



MOC NEWS

MEDITERRANEAN OFFSHORE CONFERENCE



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An Overview about MOC 2019 in the Mediterranean Hub powered by Shell

Mr. Ramy Kozman, Regional Country Manager, Subsurface Imaging of CGG

«MOC has always been one of the best conferences and exhibitions happening in the sector, connecting all people from different places specifically in the Mediterranean. So it is always a successful event»



Mr. Moataz Darwish, External & Government Relations Manager and Deputy Chairman at Shell Egypt

«Since MOC joined the sector, it has been one of the top events in the sector, focusing on the offshore technologies, and covering different angles in the industry. We all are proud to be a part of it. And concerning Shell, our position here in Egypt is very unique and we will continue to invest more and more»



Eng. Ali Ibrahim, Production technologist - Khalda Petroleum Co.

The performance of MOC 2019 has been exemplary and the successful continuity comes as a result of an exceptional team, innovative ways to approach challenges and great partnerships. In this version we noticed the adoption of Mediterranean hub that is powered by shell which reflects the way that the Egyptian government is seeing the energy importance in improving the lives of its citizens.



Dr. Mahmoud Dabbous, Chairman and CEO, IPR Group, Egypt

«MOC is the continuation of a remarkable event in the oil & gas industry, covering the activities in the Mediterranean. We see different companies with different nationalities participate in this event, sharing new technologies especially E&P ones, which encourages the investment here. We are happy to be here representing the IPR energy group, which has been very active in Egypt recently»



Mrs. Iman Hill, Chief Operating Officer of ENERGEAN

«Very happy to be at MOC. This is an important conference for the sector, provides an opportunity for collaboration and best practice sharing. Following the acquisition of Edison, ENERGEAN is looking forward to partnering with the Egyptian government»



Mr. Janpieter Van Dijk, Exploration Manager of Dragon Oil in Egypt

«MOC here is very nice event, very good atmosphere, and good place to increase the investments. It is actually the first time to be here but is OK for me. The location of MOC in Alexandria is fantastic because of its historical place and reputation»



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OGS

OIL & GAS SKILLS



Zohr training program (ZTP)

As part of the modernization of Oil & Gas sector in Egypt, Zohr project was implemented as an opportunity for a role model in the development of human resources.

Zohr training program (ZTP) was sanctioned in October 2016 by Petrobel (PTB) with the endorsement of ZTP master plan, to ensure the availability of skilled and competent staff for the safest operations of zohr plant.

The program is designed and implemented by Oil & Gas skills (OGS) in cooperation with eni corporate university (ECU), under the supervision of Petrobel.

ZOHR

TRAINING PROGRAM
LEARNES YOUR PATH THROUGH PROGRESS

Zohr gas field Organization capability (ZTP)



The core value of the ZTP is the design and implementation of a tailored competence-based training system (CTS)

01 | Competence mapping

- Competence standards qualifications
- Competency profiles

02 | Competence based system development

- Gap analysis, training paths, assessment methodology & didactic supports
- HSE training, training providers, screening & resources

03 | Implementation and review

- Trainees database, courses implementation, learning progress, monitoring & reporting
- Assessment stages, documents recording, internal and external & verification

Final | Formal declaration of competency and integration into job



FREE GAS MARKET: CHALLENGES AND OPPORTUNITIES

Last MOC, we anticipated to reach self-sufficiency by the end of 2018, we have reached it four months ahead and now after one year we have surplus of Gas and have surplus of generated Electricity as well. Such great achievement in very short time after suffering years because of shortage in both Gas and Electricity. So, what clearly proved is that by great effort in a virtual time we can achieve more than we can expect in unexpected time.

Between challenges and opportunities there is a path which needs professionals to keep your market in a right place, to transform challenges into opportunities and finally turn all these opportunities into successes.

Between challenges and opportunities, we had four fruitful speeches from those who we called professionals,

Mrs. Engy Adly on behalf of Eng. Karem Mohamed – Executive Chairman (Gas Regulatory Authority) have clarified the GasReg Evolvement starting from 2013 date of creation passing by the journey from being under EGAS Organization till appointing the first chairman and ratifying the New Gas Law by the Egyptian parliament at Aug. 2017 keeping their scope clear in protecting the interests of all gas market participants, regulate, monitor and supervise all downstream Gas Market activities and make a safe and secure environment for Natural Gas supply.

Dr. Lamiaa Abo Shahba – Ass. General Manager for operations, EGAS who gave a professional speech about Egypt's Potential to transform into a regional Gas Hub in the next 10 years, Abo Shahba lightened the path of getting successful Oil and Gas Hub Program through some work steps from deciding the pathway for Hub creation passing by strategy development then finally the implementation of development plan for execution in order to reach by 2028 to allow virtual trade after reaching a mature competitive gas market.

