Maintenance and HSE (OEMH)	Oil, Gas and Unconventional Field Developments (OGUFD)	Offshore Technology and Operations (OTO)	Downstream: Refining, Petrochemicals and Fertilizers Technology and Operations (DRPFTO)	
Drilling and Completions (DC)	Project Management, Engineering Technology and Implementation (PMETI)	Marketing and Distribution of Refined Products (MDRP)	Connected Performance Technology and Services (CPTS)	

View the 33 Technical Sessions on page 20

4

EASY WAYS TO REGISTER

www.egyps.com/confreg

egyps.delegate@dmgeventsme.com

+971 2 697 0517, +2022 753 8402

+971 2 444 4383

2019 TECHNICAL COMMITTEE MEMBERS



ACHIEVING HSE EXCELLENCE THROUGH COMPANY-WIDE SAFETY CULTURE AND SMART DIGITAL TECHNOLOGIES

We often hear that there should be no compromise when it comes to health and safety, however, what does it take to make it a reality? The new EGYPS 2019 HSE in Energy Forum will address the most pressing HSE issues from an international panel of industry experts, providing insights into smart digital solutions, future oil and gas scenarios and international best practices that help enhance healthier and safer working environments, and ensure more sustainable oil and gas operations.

NEW FOR 2019



EGYPS
HSE EXCELLENCE IN
ENERGY FORUM AND AWARD

Wednesday 13 February 2019

CONFIRMED SPEAKERS INCLUDE:



Hesham El Amroussy
Chairman and Managing Director
ExxonMobil



Giorgio Guidi
Senior Vice President,
Safety, Environment and Quality
Eni



Eragbae Aikhoje
Vice President HSE
Total



Jim Andrews
Vice President HSE
Schlumberger



Anthony Brock
Group Head of Safety and Operational Risk
BP



Chris Hawkes
Health, Safety and Security Director, International Association of Oil and Gas Producers (IOGP)



Mohammed Bahatem
Director, HSSE and Asset Integrity Management
Mubadala Petroleum



Dennis Lynch
Global Director HSE and Service Quality
Halliburton



Ephraim Ebodaghe
Acting Corporate HSE Director
Dragon Oil



Bruce Basaraba
Head of HSSE and Sustainability
Dana Gas



Jaap Klein Nagelvoort
General Manager and Managing Director
Bapetco



Gamal Fathy Mohamed
CEO Assistant for HSE
EGPC



Blake Jared
HSE Manager
Apache



Wael Amin
Senior HSSE Manager
Kuwait Energy Company



Osama Elsaadawi
Modernisation Team Leader, Research & Development Manager
Oil & Gas Skills (OGS)

PROGRAMME SUMMARY

08:30

Registration and opening remarks

10:25

Panel discussion: International best practices in creating healthier, safer and more sustainable working environments

12:15

Panel discussion: What is the future of oil and gas HSE in Egypt, the Middle East and the Mediterranean?

09:40

Panel discussion: Next generation HSE: achieving reduced incidents and reaching zero fatalities through company-wide safety cultures and effective safety management systems

11:30

Panel discussion: Disrupting oil and gas HSE processes with state of the art smart digital solutions

13:00

Lunch and EGYPS 2019 HSE Excellence in Energy Award Ceremony

4 EASY WAYS TO REGISTER

www.egyps.com/confreg

egyps.delegate@dmgeventsme.com

+971 2 697 0517

+971 4 438 0361

SPONSOR



The EGYPS 2019 HSE in Energy Forum will culminate with the inaugural EGYPS HSE Excellence in Energy Award presented by His Excellency Tarek El Molla, Minister of Petroleum and Mineral Resources, Arab Republic of Egypt

The Shortlisted Finalists For The 2019 HSE Excellence In Energy Award Are:

Enppi

Shortlisted Finalist Entry

Solid waste management pilot project

How company-wide environmental policy and strategic direction can contribute towards the impact and influence of sustainable development

Kuwait Energy

Shortlisted Finalist Entry

HSE challenges of working in a mature field

Overcoming challenges and showcasing how small HSE actions when combined, can play a big role in well-functioning, working communities with safe working conditions

BAKER HUGHES
a GE company

Shortlisted Finalist Entry

HSE interactive 3D training

How technology simulated training can replace traditional techniques to improve overall training efficiency and effectiveness through the power of real applications

2019 Regional Select Jury members include:



Ali Hegab
Environmental Services Project Manager, Africa and Middle East
ExxonMobil



Blake Jared
HSE Manager
Apache



Mohammed Bahatem
Director, HSSE and Asset Integrity Management
Mubadala Petroleum



Ramy Khallaf
Senior HSE Manager
BHGE



Shahrul Nizar
Northern Middle East (NME) Region HSE Manager
Schlumberger



Stuart Shaw
Vice President Operations Egypt
BP



Wael Amin
Senior HSSE Manager
Kuwait Energy Company



Moataz Darwish
Deputy Chairman
Shell

NEW FOR 2019



EGYPS SECURITY IN ENERGY

Tuesday 12 February 2019

The changing global threat landscape requires new, out of the box approaches that will enable efficient response to the unexpected. What is more, oil and gas companies should be protecting themselves not only in the physical realm but also in cyber space. What is the key to ensure utmost physical and cyber security of your upstream, midstream and downstream operations?

CONFIRMED SPEAKERS INCLUDE



Richard Reed
Head of Corporate Crisis and
Continuity Management
Saudi Aramco



Hossam Amr
Head of Security
Schneider Electric



Fred Hales
Vice President Corporate Security
Halliburton



Scott Burney
Country Security Manager
Apache



Ian Cavanagh
Head of Upstream Modernisation
& Transformation
BP

PROGRAMME SUMMARY

08:30	Registration	11:50	Interactive roundtables 1. Contingency plans, crisis management and critical emergency response 2. Security risk assessment and management	13:15	Lunch and networking
09:30	Opening Remarks and Keynote Address				
10:00	Panel discussion: Partnerships as a basis for employee and critical assets security	12:30	Panel discussion: Taking full advantage of smart digital solutions to safeguard critical oil and gas assets		
10:45	Panel discussion: Identifying the Achilles' heel of your cyber security strategy and protecting against costly cyber attacks				

LEAD SPONSOR

Life Is On

Schneider
Electric

WHY SHOULD YOU ATTEND?



Discuss

and exchange ideas with security experts and oil and gas business leaders during interactive roundtables to gain insights into contingency plans, crisis management, critical emergency response and security risk assessment



Enhance

your skills and broaden your understanding about the most plausible threat scenarios in the Middle East, North Africa and the Mediterranean, and learn about efficient risk mitigation strategies



Learn

from new influencers working towards developing efficient cyber security strategies that will help protect your businesses from costly and ever more sophisticated cyber attacks



Ensure

your competitiveness by staying updated with the latest trends in technology, and find out how constantly evolving smart digital solutions can help safeguard your critical assets and employees



Network

with stakeholders in the oil and gas industry including senior security professionals and decision makers from NOCs, IOCs, government, EPC contractors, cyber security, infrastructure as well as technology and service providers

4

EASY WAYS TO REGISTER



www.egyps.com/confreg



egyps.delegate@dmgeventsme.com



+971 2 697 0517, +2022 753 8402



+971 2 444 4383





OPERATIONS
KEY STATISTICS

10

EXPLORATION, DEVELOPMENT
& PRODUCTION ASSETS

580

MMBOE 2P WI RESERVES
YE 2017

805

MMBOE 2C WI RESOURCES
YE 2017

28.0

KBOEPD WI PRODUCTION
2017

2005












YEAR OF ESTABLISHMENT

www.kuwaitenergy.co

VISIT US AT EGYP 2019

STAND 3B50 HALL 3

SCHEDULE OF

11 TECHNICAL CATEGORIES	 E&P Geoscience (GEO)	 Gas Processing Technology and Operations (GPTO)	 Gas to Power Generation Technology and Operations (PGTO)
 Operational Excellence, Maintenance and HSE (OEMH)	 Oil, Gas and Unconventional Field Developments (OGUFD)	 Offshore Technology and Operations (OTO)	 Downstream: Refining Technology, Operations and Marketing (DRTOM)
 Drilling and Completions (DC)	 Project Management, Engineering Technology and Implementation (PMETI)	 Downstream: Petrochemicals Technology, Operations (DPTO)	 Artificial Intelligence and Connected Performance Technology and Services (AICPTS)

TECHNICAL SESSIONS

DAY 1: MONDAY 11 FEBRUARY

14:00 – 15:30			15:30 – 17:00		
ROOM 1 Geoscience – new approaches	ROOM 2 Execution of offshore projects	ROOM 3 The Artificial Intelligence & machine learning era of oil and gas	ROOM 1 New promising exploration plays	ROOM 2 Successful project implementation solutions	ROOM 3 Ensuring oil and gas safety, cyber security and operational excellence
17:00 – 18:30					
ROOM 1 Unlocking potential of mature basins	ROOM 2 Mitigating project execution challenges	ROOM 3 Smart digital oil and gas solutions			

TECHNICAL SESSIONS

DAY 2: TUESDAY 12 FEBRUARY





10:00 – 11:30			11:30 – 13:00		
ROOM 1 New benchmarks for operational excellence	ROOM 2 Refining & petrochemical integration and growth	ROOM 3 Improving asset performance management with digital solutions	ROOM 1 Achieving HSE and operational excellence	ROOM 2 Refinery process enhancement	ROOM 3 Subsea and offshore operations and developments
14:00 – 15:30			15:30 – 17:00		
ROOM 1 Improving assets' integrity	ROOM 2 Petrochemicals – integration, expansion and development	ROOM 3 Subsea and offshore technologies	ROOM 1 Successful green solutions applications	ROOM 2 Improving energy efficiency in the oil and gas sector	ROOM 3 Reservoir engineering, evaluation, monitoring and testing

TECHNICAL SESSIONS

DAY 3: WEDNESDAY 13 FEBRUARY

10:00 – 11:30			11:30 – 13:00		
ROOM 1 Innovative techniques of drilling optimisation	ROOM 2 Reservoir characterisation and new technologies	ROOM 3 New developments in enhanced oil recovery	ROOM 1 Wellbore stability and downhole conditions	ROOM 2 Advancements in seismic surveys and technology	ROOM 3 Reservoir evaluations - challenges and lessons learned
14:00 – 15:30			15:30 – 17:00		
ROOM 1 Artificial lift and completion challenges	ROOM 2 R&D and gas processing enhancement	ROOM 3 Field surveillance and smart digital oil fields	ROOM 1 Production improvements and stimulation challenges	ROOM 2 Acid gas treatment and sulphur recovery	ROOM 3 Reservoir characterisation and integrated development planning

4 EASY WAYS TO REGISTER FOR THE CONFERENCE

 www.egyps.com/confreg
 egyps.delegate@dmgeventsme.com
 +971 2 697 0517, +20 22 753 8401
 +971 2 444 4383

CONFERENCES

STRATEGIC SESSIONS

DAY 1: MONDAY 11 FEBRUARY

14:00 - 14:45 Ministerial Session Shaping the future: enhancing developed collaboration between nations, finding new energy balances and meeting the world's energy demands	14:45 - 15:30 International Organisations In focus interview... setting the energy balance – energy leaders unite to discuss the world's energy future	15:30 - 16:15 Global Business Leaders... fast-tracking production, accelerating momentum and achieving success through innovation and effective leadership
16:15 - 17:00 Global Business Leaders... the competitive dynamics of a disruptive gas and LNG industry	17:00 - 17:45 Global Business Leaders... pushing the boundaries for downstream innovation, consolidation and diversification	17:45 - 18:30 EGYPS CEO North African and Mediterranean Roundtables

STRATEGIC SESSIONS AND FINANCE AND INVESTMENT LUNCH BRIEFING

DAY 2: TUESDAY 12 FEBRUARY

10:00 - 11:00 Leadership panel... shifting global dynamics and connecting the energy dots: from production, consumption and industry growth	11:00 - 12:00 Leadership panel... building legacies, creating history: the successful alliance of North Africa and the Mediterranean countries to boost production and achieve mutual goals	12:00 - 13:00 Leadership panel... redefining the gas and LNG playing field: the role of the Mediterranean in becoming a gas hub and the next natural gas hotspot
14:30 - 15:30 Leadership panel... digitising the future – adopting disruptive innovations and paving the way for a connected, data driven world	15:30 - 16:30 EGYPS 2019 closing remarks... the bridge between East and West: building foundations for a sustainable future energy mix	13:00 - 14:30 CEO Finance & Investment Lunch Briefing

SECURITY IN ENERGY SESSIONS

DAY 2: TUESDAY 12 FEBRUARY

09:30 - 10:00 Welcome Remarks And Keynote Address	10:00 - 10:45 Panel discussion: Partnerships as a basis for employee and critical assets security	10:45 - 11:50 Panel discussion: Identifying the Achilles' heel of your cyber security strategy and protecting against costly cyber attacks
11:50 - 12:30 Interactive roundtables 1. Contingency plans, crisis management and critical emergency response 2. Security risk assessment and management	12:30 - 13:15 Panel discussion: Taking full advantage of smart digital solutions to safeguard critical oil and gas assets	13:15 - 14:15 Lunch and networking

HSE IN ENERGY SESSIONS AND FINANCE AND INVESTMENT BRUNCH BRIEFING

DAY 3: WEDNESDAY 13 FEBRUARY

09:30 - 09:40 Welcome Remarks And Keynote Address	09:40 - 10:30 Panel discussion: Next generation HSE: achieving reduced incidents and reaching zero fatalities through company-wide safety cultures and effective safety management systems	10:30 - 11:20 Panel discussion: International best practices in creating healthier, safer and more sustainable working environments	10:00 - 11:30 CEO Finance & Investment Brunch Briefing
11:20 - 12:10 Panel discussion: Disrupting oil and gas HSE processes with state of the art smart digital solutions	12:10 - 13:00 Panel discussion: What is the future of oil and gas HSE in Egypt, the Middle East and the Mediterranean?	13:00 - 14:00 Lunch and EGYPS 2019 HSE Excellence in Energy Award	

WOMEN IN ENERGY SESSIONS

DAY 3: WEDNESDAY 13 FEBRUARY

09:20 Welcome Remarks And Keynote Address	09:45 Women in energy: Why the time is right for Egypt, North Africa & the Mediterranean to capitalise on its biggest assets	10:45 Attracting, retaining, advancing & sponsoring women: A nice to have or must have to achieving bottom line success?	11:30 Digital fluency & gender parity: How are these interconnected & why does it matter?
12:15 The middle management: A bridge between the present & the future	14:00 The impact of culture on the workforce: Analysing how cultural cognitive biases affect diversity, inclusion, wages, and mentorship within the business	14:45 The future is young: Building and developing an agile, competent and diverse workforce of the future today	15:30 - 17:00 Women In Energy Awards

CREATING OPPORTUNITIES. DEVELOPING PEOPLE.

Created and developed as a platform to foster mentorship and sponsorship opportunities for women in the oil and gas sector, the EGYPS Women In Energy Conference brings together empowered, successful leaders championing workplace diversity and inclusion to discuss the impact of a diverse workforce on the bottom line and why diversity is the right way forward.



EGYPS
WOMEN IN
ENERGY

Wednesday 13 February 2019

CONFIRMED SPEAKERS INCLUDE



Maria Moraeus Hansen
CEO
DEA



Pakinam Kafafi
CEO
TAQA Arabia



Iman Hill
Chief Operating
Officer
Energean Oil & Gas



Colby Fuser
Vice President for
Egypt and Libya
Halliburton



Pam Darwin
Vice President
Exploration for Africa
ExxonMobil



Eng Amira El Mazni
Independent Oil &
Gas Consultant



**Hussein Fouad
El Ghazzaway**
Independent Oil &
Gas Consultant



Laura Capra
Head of Reservoir
Engineering
Dana Gas Egypt



Leigh-Ann Russell
Head of Global
Procurement and
Supply Chain
Management
BP



Salma Al Hajeri
Director Reservoir
Engineering, Asset
Manager – Egypt
Mubadala Petroleum

CONFERENCE PROGRAMME SUMMARY

08:00	Registration & Coffee	11:30	Digital fluency & gender parity: How are these interconnected & why does it matter?	14:45	The future is young: Building and Developing an agile, competent and diverse workforce of the future today
09:20	Keynote Address	12:15	The middle management: A bridge Between the present & the future	15:30	Women in Energy Awards Ceremony
09:45	Women in Energy: Why the time is right For Egypt, North Africa & the Mediterranean to capitalise on its biggest assets	13:00	Lunch and networking		
10:45	Attracting, retaining, advancing & Sponsoring women: a nice to have or must have to achieving bottom line success?	14:00	The impact of culture on the workforce: Analysing how cultural cognitive biases affect diversity, inclusion, wages, and mentorship within the business		

LEAD SPONSOR



WHY ATTEND?

- Meet and learn from industry leaders about latest trends, opportunities, and benefits of diversity and inclusion in the industry
- Gain insights into technical and non-technical arenas where women are making tremendous contribution, and enabling advancement of the industry
- Take away solutions and ideas for best practices that you can implement in your day-to-day working to overcome challenges
- Be a part of the community, engage in dialogue and help create the dynamic industry of tomorrow



4

EASY WAYS TO REGISTER FOR THE CONFERENCE AND AWARDS CEREMONY

🌐 www.egyps.com/confreg ✉ egyps.delegate@dmgeventsme.com
☎ +971 2 697 0517, +20 22 753 8401 📠 +971 2 444 4383

VISIT US AT EGYPS 2019
STAND 2138 HALL 2



STEPPING UP GROWTH WITH ENERGY



TransGlobe Energy
CORPORATION

Celebrating female talent in the oil and gas industry, the 2nd edition of the EGYPS Women In Energy Awards received 114 entries from many talented women across Egypt, North Africa and the Mediterranean. The Awards are led by a high-level, unbiased Regional Select Jury comprising of industry leaders and academics from oil and gas companies and leading Universities.

EGYPS
WOMEN IN
ENERGY AWARDS

Wednesday 13 February 2019

Following the Regional Select Jury meeting, the shortlisted finalists for the 2019 Women In Energy Awards are:

WOMEN IN LEADERSHIP

1



Lilian Mahfouz
North Middle East
Workforce Lead
Schlumberger



Mirna Arif
Regional Sales Director
Baker Hughes, a GE
company



Azza Kamel
Chairman Assistance for
Exploration
Wasco Pet. Co.