Cyprus is an important partner in reaching these achievements, in this regard Mr. Andreas Koutsoulides – Commercial Manager, CHC, Cyprus have confirmed this importance talking about evacuation of Cypriot Gas to Egyptian LNG Export Facilities and for Egyptian Domestic Demand.



Through some opportunities like availability of infrastructure and regular framework and reaching our mutual goals is by 3 keys, perseverance, knowledge and Collaboration. Finally, Eng. Moataz Darwish – Deputy Country Manager, Shell Egypt gave a fruitful and professional speech about Free Gas Market Opportunities under address "Gas Market Deregulation: A Win Win Outcome". Showing by his words the common features of a Successful Liberalization Program including flexibility, transparency, and physical market interface taking real evolvement with

considering a business risk models. Darwish also clarified the incumbents' strategies to reap the benefit of liberalization for upstream to tap on new upstream opportunities generated by increased investments, for downstream by efficiency improvement to optimize conventional commercial activities, beyond Egypt by triggering the development international interconnections and underpinning the underlying investment by marketing own volumes abroad, and finally beyond gas by creating complex positions combining gas and power portfolios.



DIGITAL TRANSFORMATION OF EXPLORATION SECTOR IN EGYPT

Schlumberger Egypt and East Mediterranean Managing Director, Karim Badawi presented Digital Transformation in the oil and gas sector and the Egypt Upstream Gateway, EUG.

EUG is a key project in the investment attraction pillar of the modernization program of the oil and gas sector and will provide digitalization the whole subsurface information of Egypt and provide value added services to help in effective bid round and investment attractions initiatives.

The availability of integrated digital data at 'your finger tip' locally and globally, is a key enabler for investors to make informed and derisked decision, and attracts *new* investors to the be part of the Egypt Oil and Gas sector in addition to existing investors in expanding their interests and leveraging latest technologies in identifying new opportunities.

His last key point is that, The Future is Digitalization: The Future is Open and The Future is Egypt.