SPONSORED BY



NEX-GEN FEMALE OF THE YEAR AWARD

2



Sara Mansour
Instrumentation &
Control Engineer
Egyptian Natural Gas
Company (GASCO)



Dina Gamal
Lubrication Field Engineer
ExxonMobil Egypt



Nihal Darraj
Reservoir Geomechanics
Engineer
Advantek Waste Management LLC

SPONSORED BY



STEM STAR OF THE YEAR NEW FOR 2019

3



THE WINNER WILL BE ANNOUNCED AT THE THE AWARDS CEREMONY

SPONSORED BY



EMPLOYER OF THE YEAR CHAMPIONING INCLUSION & DIVERSITY

4



ExxonMobil

Schlumberger



2019 Regional Select Jury Members Include:

Co-Chairman



Eng Amira El Mazni
Independent Oil &
Gas Consultant

Co-Chairman



**Eng Hussein Fouad El
Ghazaway**
Independent Oil & Gas
Consultant



Salma Al Hajeri
Director Reservoir
Engineering, Asset
Manager - Egypt
Mubadala Petroleum



Karim Badawi
Vice President and
Managing Director
Schlumberger



Karim Alaa
General Manager
BP Egypt



Nihad Shelbaya
Public and
Government Affairs
Manager
ExxonMobil



Hussam Abu Seif
Country General
Manager
Baker Hughes,
a GE Company



Dr Ghada Bassioni
Associate Professor and
Head of the Chemistry
Department, Faculty of
Engineering
Ain Shams University,
Cairo



Eng Gehad Nasr
Country Chairman
Chevron Egypt
Lubricants S.A.E



Dina Fouda
Transformation
Manager
Shell

Join us on Wednesday 13 February to honour and celebrate exceptional female talent in the Egyptian, North African & Mediterranean oil and gas industry

4 EASY WAYS TO BOOK YOUR SEAT

www.egyps.com/confreg egyps.delegate@dmgeventsme.com +971 2 697 0517, +20 22 753 8401 +971 2 444 4383

NEW FOR 2019



EGYPS YOUTH ENGAGEMENT PROGRAMME

SPONSORED BY

ExxonMobil

THE PROGRAMME OFFERS 4 EXPERIENTIAL AND EDUTAINMENT ZONES



Museum Zone

which will have an interesting journey exploring the discovery, extraction and production of oil and gas in Egypt. Students will have the opportunity to walk through time and learn key milestones of the history of the Egyptian oil and gas industry



Oil & Gas Cinema

This zone will be set up as cinema theatre with colorful seats and will provide the students an opportunity to learn about Oil and Gas through watching selected movies



Health and Safety Zone

In this zone students will gain awareness about the hazards of working in oil & gas fields. Students will learn the importance of site safety, current regulations, equipment choices and available solutions.



Engineering Zone

In this zone students will learn some of the engineering design processes. Students will work as a team in building a prototype of a specific project that will be given to them upon their arrival to the zone. Students will learn the following skills: Problem solving, big thinking and team working skills.

To sponsor, contact Sangeeta Dhanak at egypts.sales@dmgeventsme.com

C-SUITE NETWORKING OPPORTUNITIES AT THE REGION'S MOST IMPORTANT OIL & GAS SHOW



EGYPS PETROLEUM CLUB

SPONSORED BY

ExxonMobil

The EGYPS Petroleum Club is an exclusive membership for oil & gas executives. The Club provides a private environment for industry leaders to network, strengthen existing connections and forge new relationship. Onsite at EGYPS, the Petroleum Club offers members comfortable facilities in a tranquil setting to encourage networking in a relaxed environment. Membership is free of charge, however members must complete the application form and be formally accepted before membership is permitted.



EGYPS PETROLEUM CLUB MEMBERS ENJOY:

- Fast-track entry into the Egypt Petroleum Show with your Petroleum Club badge
- Access to a private environment off the busy Exhibition floor to conduct face to face business
- An environment to facilitate opportunities for networking with industry peers
- Media-free zone to ensure privacy
- Complimentary refreshments available for all members
- Access to the exclusive Petroleum Club at any time during EGYPS

WHO CAN I CONTACT TO BECOME A MEMBER?

+971 2 697 0506, +971 2 444 4909

egyptspetroleumclub@dmgeventsme.com

80 YEARS OF SUCCESS IN EGYPT: AN INTERVIEW WITH KARIM BADAWI

Schlumberger Managing Director for Egypt and the Mediterranean

GOLD SPONSOR

Schlumberger

SCHLUMBERGER CELEBRATED IN 2018 ITS 80TH ANNIVERSARY IN EGYPT. WHAT ELEMENTS OF THE EGYPTIAN OIL AND GAS SECTOR MAKE SCHLUMBERGER'S HISTORY IN THE COUNTRY SUCCESSFUL?

The Egyptian oil and gas sector has been extremely fruitful for Schlumberger since we started operations in 1937. The sector in Egypt is very diverse and has oil and gas resources that require different types of technology for discovery and production. Schlumberger's diverse technology portfolio has always played a key role to help our clients maximise the returns for their assets. This was true 80 years ago and still is, especially after the mega discovery of Zohr natural gas field and other key projects, such as West Nile Delta, North Alexandria and Atoll.

Another key element enabling Schlumberger's success in Egypt is the amazing talent pool of men and women in the team and in the industry, and the great teamwork and collaborative spirit that exists in the sector.

WHAT ARE SCHLUMBERGER'S CURRENT PROJECTS IN EGYPT?

Schlumberger has been very active in helping our clients with development and exploration in the Western Desert and in the ongoing production in the Gulf of Suez. Schlumberger's leadership in the seismic field has also been key for the multiclient project in the Red Sea, which will lead to a licensing round and future exploration of a new unexplored area of Egypt, opening great investments in the oil and gas sector.

The multiclient agreement for the Gulf of Suez is another key project, which will help existing operators find new horizons to produce from and attract new operators into the region. Schlumberger delivery for the Zohr early production facility was also a milestone, supporting the growth of the facilities sector and bringing in state-of-the-art technologies to improve health, safety and environment (HSE), and efficiencies.

COULD YOU COMMENT ON THE THREE AGREEMENTS SIGNED BY SCHLUMBERGER IN DECEMBER? HOW DO THEY IMPACT THE FUTURE OF THE OIL AND GAS SECTOR?

We have signed three very important agreements during the celebration of our 80th anniversary in Egypt. The first is about HSE collaboration and the second about capacity building - both signed with the Ministry of Petroleum and Mineral Resources, represented by Eng. Abed Ezz El Regal, CEO of the Egyptian General Petroleum Corporation (EGPC). The third agreement is about technology cooperation in surface facilities and processing signed with Petrojet, represented by Eng. Waleed Lofti, Petrojet Chairman.

The three agreements have a direct impact on the future of the oil and gas sector as they are key enablers to the Modernisation Project led by petroleum minister H.E Eng. Tarek El Molla. The agreements are all about leveraging the latest of Schlumberger best practices and technologies in each of these domains and sharing expertise with our local partners in the oil and gas sector. We look at working together on improving HSE culture in the Egyptian sector, helping develop the human capital, in addition to improving efficiencies and safety performance of the facilities infrastructure in Egypt.

HOW WILL THE PETROLEUM INDUSTRY BENEFIT FROM THE EGYPT CENTRE OF EFFICIENCY (ECE), RECENTLY INAUGURATED BY SCHLUMBERGER?

The recently inaugurated ECE is one of the biggest Schlumberger facilities worldwide. It is designed and implemented to bring to Egypt the latest technologies necessary to provide the Egyptian oil and gas sector with state-of-the-art maintenance capabilities.

The facility was designed to have optimum efficiency, and enable safe and flawless preparations for our services and products which are delivered to our clients in the oil and gas sector. In addition, it holds a learning centre to help develop our existing and future personnel and other stakeholders. The centre is fully connected to the rest of the world through our intranet, enabling all the worldwide expertise and best practices to be simultaneously leveraged by our teams, providing best in class service to the oil and gas sector in Egypt and also enhance best practices at Schlumberger's worldwide operations.

The ECE is also a key platform and infrastructure which we are using and will continue to use to help in our capacity building agreements as well as the contributions to the Modernisation Project.

WHAT ARE SCHLUMBERGER'S EXPECTATIONS FOR EGYPS 2019?

EGYPS 2019 will be an outstanding forum to share the several success stories that took place in Egypt's oil and gas sector over 2018. Egypt has successfully given the example of what can be achieved when companies work collectively with the sense of partnership, collaboration and teamwork. This spirit has been fostered over the last couple of years by the Ministry of Petroleum and Mineral Resources, national and international oil companies, joint ventures, and service companies.

EGYPS 2019 also represents a great opportunity to exchange best practices from various parts of the world, and help all participants to further see how we can all contribute to making Egypt an energy hub. I also expect it to help Egypt increase oil production and foster the ongoing growth of natural gas discoveries and production.

I also see EGYPS 2019 as a great platform to help promote further activities in the Gulf of Suez, and the



promotion of exploration in the Red Sea after the upcoming licensing rounds, following the multiclient seismic activity and processing. This will be a key opportunity to attract further foreign investment into Egypt, which will help in the growth of the Egyptian oil and gas sector and will fuel the Egyptian economy.

EGYPS 2019 HAS A NEW DIGITALISATION ZONE. IN YOUR OPINION, WHAT ROLE DOES DIGITALISATION PLAY IN THE SECTOR'S TRANSFORMATION?

Digitalisation is extremely important for the ongoing success of the oil and gas sector and is an essential element of the Modernisation Project. Having a new Digitalisation Zone in EGYPS 2019 brings digitalisation under the spotlight and helps bring together the latest of technologies and projects ongoing in the sector in Egypt and other parts of the world. This will help drive the investment needed in this domain at all levels. I am personally looking forward to this new zone in EGYPS 2019 and I anticipate that it will be full of energy for the acceleration of the Egyptian oil and gas sector's digitalisation.

WHAT MESSAGE WOULD SEND TO COMPANIES WILLING TO INVEST IN EGYPT?

The spirit of partnership, collaboration and teamwork that you will find in Egypt is truly great and all partners in the Ministry of Petroleum and Mineral Resources, national and international oil companies, joint ventures, and service companies, work as one team to achieve world-class records and improve the efficiencies in the system. The tangible reforms done and the payment of arrears to oil companies and service companies are a great example that there is positive change in the sector.

I would also highlight that the vision of the Modernisation Project is a key positive change and roadmap driving the sector into best in class standards. Schlumberger is very positive about the growth of the oil and gas sector in Egypt and we have just celebrated 80 years of our presence in Egypt with the inauguration of one of the biggest facilities in the world for us under the patronage of both H.E Eng. Tarek El Molla and Schlumberger Chairman and CEO Paal Kibsgaard.



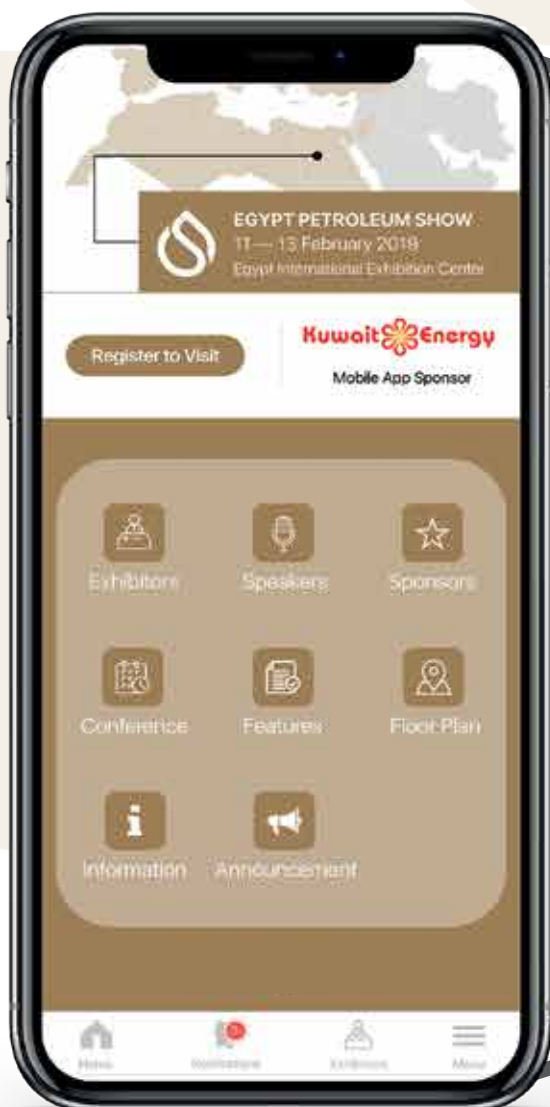
11-13 February 2019

Egypt International Exhibition Center

SUPPORTED BY



INTRODUCING EGYPS 2019 MOBILE APP



Plan your trip in advance - view the exhibition floorplan and see who is exhibiting and who you can meet



Host to 5 Conferences - view the speakers, sessions and dedicated strategic and technical oil and gas topics



Gain access to the entire A-Z exhibitor listing and view details of their products and services across the oil and gas value chain



Optimise your visit to EGYPS by personalising your calendar with an overview of what is happening where and when



With live updates, be one of the first to find out what's happening during EGYPS with real time notifications

DOWNLOAD NOW
TO ENHANCE YOUR EXPERIENCE



SCAN QR CODE

SPONSORED BY



AVAILABLE ON IOS AND ANDROID



www.egyps.com

EGYPS 2019 PAVES THE WAY FOR NEW BUSINESS OPPORTUNITIES

As the largest oil and gas event in Egypt, North Africa and the Mediterranean, it is no surprise that EGYPS serves as a powerful engine for new business opportunities inside and outside of Egypt. The event's magnitude - which brings over 400 national and international exhibiting companies and over 20,000 attendees together under one roof - creates a fruitful environment for networking, and technology and knowledge sharing, which not only strengthens ties between companies in Egypt and around the globe, but ultimately results in the signing of prominent oil and gas agreements.

EGYPS 2018 SUCCESSFUL AGREEMENTS

Last year, Egypt's petroleum minister H.E Eng. Tarek El Molla opened the Egypt Petroleum Show with a speech that left no doubt on the game-changing role that EGYPS has played in the region since its first edition in 2017. The minister chose the occasion of the opening ceremony to announce multiple initiatives that would be implemented in the Egyptian oil and gas sector. As the event progressed, a number of agreements were signed on the exhibition floor in line with the initiatives announced by the minister.

The initiatives included enhancing the cooperation with international companies engaged in marketing petroleum products, with the objective of improving the quality of fuel and offering a new gasoline product to cope with modern developments. In addition to that, the minister disclosed Egypt's intentions to attract new investments to the Gulf of Suez area, significantly increase total production, improve joint ventures efficiency, and enhance communication between workers.

Following the opportunities announced by the minister, EGYPS 2018 witnessed the signing of an important agreement of cooperation between the Ministry of Petroleum and Mineral Resources and Baker Hughes, a GE company (BHGE). The agreement established the launching of the Upstream Gateway Project, a secure data bank that draws a digital investment map for Egypt's concession areas, looking at driving efficiency across Egypt's oil and gas sector through the management of bid rounds.

Shell also inked an agreement for the development of its joint venture with the ministry, the Badr Petroleum Company (Bapetco). The deal aimed at maximising the company's assets and production, in addition to applying governance standards and improving performance levels. As a result of the collaborative work done throughout 2018, Bapetco was selected by the ministry as the pilot of joint ventures modernisation under the Modernisation Project, serving as a role model to other companies in Egypt.

EGYPS 2018 also witnessed the signing of an agreement between the ministry and Schlumberger, which established the conduction of a regional seismic survey in the Gulf of Suez to promote new E&P opportunities and increase production in the area.

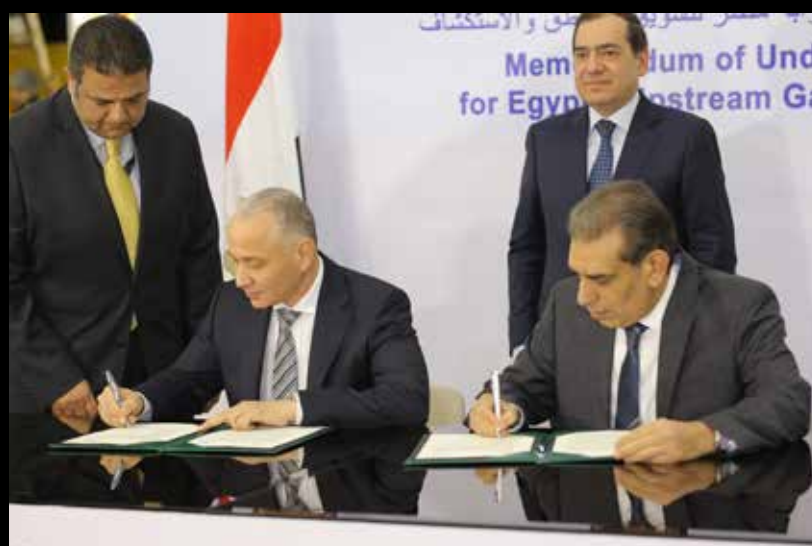
In addition to the agreements signed with the ministry, many other companies found business opportunities and signed deals during the three days of the show.

NEW OPPORTUNITIES IN 2019

The Egyptian petroleum sector has significantly improved in the year of 2018, with new economic and legal policies to attract investments, and great improvements in field practices. This is a direct result of the country's national economic reform, in addition to the oil and gas sector's Modernisation Project, developed under the guidance of minister Tarek El Molla. The sector not only reaches a new era of digitalisation, but also outstanding milestones in terms of energy supply and international cooperation.

As the Egypt Petroleum Show continues to grow with the country, this year's edition holds greater business prospects. The show is the ministry's sole platform to ensure its strategy to gain international exposure and global acceptance for Egypt to become a regional energy hub, and has all the key elements to allow new opportunities to flourish.

Agreements signed at EGYPS 2018





Jotun Protects Property

Extend your maintenance interval with 50%



The world's only NORSOK compliant surface tolerant paint system for brush and roller

Barrier

SMART PACK

ZINC RICH PRIMER

Jotamastic

SMART PACK HB

MASTIC PRIMER

Hardtop

ONE

TOPCOAT

VISIT US AT EGYPS 2019
STAND 2B70 HALL 2



PIPECHECK SOFTWARE BRINGS SURFACE CORROSION ASSESSMENT TO FULL PIPE JOINTS



Pipeline operators and NDT service companies are facing increasing pressure from regulatory authorities and environmental groups to guarantee pipeline network integrity to keep maintenance costs down and backfill excavation sites as soon as possible. The use of surface inspection tools that are reliable, efficient, and user-friendly is of the utmost importance. Creaform has the most trusted 3D technology solution for pipes up to 18 m in length, which includes a portable handheld 3D scanner and Pipecheck software. It saves both time and money without compromising on diagnostics.