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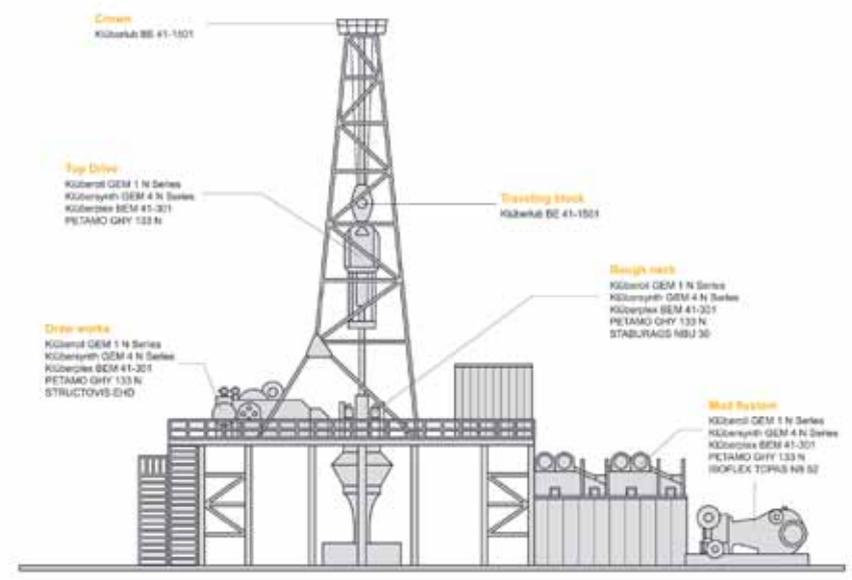
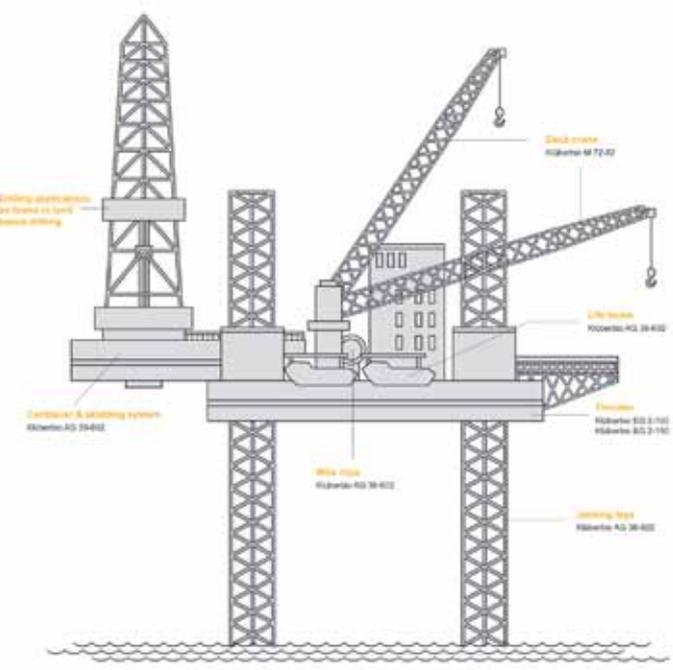
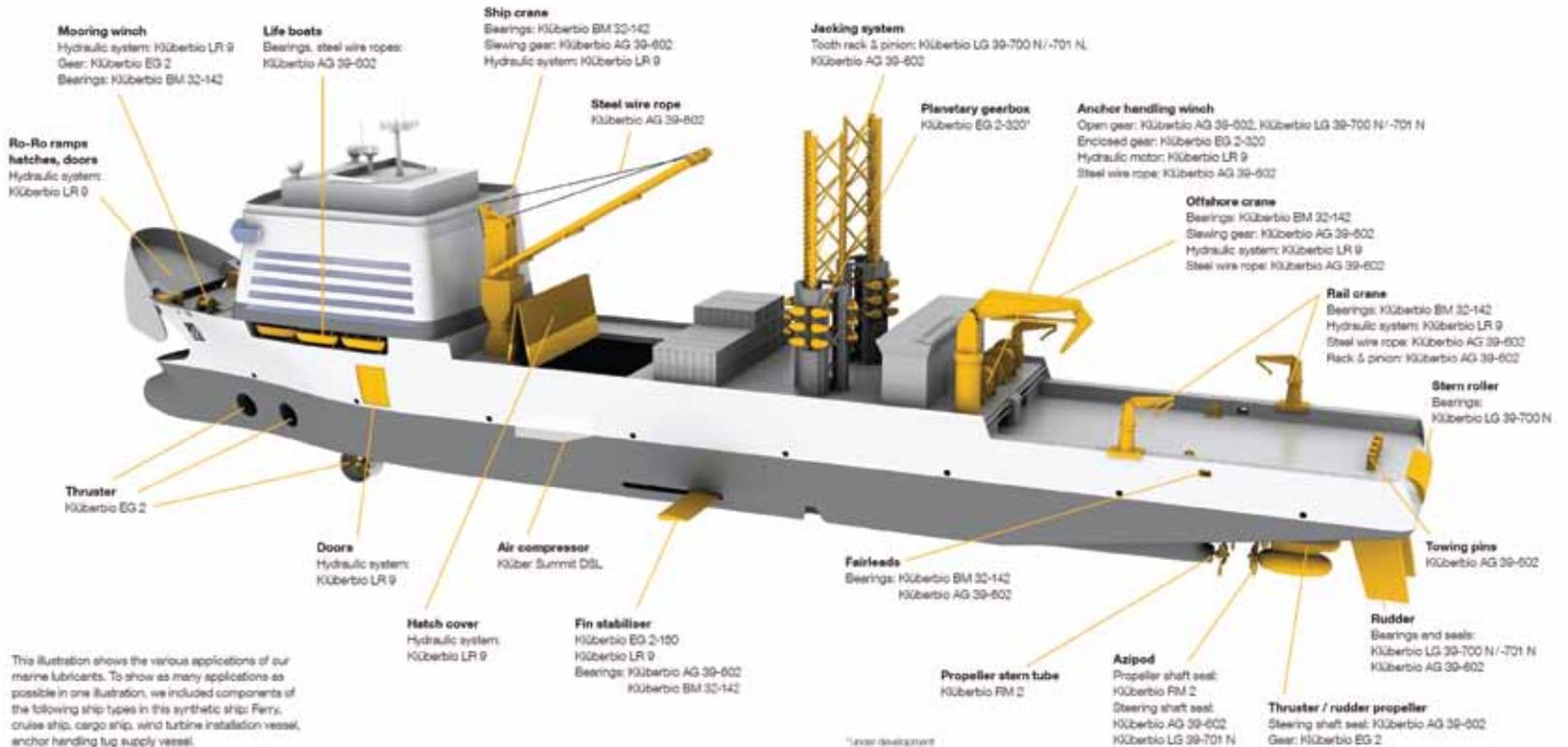
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CONTACT US

sales@sbsprotech.com
www.sbsprotech.com

Fax: +2023103814
 Tel: +2023103815 / +201099920365



Alex Office:
Address: P.O.Box 114 Elsaray
242 Abdel Salam Aref st., Loran, APT. 103, Alexandria, 21411, Egypt
Phone: +20 (3) 5833301 - 5833294 Fax: +20 (3) 5823514
Email: catec@catecegypt.com

WWW.CATECEGYPT.COM

VISIT US AT STAND No. Q18

Cairo Office:
Address: 2B Nozha st., Heliopolis, APT. 7, Cairo, 11341, Egypt
Phone: +20 (2) 24145127 / +20 (2) 24145128
Fax: +20 (2) 24145129
Email: catec.cairo@catecegypt.com

An interview with **Mr. Abdul Karim Abdullah Al-Mutawa,** **Chairman & CEO**

How do you oversee MOC'19?

This expedition addresses the next wave of investment opportunities in Egypt, taking us to 2020 and beyond and encourages the international cooperation in the development of Egypt's oil & gas industry especially when Recent gas discoveries and established reserves are helping Egypt to establish itself as one of the largest regional energy suppliers and the natural choice to become the Mediterranean Energy HUB.