Since its introduction in 2011, Pipecheck software has become established as the standard for providing accurate and reliable NDT surface damage diagnostics on both the inner and outer linings of pipes, using both ultrasonic testing and 3D scanning, whether for corrosion, dents or gouges in metal.

PIPECHECK FEATURES:

- » Full-pipe joint assessment of up to 18 m pipes: Surface inspection of up to 142 cm in diameter.
- » Faster analysis and reporting: On-site analysis and reporting up to six times faster.

- » Enhanced workflow: Data analysis is performed in sections and analysed together to produce a single comprehensive final report, so pipeline owners have the crucial information needed to act quickly.
- » Multi-scanner capability: Divide inspection time by the number of scanners used to ensure faster total inspection time.
- » Other key competitive advantages of the Pipecheck solution include reliable and repeatable measurements that are independent of the operator's or technician's skills.

Inspections that used to take days can now be performed in only a few hours with direct on-site reporting using Creaform technologies. With Pipecheck it is possible to scan, analyse, and report data from a full pipe joint in less than a day.

For more information on the use of Pipecheck software and 3D scanning for pipeline integrity assessment, visit Creaform's NDT experts at EGYPS 2019 at booth 2E25.

STAND NUMBER: 2E25 HALL 2

SILVER-TEC: YOUR WAY TO GO ON GAS DETECTION

Silver-Tec manufactures a diverse range of industrial fixed gas detection instruments to meet all applications and are designed to operate in the most demanding environments. We offer industry-leading design, engineering, installation, calibration, commissioning and maintenance of fixed gas detection systems. Detection of many flammable and toxic gasses is made possible through the use of the Silversafe series.

Silver-Tec also offers a fire and gas monitoring system: the ST7-HV panel. The ST7-HV system is a programmable PLC suitable for safety and security installations with a high technological and economic content to ensure safety of people and protection of assets within commercial and industrial environments. This system is ideal for process plants, refineries, energy production factories, governmental and public buildings, military, naval installations and many more. The ST7-HV system has state of the art technology that covers fire and gas detection as well as CCTV and security systems.



In addition, SilverAlarm also offers a range of fire alarm systems including smoke/heat detectors, manual call points, sounders, flashers and input/output modules.

STAND NUMBER: 2J45 HALL 2

XODUS: BROAD LIFECYCLE EXPERIENCE FOR VALUE CREATION

At EGYPS 2019, we will be showcasing our broad lifecycle experience in Egypt, ranging from mergers and acquisitions advisory services to onshore and offshore field development and execution support. There is huge value to be unlocked in Egypt's developing new fields, optimising operations of existing developments and extending field lives to maximise recovery and value to the stakeholders.

In 2019, Xodus will provide advisory support to a major investment entity on significant transactions in Egypt and deliver a substantial FEED for a major operator in the Mediterranean. We are also exploring opportunities to implement our latest asset integrity management technology tool, XAMIN (Xodus Asset Management and Integrity Network), bringing North Sea and international best practice to offshore Egypt assets.

We can offer a complete Field Development Planning service from the reservoir to point of sale through our sub-surface, wells, facility engineering and environmental expertise. Our connections to the investment community help us to deliver both technical and commercial solutions to move projects through the final approval process. Our skillsets cover onshore and offshore (including deep and ultra-deep water) assets across the whole life cycle from field development through the operational phase, including production optimisation, debottlenecking and



integrity management, to late life field and facilities management. Our experience puts us in a unique position to provide our clients with solutions which support their investment strategy.

Looking to the future, we aim to leverage our international experience in renewable energy and involvement in windfarms, interconnector cables and solar energy, and transfer knowledge to offshore and onshore greenfield and brownfield developments in the oil, gas and utilities industries.

The Modernisation Program championed by His Excellency Tarek El Molla, Minister of Petroleum and Mineral Resources, has created a buzz around Egypt's oil and gas sector again. Economic growth and the demand for electricity has increased the growth of oil and gas exploration and production. Investment in the sector is growing and Xodus expects to be a major part of the value creation story. The establishment of our Egypt office reflects belief in the long-term growth and prosperity of the Egyptian energy market.

STAND NUMBER: 3A71 HALL 1

MAZENCO MARINE SERVICES: MAKING OPERATIONAL READINESS POSSIBLE



We offer a range of flexible and reliable oil and gas service solutions which are tailored to the needs of our clients. We would be delighted to tell our visitors more about it face-to-face. We would be happy to assist our clients in meeting the day-to-day challenges posed by the need to facilitate full-capacity utilization of their assets whilst also ensuring their complete operational readiness.

At our booth, we shall provide information on the wide variety of services we offer like arrival and departure procedures at Egyptian ports, marine units maintenance, dealing with Egyptian authorities, issuing certificates, helideck license, aviation services, NTRA

license, customs clearance, Free Zone permits, vessels and equipment rentals, fuel and fresh water supply, cargo shipments, meet and greet, transportation, crew change, canal and straits transits, etc., which are available for contracting on a short-term or long-term basis.

We are currently updating our clients with potential leads about our future development plans that include adding new services and additional locations to enhance our operational coverage along with stretching our service range. The MMS booth team will be happy to explain and advise on the entire range of services we offer.

STAND NUMBER: **2G74** HALL 2

HOERBIGER – TAYLOR-MADE PERFORMANCE FOR RECIPROCATING COMPRESSORS

HOERBIGER is active throughout the world as a leading player in the fields of compression technology, drive technology and hydraulics. In 2017, its 7,300 employees achieved sales of 1.173 billion euros. The HOERBIGER brand is synonymous with components and services providing high customer value in compressors, industrial engines and turbines, automotive drivetrains, and multifaceted mechanical engineering applications. HOERBIGER industrial safety and explosion mitigation solutions save lives and equipment. We set standards.

HOERBIGER has an optimized solution for every reciprocating compressor application. Recognizing that customers' needs follow different requirements, we have developed appropriate products and services to address these needs. They provide measurable and long-term improvements in term of reliability, efficiency, environmental soundness and lean design of reciprocating compressors.

Services from HOERBIGER are designed to allow you to focus on what you do best: running your plant profitably. We call this PerformanceXperience® – PX for short. You benefit from the advantages of genuine performance. As the name suggests, PerformanceXperience® gives you an opportunity to benefit from services designed for performance and based on experience.

Performance means improved overall equipment performance and greater competitiveness for you. Best business



cases and optimised return on investment through performance-defining products and solutions based on unique HOERBIGER technology. Experience means services that genuinely meet your needs which include extensive engineering and process knowledge related to machinery and equipment – regardless of OEM.

In recent years, demands for efficiency increases and cost reductions in the oil and gas industry have grown dramatically. Many companies face new challenges. There are answers to these challenges – provided you have the right partner by your side.

The answer: service by HOERBIGER with our PerformanceXperience® approach. PX includes premium performance-defining components, spare parts and repairs for compressors as well as components, experienced engineers, long-term performance contracts and innovative services centred around plant efficiency

STAND NUMBER: **2C12** HALL 2

EMERSON PROMOTES DIGITALISATION SOLUTIONS

Emerson is a global technology and engineering company providing innovative solutions for customers in industrial, commercial, and residential markets. Our Emerson Automation Solutions business helps process, hybrid, and discrete manufacturers maximize production, protect personnel and the environment while optimizing their energy and operating costs.

At this year's Egypt Petroleum Show (EGYPS 2019), Emerson will highlight its digitalisation solutions, which will aid operators in improving reliability, reducing downtime, and ultimately increasing throughput across their operations to help them achieve Top Quartile performance in their industries.

At Emerson's booth, visitors will be able to learn how to enhance their operations in the following areas: Asset Performance, Artificial Intelligence, Digital Transformation, Optimized Operations, Exploration and Production, Electrical Components and Lighting and Asset Integrity,

Discover how to improve operational efficiency by

enhancing the visibility of your process, reducing plant footprint, and automating calibration procedures. Asset Performance introduces digital analytics to help in measuring and improving the performance of your assets by focusing on your team's performance where they are most needed.

Improve Asset Integrity with systems like HIPPS, corrosion monitoring and pressure relief devices. Solutions around E&P help in planning the development and lifecycle of your reservoir, ensuring optimal production. Eliminate complex well test manifolds and manual monitoring techniques with Emerson's Multiport Flow Selector and Multiphase meters that helps in the real-time monitoring and optimization of production characteristics.

Ensure certified protection for any environment and optimize overall utility costs with Emerson's Electrical Components and Lighting, whether it's for ordinary commercial settings or harsh industrial conditions.

Get your plant up and running with Emerson's Digital



Twin and optimize its performance with the power of Artificial Intelligence – the digital window into your operations. Experience an immersive glimpse into the top quartile workplace of the future through Emerson's Digital Transformation that showcases how to empower your workforce to transform traditional behaviors and deliver value by adopting innovative approaches.

Explore solutions suited to your operations and discover industry best practices in digitalisation. Visit the Emerson booth and meet our subject matter experts at the Egypt Petroleum Show 2019, Hall 3, Stand 3C28.

STAND NUMBER: **3C28** HALL 3

PALL CORPORATION BRINGS PALL-FIT RETROFIT FILTERS AND COALESCERS TO EGYPS 2019



Pall Corporation designs and supplies a wide range of filtration and separation technologies to eliminate solid and liquid contaminants from fluids including: particulate filters for gas and liquid service, liquid/gas coalescers, and liquid/liquid coalescers.

At EGYPS 2019, Pall will showcase its Pall-Fit Retrofit Filters and Coalescers.

Pall-Fit replacement filters and coalescers are designed as direct 'drop-in' replacements for existing products. No housing/vessel modifications or replacement is required. Pall provide a number of filtration and separation solutions to meet our customers' increasing production and processing needs.

We look forward to welcoming visitors on the Pall booth No. 2D75 – Hall 2, to introduce how plants can benefit from Pall filtration technologies

without having to replace their existing housing.

Pall products, along with our local service capabilities (rental, testing) and our engineering capabilities enable us to fulfil diverse fluid purification requirements in any size.

Pall technologies have proven superior field performance, enabling operators to enhance plants reliability and availability.

Throughout the Middle East region, in both upstream and downstream sectors, Pall technologies and services have enhanced the protection of units and equipment that are critical to production, such as gas treating units, condensate stabilization units, compressors and turbines, water injection wells, as well as transportation pipelines and their final users.

STAND NUMBER: **2D75** HALL 2

IMW LAUNCHES NEW TECHNOLOGY: THE IN-WATER EDDY CURRENT

As a returning exhibitor in EGYPS, International Marine Works (IMW) is pleased to announce that starting from 2019, we will be adding a new technology solution to our portfolio of services, which is the In-water Eddy Current inspection using ROV (an inspection technique performed according to the regulations of classification societies such as ABS, which will be used for underwater inspection in lieu of dry-docking (UWILD) for drill ships, jack-up rigs, FPSOs and other working vessels. These inspections are largely performed while the assets remain operational which means there will be

no loss of production and minimum or no surface preparation.

Another good news for the oil and gas community in Egypt is that during December 2018, the Egyptian International Diving School (EIDS) - the newest member in our family - had successfully passed its certification audit carried out by International Diving Schools Association (IDSA), which made our school a full member at IDSA and the only school in Egypt and the Middle East able to issue the International professional commercial diver certificates for surface supplied diving to 50m.

STAND NUMBER: **2I50** HALL 2

TREM BRINGS SOLUTIONS FOR HEAVY-DUTY APPLICATIONS IN PUMPS AND COMPRESSOR SEALS

TREM Engineering Company is a manufacturer of cartridge mechanical seals (shaft seals) for pumps, dry gas seals for compressors, mixer seals and seal systems.

TREM Engineering serves heavy duty industries, concentrating on API applications.

The offered products include:

- » Stationary welded metal bellows mechanical seal (API 682 Type C seal) for hot hydrocarbons up to +420C, at oil refineries,
- » O-ring mechanical seal (API 682 Type A seal), for hydrocarbons, including high pressure applications, 100 bar and more, at oil refining, oil producing and oil transportation industries.
- » RO mechanical seal for sour crude oil transportation pumps and water injection pumps.
- » Dry gas seals including seals produced as per API 617 and API 692 standards. While the typical pressure in natural gas transfer applications is 70 bars, 250 bar pressure seals are available.

TREM Engineering offers products which correspond to strict standards, including Russian hazardous industries standards, standards of API, Total, Shell, BP, ADNOC, PDO Oman, Saudi Aramco,



Lukoil, Rosneft and others. The strong point of TREM Engineering is advanced but solid product design backed up by high technology manufacturing and testing equipment.

TREM Engineering provides services including customer support, application engineering, service, supervision at installation.

The roots of TREM Engineering technology are the traditional Russian since the experience is united with the best modern international practice and experience in safety in environmental protection. The solutions of TREM Engineering help ensure the safety, performance and intelligence approach to any issue in seals business.

TREM Engineering Manufacturing and Services Facilities are located in Russia and occupied 7,000 square meters for in-house engineering, manufacturing, inspection and services assured by ISO9001-2015 certified quality system.

TREM Engineering is pleased to present to the Egyptian customers the products and engineering solutions for heavy duty applications in pumps and compressor seals area at its stand at EGYPS 2019.

STAND NUMBER: **3D10** HALL 3

SLIC: COMFORTABLE FOOTWEAR FOR TOUGH JOBS

The Saudi Leather Industries Company Ltd (SLIC) was established in 1981 as a joint venture with the American world-renowned "Wolverine World Wide Company" under the name of Saudi Shoe Company Ltd. In 1984, SLIC became a fully-owned Saudi company. SLIC's main activities consist of manufacturing and selling work, military and casual footwear.

The footwear is manufactured in the company's factory located in the second industrial city of Dammam, in Eastern Province of the Kingdom of Saudi Arabia (KSA). The company has a total plant area of 15,000 square metres and produces more than 1 million pairs of shoes per year. The plant is equipped with modern technology, machinery and equipment, including a 30-station German DESMA direct injection machine, a 40-station GUSBI (Italy) casting machine, and a 24-station CIC (UK) direct injection machine. SLIC has a well-equipped internal laboratory to conduct tests – such as the EH protection test – on

the footwear. SLIC adopts the latest engineering technology to manufacture footwear, ensuring the products meet or exceed all the requirements set by international standards.

Now SLIC has been established as a pioneer of safety and military footwear manufacturer in the GCC, we wish to explore markets in other areas. Therefore, as part of EGYPS 2019, SLIC wishes to display all its best quality products and the wide range of 60 different designs across all categories such as Lace up boots, Oxford styles, Slip on styles & Pull on/Rigger Boots. From EGYPS 2019, SLIC wants to take this opportunity to enhance our export sales and increase the target market from the oil and gas exhibitors, clients and companies who are all involved and working in this sector and region. SLIC looks forward to building new relations with such companies in interest of our business.

STAND NUMBER: **3E25** HALL 3

MARIDIVE GROUP



ENDLESS SEA,
ENDLESS GROWTH...

PROVIDING
A WIDE RANGE
OF SERVICES

MARINE WORKS
OFFSHORE CONSTRUCTION
SURVEY
DIVING SERVICES

VISIT US AT EGYPS 2019

STAND 2F60 HALL 2

www.maridivegroup.net

VELAN: RUSSIA'S LEADER IN EXPLOSION-PROOF EQUIPMENT

VELAN Company will take part in the EGYPS 2019. On VELAN stand will be several samples from our product range — explosion-proof LED lighting fixtures, junction boxes made of stainless steel and aluminum alloy, control stations and other items.

The oil and gas industry is one of the leading industries in Egypt and explosion-proof electrical equipment produced by VELAN is in demand in the Egyptian market. At the moment, negotiations are in progress to supply equipment to all major oil and gas fields in Egypt: the Gulf of Suez, the Western desert, the Sinai Peninsula, the Eastern Desert, and the shelves of the Mediterranean Sea.

VELAN is a leader of the Russian market in the explosion-proof equipment production field. The company products and systems ensure the safety while using electrical energy in hazardous areas, and mining enterprises. Our products are designed to be operate under aggressive environment conditions.

The VELAN Group of Companies has existed since 1958 and its work is based on the synthesis of many years of experience of its own design school, modern production lines and technical innovations. The company



products are widely used in Russia and abroad. The main export countries are Kazakhstan, Belarus, Uzbekistan, Azerbaijan, Turkmenistan, UAE, Iran, Mozambique, Angola, Oman, and Egypt.

Currently, Egypt has a promising market, especially in the oil and gas, and petrochemical industries. We are ready to meet the market requirements to, by innovation on the range of products, provide short delivery period, sales support and competitive price.

STAND NUMBER: **3870** HALL 3

INDUCTION CENTRE PLANTS THE SEED FOR OH&S TRAINING & CONSULTANCY

Like most international oil and gas industry trademarks in Kuwait, we build trust. We made our first wave to Dubai in 2016 and now, we are coming to the land of the pharaohs, delivering the right set of accredited training programs from internationally-recognized awarding bodies, such as NEBOSH, IOSH, IADC, IIRSM, HIGHFILED and more. What's more, we will be providing on-the-job training, vocational training (NVQS/IVQS) and practical cost-effective consultancy solutions using the most advanced technologies and software available in the market, including QRAs, PHAs, HAZOPs, FTAs, ETAs and RCA.

Our participation in EGYPS 2019 intends to plant the seed for establishing an occupational health and safety (OH&S) training and consultancy stream that meets international standards and best practices, to enhance the Egyptian safety OH&S industry.

Our priority this year is to start the reformation of process safety management across all Egyptian oil and gas companies.

In 2018, we were the first company in Egypt to deliver the NEBOSH

HSE Certificate in Process Safety Management, a qualification that is specifically designed to address the needs of the industry. This year we bring ASP and CSP preparation courses as well.

We are positive that the knowledge and practical skills we provide will flow like the river Nile to the lives of everyone working in the Egyptian oil and gas sector, and help to create new opportunities.

In EGYPS 2019, we bring a wide range of internationally accredited programs covering occupational health, safety and environment that have never been presented in Egypt under one umbrella. Moreover, we bring a unique set of expertise gained through positive exposures and cooperation with leading international oil and gas companies including Shell, British Petroleum, Total, Chevron, and other MENA upstream and downstream leaders including the Kuwait Oil Company (KOC), the Kuwait National Petroleum Company (KNPC), Petroleum Development Oman (PDO), Kuwait Petroleum Corporation (KPC), and that's what makes us different.