Do you expect great progress in the Middle East's petroleum industry?

Of course ,, the progress is already happening , especially when the nations of OPEC may have agreed to curb production in recent months in light of the booming U.S. and Russian oil and gas industries, but nevertheless 2019 will see a number of high-profile projects start-up across the region. The projects of the Oil & Gas Industry in the Middle East include: (Zubair Oil Field – Rehabilitation Phase (RP) and (Enhanced Re-Development Phase (EP)) in Iraq, and there is also (South Pars Phases 13- 14) and (Kish Gas Field) in Iran. Another booming market is in Saudia Arabia coz they have more than project for example there is (Petro Rabigh Integrated Refinery & Petrochemical Complex- Phase II) , (Jizan – Grassroots Export Refinery), and (Al Fadhili Gas Plant) in Saudi Arabia In addition to the Egyptian market that includes (Zohr pipelines) and the (New capital pipelines projects) and (the infrastructure projects).

We know that Ipic's motto is "View the future with ambition" why specifically you choose this statement and what are the core values of your company?

This is the most suitable motto for IPIC in this promising stage of its history, especially when we are applying the turnaround strategy to create a new future for our people and this motto is supported by our core values that provide a frame of reference for making decisions. These core values contribute to the general atmosphere of the company and then guide us in our work, our pursuit of excellence and our public service. Our core values are :

1.Safety and the Environment: We are

committed to ensuring the safety of our employees, our clients and the public, and the protection of the environment in which we work.

2.Accountability and Transparency: We hold ourselves accountable for the diverse roles, obligations and actions to the public we serve and are committed to manage our operations with openness and absolute integrity.

3.Professionalism: We strive to be the best in quality and in everything we do. We ensure the most efficient and effective delivery of services by our trained and competent human resources. We continuously seek improvements to our methods and systems through adoption of models of "best practices".

4.Community Development: We are committed to positively impacting our communities through our Community Outreach Programs throughout Egypt

The International Pipe Industry Co. (IPIC) is Incorporated and registered in Egypt Since June 2001, what is its nature of work?

IPIC offers a complete pipes solution for Water, Gas, Oil, manufacturing and delivery and it is able to offer service from consulting to final product professionally and on time. this is to provide the International Markets with pipes and bends for Oil and Natural Gas Pipe Lines with the highest quality, most economical and fastest delivery to Match Today's Needs.

In order to fulfill IPIC's clients' requirements, and to introduce integrated solutions for Oil and Natural Gas transportation, IPIC established a pipe bending plant to complete its line pipe production facility. The design of this plant is based on the Induction Hot Bending technology.

The pipe bending plant is designed to produce pipe bends ranging from 6" to 48" in diameter with Bending Radius from 3D to 10 D with degrees up to 180° according to capacity chart, having wall thickness up to 40 mm, in accordance with international standards.

Moreover, as a part of our diversification strategy to increase our market share-both internally and externally - IPIC is now



launching a new facility to expand its activity to cover all types of Steel Structure fabrication & erection and Steel Protection solutions including the steel structure and piping. This is the promising step that would enables us to integrate all our above-mentioned activities to launch the execution of Oil and Gas modules, at the same time we finalized an agreement with EPCM (Singapore Partner) who lead such technology as a blue ocean market nowadays.

IPIC Steel Pipe Mill is equipped with advanced equipment, what are these technologies?

IPIC Steel Pipe Mill is a State-of- mill which its design is based on the 3-Roll Bending Process. It is fully equipped with advanced CNC / PLC-controlled equipment, supplied by the leading European suppliers in this field of technology.

The aim of this technology is to meet the variety of quality demands of oil and gas industry, requiring API 5L Longitudinally Submerged-Arc-Welded pipes (SAWL) ranging in diameter from 16" to 42" (capability up to 60"), with wall thickness compatible with steel grads up to X-80 as per capacity chart.

Which big projects do you work on nowadays?

- El-Tina - New Administration Capital Gas Pipeline Project (GASCO)
- Al-Arish – Elsheikh Zowaied Gas Pipeline Project (GASCO)
- District Cooling System – Chilled Water (Gascool - PTEROJET & Hassan Allam)
- Raven / West Desert Gas Complex (GASCO)
- Petroleum Pipelines Renewal Oil Pipelines (PPC)
- Ferdan Bridge in Ismaeleia, Construction Piling (CDI Sinoma - CHINA)

OPENING PLENARY SESSION: EGYPT: CONNECTING THE TWO SHORES OF THE MEDITERRANEAN

KEYNOTE SPEAKERS

Nicolas Katcharov General Manager Egypt of Edison, VP operations MENA affirmed that Egypt has distinguished opportunities to assume a great position as a pivotal energy country in the region based on the promising potential of natural gas, strong infrastructure, strategic location and a large local market.