STAND NUMBER: **2F34** HALL 2

DREXEL OILFIELD EQUIPMENT SHOWCASES DOWNSTREAM SERVICES

Since 1976, Drexel Oilfield Equipment has been a proud contributor to the development of the oil and gas market in Egypt. Through the years, Drexel has enriched and supported the industry by introducing numerous brands, products and services to both the upstream and downstream sectors, making Drexel one of the biggest names in the services market.

As part of the Sky Investments Group, and capitalizing on its dedicated expertise, country-wide foot print, and the thrive to strengthen Egypt's position on the global oil and gas map, Drexel Oilfield Equipment continues to grow and launch new technologies, products and services tailored to the Egypt market, and catering to the needs of oil and gas producers.

This year, Drexel is delighted to take part in EGYPS, the largest petroleum show in Egypt. Drexel is proud to showcase its wide range of products and services which include:



SAFETY SOLUTIONS

- » Gas Detection Solutions
- » Air Supply Systems
- » Confined Space, Rescue & Rope Access Services
- » Lifting Operations Services
- » Personal Protective Equipment.

Subsea Hydraulic Control Fluids (CASTROL)

Drilling Bits and equipment (TAUREX)

Rig Control Systems (RCP)

ThermoPlastic Valves (SAFI)

Marine & Navigation Equipment (UNIQUE GROUP)

Advanced Pipe Couplings (STRAUB)

Logistics & Freezone Service

Specialized Procurement & Supplies

DOWNSTREAM OPERATIONS

- » Catalyst Unloading & Loading
- » Heat Exchanger Cleaning
- » Chemical and Tank Cleaning
- » Commissioning Leak Test
- » Gross Leak Test
- » Nitrogen Services
- » Flange Management
- » Hot Oil Flushing
- » Pipeline Pigging.

STAND NUMBER: **2C16** HALL 2

TUBACEX: SHARING YOUR CHALLENGES

TUBACEX booth at EGYPS 2019 will be a meeting point to discuss the challenges faced by the visitors and the solutions that can be offered by a company that holds a leading position in the market in stainless steel and high nickel alloy tubes and fittings for applications with a high technology component.

Within its strategy to become a global supplier of tubular solutions, TUBACEX has boosted its organic growth in value-added products and services with relevant acquisitions. In this sense the company has reinforced its fittings and special components extensive production program with the Japanese company Awaji Materia. This has enabled the company to complete the fittings range offered until now through TTA (Spain) and IBF (Italy). This way, the company generates competitive advantages in terms of quality, reliability and safety, with a comprehensive approach, from the advice and design of special steels to the supply of all the necessary components. TUBACEX will showcase real solutions for corrosion protection - a real challenge in many industries. A good example of

this is TUBACOAT, which is dedicated to engineering, development and commercialization of ceramic coating tubular solutions. This is a unique proposition worldwide which enables improving product surface properties as well as thermal insulation, to obtain higher energy-efficiency and savings as a result. Besides this, the company creates value beyond the product through services, a division reinforced with TSS (Tubacex Service Solution) the global network of own stock and service centres in Europe, Asia and America oriented to added-value services and fast deliveries.

With an open and innovative philosophy, TUBACEX brings to EGYPS a professional team that aims to increase the global efficiency of their customers' projects and processes and reducing total costs of ownership with a tailor-made approach. The capacity and expertise in the development of new products and standards, such as the recently developed large diameter long thin wall seamless pipes, is the best introduction for all the visitors.

STAND NUMBER: **3G70** HALL 3

RTI & PARTNERS INTRODUCE INSTRUMENTATION BULK MATERIAL

RTI SpA is an International Italian Company based in Milan (Italy) specialized in supplying Instrumentation Bulk Material for the Energy Industry. RTI was born in 1980 and since 1982 is distributor of Parker Instrumentation Product.

In the last 30 years, RTI became a strategic partner for the major EPCs on various projects around the world, based on our experience, competence and skills. As official distributor of Parker Hannifin Instrumentation Product in Egyptian territory since last June 2018, we take the opportunity of introducing RTI to the Egyptian market attending the EGYPS 2019 at Stand 3C48.

RTI will be present at EGYPS 2019 with Engineers from RTI Milan, Parker Hannifin Instrumentation Italy and Wadico, our Local Agent for Egypt territory. RTI-Wadico will be more than honoured to meet the visitors at the stand, offering our warm and professional welcome to everyone, making sure that EGYPS will be the first stepping point for establishing a long win-to-win business relationship with the energy industry in Egypt.

During the exhibition, we will introduce you to the advanced technology of Parker A Lok SuperCase Back ferule treatment, which enables the ferule and the actual fitting to perform better by increasing its hardness, fatigue strength, corrosion resistance and the durability. Together with the Parker A Lok Fittings, RTI-Wadico will be able to discuss the application of other Parker Instrumentation Products, such as Needle-Ball check valves, manifolds, monoflanges, single and double block bleed valves, pressure regulators, autoclave range for high pressure, etc.

We will also introduce the Intertec Protection Boxes and Cabinets; the capability of RTI-Wadico to supply assembled Instrument Apparatus such as Sampling Systems, Cabinets and Racks. RTI and Wadico together with Parker Hannifin Instrumentation Specialist will look forward to meeting you at 3C48 stand offering a good Espresso and our competence in the Instrumentation Bulk Material World.

STAND NUMBER: **3C48** HALL 3

PORTWEST PROMOTES NEW WX3 AND KX3 FABRICS



With more than 114 years of experience, Portwest is firmly established as the world leader in the design and production of modern, comfortable, and high-quality work clothes that meet the recognised international standards.

Portwest will be showcasing the new WX3 and KX3 ranges, which are superior lines of trend-led apparel combining the highest standards of quality construction and technical fabrics. Professional, durable and ergonomically designed for the perfect fit, this new, contemporary workwear balances comfort, versatility and aesthetics.

Accompanied by Ara flame Portwest's world class aramid premium FR protection, the super lightweight coverall offers outstanding flame-resistant protection. The Ara flame

fabric is soft and breathable but provides excellent tear and tensile strength - ideal for a variety of industries including oil and gas, petrochemical and many more.

Several other ranges including examples of PPE headwear, gloves and ear protection will be displayed during the event. Our extensive and unique collection of work clothes, protective shoes protects people around the world in different industries such as oil industry, welding, mining, agriculture, transport, chemical, construction, storing and production.

Our goal is to become your only source for protective work clothes. Portwest's promise to you is consistently outstanding quality, service and value. We welcome you to visit our stand at EGYPS 2019.

STAND NUMBER: **2D60** HALL 2

DIGITALISATION ZONE

NEW FOR 2019

SPONSORED BY



BHGE SUPPORTS THE DIGITALISATION OF EGYPT'S OIL AND GAS SECTOR

Baker Hughes, a GE company (NYSE: BHGE) is the world's first and only fullstream provider of integrated oilfield products, services and digital solutions. We deploy minds and machines to enhance customer productivity, safety and environmental stewardship, while minimising costs and risks at every step of the energy value chain. BHGE has always been a key partner to Egypt's oil and gas sector. Our presence dates back to the early 1900's when we were part of the country's first oil discovery. This year, BHGE Egypt is the sole sponsor for EGYPS 2019 Digitalisation Zone. Egypt holds some of the world's largest oil discoveries and as the world's only fullstream company, we have a major role to play with digitisation as a key enabler.

Egypt's oil and gas sector is going through a transformational era enabled by the Modernisation Program, which is setting

a clear path for the country to confidently compete in the global oil and gas market. We are very proud of our partnership with the Ministry of Petroleum (MoP) in Egypt for the "Upstream Gateway Project"; which focuses on driving efficiency across Egypt's oil and gas sector through the management of bid rounds using BHGE's advanced digital solutions for data consolidation and aggregation in a secure central data lake.

Over the history, BHGE in Egypt has been always committed to successful operations, dedication to our customers and played an important role in boosting the country's energy sector. During our participation in EGYPS 2019, we will showcase our latest fullstream technologies, portfolio, technology and people to radically transform the oil and gas industry and deliver unparalleled improvement in industrial yield for our customers. From reservoir to refinery, from the depths of the sea to the cloud.

STAND NUMBER: **1C44** HALL 1

GEOMATEX SHOWCASES GEO-ARTIFICIAL INTELLIGENCE

Since Geomatrix is the first and only regional system integrator focusing in Geo-Artificial Intelligence. We are exhibiting this year in EGYPS for the second year in row to deliver future innovation to the Egyptian oil and gas market.

As data reuse is a key asset, we integrate digital technologies across the design-build-operate lifecycle to enable our customers to mine and analyze historic and current project data. This allows our clients to better design future projects and improve the management of assets.

Tools such as automated As-Built modeling software, drones for surveying and inspection, and

virtual and augmented reality are changing how we deliver projects to our clients.

We proudly represent the strongest array of vendors and provide the below technologies as know-how transfer or service in oil and gas:

- Drone as a service for all oil and gas applications
- Construction and rehabilitation tools for plants and platforms
- Modeling and inspection of chemical plants and refineries

We also offer services on the chemical and industrial, civil and mining sectors.