He pointed out that the Abu Qir field in the Mediterranean, where Edison is investing since 2009, is currently achieving the highest production rates since the beginning of its work, pointing out that the field, which is producing for 40 years, has increased its gas production in the last two years by 100% compared to 2009 and 50% compared to 2016 reflecting the investment of 300 \$ million from Edison to develop the field and the inauguration of the North Abu Qir offshore platform and put 6 wells on production.

He stressed that his company is currently intensifying its activities in Egypt in several areas to search for gas and production of deep water and that it is pumping 100 \$ million new investments in Egypt over the current financial year, pointing to the preparation for drilling two new exploration wells deep water in the Mediterranean to search for gas in the last quarter of this year, the first well of Najma-1 will begin drilling in northeastern Hapi in October. It also aims to dig deep well 1 before the end of the year in light of the results of 3D seismic survey programs in the North Theqa marine area, which confirmed the existence of a number of geological structures, noting that it is currently evaluating the results of drilling well south of Edko 2 in the Nile Delta.

He pointed to the start of the project to develop 3 new offshore gas



discoveries in North Ameriya and North Edko areas with reserves of 300 million cubic feet, which is located north of Abu Qir fields with investments of 200 million dollars, which will start production in 2021 to support the production of Abu Qir fields and compensate the natural contradiction of production.

A new company was established Edison Egypt Energy Services is named after the implementation of rationalization projects and efficiency of use of factories according to a successful model in Europe and is characterized by the possibility of success in Egypt.

Sameh Sabry, Senior Vice President- Managing Director of the German company Wintershall DEA in Egypt, said that the company is currently implementing a promising work plan in Egypt to enhance its production from its fields in the Gulf of Suez, Delta, and the Mediterranean after pumping more than 500 million dollars since 2018, adding that it continues to implement intensive activities to develop the company's fields in the Gulf of Suez Desouk gas field in the Delta and preparing to start work in the search for gas in the company's latest work in Egypt east of Damanhour, which be awarded earlier this year, in addition to continuing to work with the British company BP in the development of gas fields west of the Nile Delta, one of the most important production fields in Egypt nowadays.

He pointed out the importance of the merge between two of the largest German companies, which reflects positively on the activity and investments of the company, and that Egypt will become an energy hub in the Eastern Mediterranean region in light of the steps it is working on to develop its strong infrastructure and maximize the use of its lines and ports for import and export to neighboring countries and discoveries being developed, as well as a strong political will in Egypt.



Luca dei Caro, General Manager of leoc Egypt, a subsidiary of the Italian Eni Group, reviewed the results of the projects implemented for the development and production of oil and gas in the Mediterranean, the Nile Delta and Western Sahara, led by a gas field that appeared in the Mediterranean, which represents a success story to double its production more than 7 times compared to the first field production in December 2017. In August, it will reach about 2.7 billion cubic feet of gas per day. Its production rate is expected to exceed 3 billion cubic feet per day by the end of October from 13 wells.

He pointed to the achievement of outstanding results for the production of crude oil from the southwest of Meliha field in Western Sahara, which witnessed the achievement of two promising crude oil discoveries in the region and start the steps of development of the two discoveries to obtain daily production estimated at 4,000 barrels of crude oil in addition to the establishment of new infrastructure and production facilities in the region Record, pointing out that the company is preparing to put a new crude oil well on production after the completion of drilling successfully. He pointed out that the Eni plan of action aims to drill 11 exploration wells in the Nile Delta in the Mediterranean, Delta, Western Desert and the Gulf of Suez in Egypt



this year, along with nine other wells during the next year as part of its plans to expand exploration activities in the light of encouraging results achieved in the fields Nedoko and Baltim appeared to contribute to further discoveries and new reserves of gas and crude oil.



Mr. Gerald Schotman, Executive VP Upstream Joint Ventures at Royal Dutch Shell gave an Unrivalled Speech at MOC 2019 Opening session

During his attendance at MOC 2019 under the theme "Connecting the two shores of the Mediterranean", Mr. Gerald Schotman, Executive VP Upstream Joint Ventures at Royal Dutch Shell emphasized the importance of partnerships for business sustainability in the Egyptian Oil and Gas sector.

Schotman added that Egypt is a heartland for Shell's upstream portfolio and that's why Shell is keen to continue exploring new opportunities and solidifying its position as one of the country's largest oil and gas producers.

Schotman " Shell won five blocks in the international bid rounds... three in the Western Desert and two in the Offshore Nile Delta. "



Maurice Nessim, SEG President & Western Geco President of Schlumberger

After thanking the organization committee and guests. Mr. Maurice has shown his pleasure about talking about "unlocking Gas & oil Potentials in the Mediterranean". He stressed that the industry in general have passed by tough times with downturn in oil prices accompanied by lack of investments and shortage in discoveries.

Nowadays, we can see that we have reached new opportunities especially in exploration activities like those on Nile delta using 3D seismic acquisition and surveys showing that integration of data helps in more exploration and transforming these data into insights.