STAND NUMBER: **1D40** HALL 1

MSA SHOWCASES SAFETY ACCESSORIES

Our business is safety. We've been the world's leading manufacturer of high-quality safety products since 1914. MSA products may be simple to use and maintain, but they're also highly-sophisticated devices and protective gear — the result of countless R&D hours, relentless testing and an unwavering commitment to quality that saves lives and protects millions of men and women each and every day. Many of our most popular products integrate multiple combinations of electronics, mechanical systems and advanced materials to help ensure that users around the world remain protected in even the most hazardous of situations.

MSA's new NFPA-approved XF1 helmet: The jet-style design of the Cairns XF1 fire helmet reduces snag hazards, provides a personalised fit, and houses its own integrated light module.

MSA's new M1 SCBA: With greater mobility, enhanced hygiene, improved ergonomics, state-of-the-art



communication and the highest safety standards, the new M1 SCBA has brought the cost-of-ownership to new low, allowing firefighters to choose the right product that suits their requirement.

STAND NUMBER: 2F21 HALL 2

PROTASIS: PROVIDING THE POWER YOU NEED

Protasis provides technical engineering services and support to operation and maintenance staff in the oil and gas and petrochemical industry (OGP) regarding any electrical power system challenge in their daily activities.

With extensive experience in electrical engineering, consulting, field testing, systems upgrade, maintenance and operation of electrical networks, we ensure the integrity, reliability, safe and cost-effective electrical power systems operation.

Our engineers use advanced modelling and analysis software and testing equipment to provide high-end engineering services:

- Power Systems Analysis & Studies
- Consulting & Support
- EPC- Based Project Development for:
 - Substation Automation Systems (SAS)
 - Power Management Systems (PMS)
 - SCADA Systems & Control Schemes
- Equipment Testing and Commissioning in HV/ MV Networks
- Switchgear Retrofits (Electrical Protection, Metering and Control Upgrades)
- HV/ MV Engineering and Design
- Applied Training on Power Systems – Protection and Control



For our OGP customers, we have designed customizable Electrical Power System Audit (EPSA) that is used to examine the problematic areas and identify hidden weaknesses that lead to production loss, quality degradation, equipment damage or safety threats.

Concurrently, we fine-tune the electrical power system by optimizing the philosophy of protection, the various protection schemes, and the selectivity of protection to respond to every possible operational scenario and maintenance plan.

Our Full-Service Support Agreement (FSSA) is an ideal solution that saves time and cost, reduces risk, improves process effectiveness, and increases predictability. With this agreement, Protasis retains a constantly updated system simulation, providing the necessary readiness for emergency conditions, maintenance shut-downs, fault analysis, post mortem investigations, personnel skill-development, etc. This agreement is effective for the entire plant's useful life and creates a proactive service approach that fosters a collaborative partner relationship with our customers.

STAND NUMBER: 2F10 HALL 2

PROTEGO DISPLAYS PROTECTIVE SYSTEM PRODUCTS

Braunschweiger Flammenfilter GmbH (Protego) is a German manufacturer of protective systems in hazardous areas. Protego is a renowned name in the market with over 70 years of experience manufacturing safety equipment like flame arresters, breather valves, emergency vents, pilot-operated valves, floating suction units, oil skimmers, roof drain systems, in-tank valves. In association with our partners we also provide bypass conductors for floating roof tanks, etc.

Protego M.E. - a 100%-owned subsidiary of Protego - was established in 2005 to extend local support to our clients in the MENA region. This has been much appreciated by our esteemed clients in Egypt.

Under the Protego brand, we provide outstanding consultancy and service to our customers worldwide. By doing this, we earn their trust in our products which serve industrial process engineering, oil and gas, chemical, fertilizer, aviation, pharmaceutical industries and the bio-energy sector. Our valued customers rely on the high standard of development and quality of Protego.

This year at EGYPS we will be displaying Protego's pilot-operated valves, alongside our other state-of-the-art products such as the breather valve, the floating suction units and pressure vacuum relief vents.

At Protego M.E. are all geared up



to expand our manufacturing facility for flame arresters and pressure and vacuum relief valves. The facility is already ISO 9001:2015 and ATEX-certified.

The consultative approach at Protego shall be further used to enhance our services to our esteemed customers by way of technical seminars and plant audits to achieve a high level of safety, both for our customers and the environment.

Protego M.E. has major plans for 2019, whereby we intend expanding our facility in Jebel Ali Free Zone, and increase our manpower to support a sustainable growth.

STAND NUMBER: 1B38 HALL 1

CARBOTECH: GERMANY'S LEADING SUPPLIER OF ACTIVATED CARBONS

CarboTech is Germany's leading supplier of powdered, granulated, and extruded activated carbons. In the very heart of the Ruhr industrial area, CarboTech operates integrated production plants for manufacturing, processing and packaging customised activated carbons, activated cokes and Carbon Molecular Sieves from hard coal, coconut shell coke, brown coal and charcoal.

TRADITION: CarboTech has its roots in Germany's institutional mining research and coal industry. The company sees itself as being a part of the tradition of companies who extract knowledge from science and technology in order to apply it for the benefit of the people and the environment in an economically viable way.

QUALITY: As successor to CarboTech Aktivkohlen GmbH, CarboTech today presents itself as a modern, small-

to-medium-sized company. Since CarboTech works consistently with its customers' interests at heart, our top priority is to constantly improve operational achievements. High demands of product and service quality are the top goals for every employee. EXPERIENCE: CarboTech brings together experiences from production, application and process engineering. The commitment of experts with a precise knowledge of practical conditions is highly valued by our customers.

COST-EFFECTIVENESS: The use of special activated carbon products from CarboTech makes permanently reliable and cost-effective solutions possible. Achieving this, particularly with complex, demanding tasks, is the daily challenge for the experienced specialists from CarboTech.

STAND NUMBER: 1B34 HALL 1

ALL YOU NEED TO KNOW

EGYPS 2019 OFFICIAL OPENING AND SHOW TIMINGS

	DAY 1 Monday 11 February	DAY 2 Tuesday 12 February	DAY 3 Wednesday 13 February
Opening Ceremony (by invitation only)	10:00 – 12:00		
Exhibition – Open to visitors	14:00 – 19:00	10:00 – 19:00	10:00 – 19:00
Strategic Conference	14:00 – 18:30	10:00 – 16:30	
Finance & Investment Briefings		13:00 – 14:30	10:00 – 11:30
Technical Conference	14:00 – 18:30	10:00 – 17:00	10:00 – 17:00
Women In Energy Conference & Awards Ceremony			08:00 – 17:00
Security In Energy Forum		08:30 – 16:00	
HSE in Energy Forum & Award Ceremony			08:30 – 14:00
EGYPS Petroleum Club	14:00 – 19:00	10:00 – 19:00	10:00 – 19:00
Gala Dinner (by invitation only)	19:30 onwards		

6 DEDICATED CONFERENCE TRACKS INCLUDE:

- 1 Strategic Conference
- 2 Finance and Investment Briefings
- 3 Technical Conference
- 4 Women In Energy Conference and Awards Ceremony
- 5 Security In Energy Forum
- 6 HSE In Energy Forum and Award Ceremony



REGISTER FOR THE 2019 CONFERENCES

www.egyps.com/confreg

INTRODUCING EGYPS 2019 MOBILE APP



DOWNLOAD NOW

TO ENHANCE
YOUR EXPERIENCE

SCAN QR CODE



AVAILABLE ON IOS AND ANDROID



SPONSORED BY



PLAN YOUR TRAVEL & ACCOMMODATION



OFFICIAL TRAVEL PARTNER



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

OFFICIAL HOTEL



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



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	FOURTH DEPARTURE STARTS FROM
MONDAY 11 FEBRUARY	12:45	13:00	13:30	
TUESDAY 12 FEBRUARY	08:30	08:45	09:00	09:15
WEDNESDAY 13 FEBRUARY	08:30	08:45	09:00	09:15

SHUTTLE BUS FROM THE VENUE TO HOTELS

	FIRST DEPARTURE	SECOND DEPARTURE
MONDAY 11 FEBRUARY	19:15	19:30
TUESDAY 12 FEBRUARY	19:15	19:30
WEDNESDAY 13 FEBRUARY	19:00	19:30

TO PLAN YOUR TRAVEL AND ACCOMMODATION FOR EGYPS 2019, VISIT:
www.egypts.com/travel

TO PLAN YOUR BUSINESS TRIP TO EGYPS 2019, CONTACT:

Rania Ahmed
Relationship Manager
Option Travel

12, Road 278 New Maadi, Cairo, Egypt
☎ +202 25170111
✉ +202 25176444
☎ +201150804949
✉ egypts@optiontravel.com.eg

THANK YOU TO OUR 2019 SPONSORS & PARTNERS

SUPPORTED BY



DIAMOND SPONSORS



PLATINUM SPONSOR



GOLD SPONSORS



SILVER SPONSORS



BRONZE SPONSORS



Arabian Geophysical & Surveying Co.
الشركة العربية للجيوفيزياء والمساحة



OFFICIAL TRAVEL PARTNER



OFFICIAL HOTEL



OFFICIAL FREIGHT FORWARDER



OFFICIAL PUBLICATIONS



CO-ORGANISED BY





SHAPING THE ENERGY FUTURE THROUGH **INNOVATION**

www.shell.com/innovation