Nessim, generally, delivered a speech in which he highlighted on the developments, results of global exploration, and major economic and technical challenges, and reviewed the impact of digital transformation on future production and exploration activities. Digitalization helps to revive new ways of discovering and attracting new levels of diversified investment.

Mr. Karim Alaa

Country Manager of BP Egypt Revealed the Company's Plans in Egypt during His Speech in MOC 2019 Opening Plenary Session



Mr. Karim Alaa stressed that the theme of this year's Mediterranean conference "Connecting the two shores of the Mediterranean" is a great pillar considering the current promising opportunities in the Mediterranean and the need for serious commitment and genuine partnership to help unlock this great potential. He assured BP's confidence that Egypt is well positioned to become a global energy center and that its geographical position places it at the center of the global energy trade, and the recent gas discoveries in the Mediterranean are of a great interest to the leaders of the petroleum industry to invest more, apply the latest technologies, and benefit from the expanded infrastructure of Egypt. He praised the efforts of the Ministry of Petroleum to create a sustainable business environment that encourages investors to make new investments while expanding existing investments.

He pointed to the strategic partnership with the Egyptian government which has continued for more than 55 years, BP's production with its partners about 60% of the annual gas production in Egypt, and the continuation of work at Atoll field in the concession area north of Damietta, which produces about 300 million cubic feet per day from Three wells, a fourth well is being drilled to support and increase reserves and production, and that to complement the successful implementation of the Atoll project and take advantage of the existing infrastructure, BP will develop the discovery of Katameya, which is planned to start production in mid-2020 and will be processed in the facilities of the Pharaonic Petroleum and planning also to develop the first oligocene field in the Nile Delta, Satis West, could reveal

additional potential in the Mediterranean, he said, adding that last month witnessed the start of production from the Baltim South-West field in partnership with ENI.

He pointed to BP's investments in the West Nile Delta project for the development of five fields, where the production of Torres and Libra fields began in 2017, followed by Giza and Fayoum in February 2019. The production of the Rivin field is expected to start by the end of the year. About 1.3 billion cubic feet per day, equivalent to about 15% of Egypt's current gas production.

He added that BP's intensification of its work to achieve more discoveries contributes to achieving Egypt's goal to become a regional energy hub. We are making huge leaps to reveal more potentials in the Nile Delta, pointing out its interest in bidding. He pointed out BP's determination to continue to participate in the bids and to benefit from its strong infrastructure and strategic partnerships.

Karim pointed out that the Ministry of Petroleum is implementing a program for development and modernization, and has a strong strategy and plan to achieve. BP will continue its commitment to support the program by providing internal and external training programs. He explained that BP's investments in Egypt so far amounted to more than 35 billion dollars, and that it is working to expand its activities, to become Egypt one of the largest countries in the portfolio of investments of the global company, in line with its growth strategy aimed at reaching more than triple current production by 2020 compared to 2016.

Shell Egypt embraces the future by empowering the next generation to confidently address challenges and achieve Sustainable Development Goals (SDG) of Egypt's Vision 2030

Being one of the largest and earliest energy producers in Egypt with a profound history exceeding 108 years, Shell was keen to give deliberately equal commitment to both social investment and business roles. In this regard, Shell aims to be a good neighbor wherever it works by contributing to the well-being of the neighboring communities. For this cause and under the umbrella of the Social investment programs, The company heavily invests in projects that aim to benefit local communities on the long term, as well as delivering a portfolio of Social sustainable initiatives focusing on community skills and capacity building for the Egyptian youth at different age categories, ranging from school children, university students, fresh graduates and young professionals.

Human Capital Development is one of the most important elements for Shell Egypt in the field of Social Investment (SI). Various programs have been developed over the years that mainly shed light on Egyptian youth and their development, aiming to empower and enable them to address future challenges and help achieving Sustainable Development Goals (SDG) of Egypt's Vision 2030.

Shell - Intilaaqah Egypt Programme

Intilaaqah is a Middle Eastern adoption of the worldwide LiveWIRE initiative by Shell. The program currently operates in more than 20 countries around the world. Intilaaqah Egypt program was launched in January 2004 with the aim of raising Egyptian youth awareness towards self-employment and giving them a glance overview of the advantages of small and medium enterprises (SMEs) becoming small project owners. Tailored Training programmes are conducted, followed by an Annual Award Ceremony to crown the efforts done throughout the year by the young entrepreneurs.

Shell Intilaaqah aims to support entrepreneurs through the various stages of their business start-ups, from developing compelling business ideas, to becoming successful business owners. It also provides specialized counselling, mentoring and training on managing cash crises.

Since its inception in Egypt in 2004, Shell "Intilaaqah" programme has trained 8,000 young Egyptians and supported the creation of 750 start-up companies.

Shell Nexplorers

Shell believes that young people have the capability to create positive movements for change and that they can learn how to address the complex challenges faced by the world and to do something about them. NXplorers shows them how, helping prepare future leaders for a complex and interconnected world. The Programme Equips participants with tools and skills to embrace complexity and empowers participants to create a positive change in themselves, locally and globally. The program unlocks the STEM habits of mind and helps participants find solutions to real world challenges relevant to themselves and their communities, with focus on food, water, energy nexus.

Shell Eco- Marathon

Moving to sustainable mobility and fuel efficiency, Shell Egypt introduced Eco-Marathon Global competition in Egypt, which is one of the world's leading energy efficiency competitions, driving university students to design, manufacture, inspect and drive the most energy efficient car, competing to run the longest distance with only one unit of energy, be it fuel or electricity. At 2019 Shell Eco-marathon Asia Off-track Awards, GUC Innovators from German University in Cairo, Egypt won Technical Innovation Award. Also CUT Eco-Racing UC from Cairo University, Egypt received Safety Award. Shell Eco-marathon is a visible demonstration of Shell's commitment to help the world meet its growing energy needs in a responsible way by working together with students, partners and other stakeholders.

Shell Imagine the Future

As the world will need much more energy to power homes and fuel transport for a growing population with rising living standards. To encounter energy challenge in the future, Shell brought "Imagine the Future" Competition for the to Egypt in 2017 to encourage students to enhance the students' creative thinking to transfer their views over the energy future, by presenting scenarios and alternatives views to face the current and future challenges of providing more efficient and environmental friendly energy in Egyptian cities by 2050. The competition is in alignment with Egypt's 2030 vision that supports



and empowers youth and aims to diversify the country's future energy resources.

The "Sound Clash" Team from University of Science & Technology in Zewail City (Egypt) won first place in the Shell Imagine The Future Global Competition 2018/2019 after a fierce competition against the rest of the participating teams.

Shell FutbolNet

Shell also utilizes its social investment activities through sports by creating FutbolNet program in cooperation with Football Club (FC) Barcelona Foundation in 2018. The program uses football to promote skills through the methodology of teamwork, commitment, tolerance and respect in children. The program is targeting children aged 7 to 16 to better their future opportunities and develop their sense of responsibility towards society.

In 2018, FutbolNet Egypt was kicked-off in three venues in Cairo, Giza, and Alexandria, and Matrouh. The program started with 78 coaches targeting 1800 Children across the country. 30% of the Participants were girls (540 girl) and 70% boys (1260 boys). The program also aims to improve the living conditions of disadvantaged children and youth by coaching from 50 to 100 kids with disabilities, and 300 kids of joint-ventures and ministry of Petroleum staff in Cairo and Alexandria.

AUC V-Lab

Shell's support to Egyptian young entrepreneurs goes beyond the financial aspect, through trainings and awareness sessions on communication skills, digital and social media training, general technical steers and recommendations, HSSE awareness session, briefing and debriefing, fundraising and sponsorship guidelines. Though Shell supported V-Lab incubator at the AUC School of Business in cycles 10,11 and 12, where the latest cycle's companies showcased their products and services to an audience of investors, influential business executives and entrepreneurship enthusiasts.

Al Amal program

In addition to launching social investments programmes, Shell Egypt sponsors "Al Amal" programme since its inception in Egypt in 2007.

The programme aims at to bridging the gap between theoretical university level knowledge and what it takes to be employable in the oil and gas industry.

Shell sponsors "Al Amal" programme as one of its social investment programmes, "Al Amal" is a programme run by the Egyptian Geologists Society (EGS) with the aim of bridging the skills gap between education and industry. The programme focuses mainly on developing non-technical skills, and helps graduates and undergraduates to become more competitive paving the way for them to join the oil and gas industry. Shell employed 13 graduates after helping throughout their transitional phase from the educational phase to the career phase after assessing their potentials and capabilities.





MOC 2019 PHOTO GALLERY





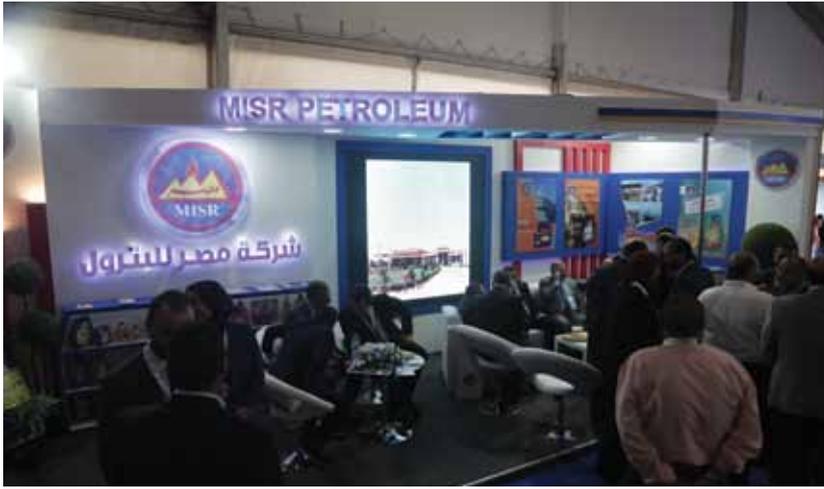
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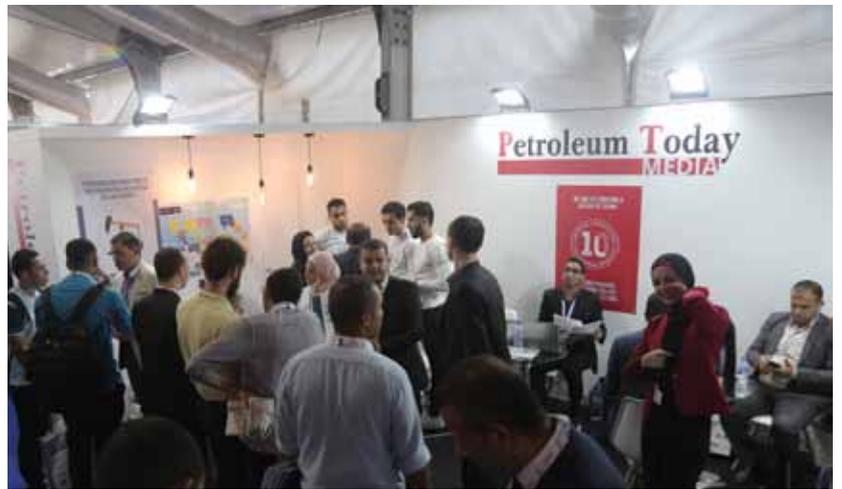


MOC 2019 PHOTO GALLERY





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محمد جبران رئيس النقابة العامة للعاملين بالبتترول يشيد بالمؤتمر وفرص الاستثمار الواعدة في مصر

أكد محمد جبران رئيس النقابة العامة للعاملين بالبتترول ونائب رئيس اتحاد عمال مصر أثناء تفقده لمعرض البحر المتوسط للبتترول في نسخته العاشرة أن الجهد المبذول متميز عن كل النسخ السابقة وأن هناك تعارف وتعاون كبير بين كل الشركات وتبادل للخبرات.

وأشاد كذلك بوجود العديد من الشركات الأجنبية بالمعرض الحالي و تبادل التكنولوجيا بين الشركات وهذا يمثل استفادة عظيمة لمصر وللشرق الأوسط مما يدل على أن مصر تسير في الطريق الصحيح لاستعادة مكانتها التي تستحقها بين جميع الدول عالمياً.

كما يرى محمد جبران أن فرص الاستثمار في مصر كبيرة جداً واعدة لأي مستثمر وعلى سبيل المثال: شركة خدمات البتترول البحرية التي عانت في الفترة الماضية من نقص العمل والخدمات ولكن حالياً الشركة استعادت مكانتها وبدأت في زيادة خدماتها وذلك من خلال استغلال الوضع الحالي المتميز وأكد أن توقيع مصر أكثر من ٦٢ اتفاقية العام الماضي ما هو الا شيء واعد ومبشر لمصر وللمنطقة بأكملها وأن هذا سوف يزيد من فرص الاستثمار بطريقة غير مسبوقه الفترة القادمة؛ كذلك تحدث عن دور النقابة العامة للعاملين بالبتترول مع وزارة البتترول وجميع الشركات و أن النقابة تعمل مع المنظومة بأكملها و ليس ضدها وأن لها دور كبير في توعية العمال وحل أي اضطراب في الشركات وكذلك مصلحة العامل و العاملين التي تمثل أولوية كبيرة لهم.

كما شدد على أن تواجههم بالمعرض و المؤتمر ما هو الا تعاون كبير جدا بين النقابة و وزارة البتترول؛ ثم أنهى محمد جبران حديثه بالكلام على دور الحولة و الرئيس في زيادة الأمن و توفير مناخ مناسب للاستثمار و تشجيع جميع الشركات عن طريق توفير كل السبل الممكنة.



GENERAL AGENDA

THURSDAY OCTOBER 17TH 2019

08:00 - 08:30	COFFEE AND TEA	
08:30 - 10:30	TECHNICAL SESSIONS	HALL (A-B-C-D-E)
	DIGITAL POSTERS	PARTITIONS (1 - 5)
10:30 - 10:55	COFFEE BREAK	
11:00 - 12:30	TECHNICAL SESSIONS	HALL (A-B-C-D)
	DIGITAL POSTERS	PARTITIONS (1 - 6)

13:00 CLOSING AND AWARDS CEREMONY

14:00 EXHIBITION CLOSE

CONFERENCE PROGRAMME

DAY 3 - HALL A

SESSION NAME: GEOPHYSICS TECHNOLOGY

SESSION CHAIRMEN: GAD EL QADY (NRIAG) - HATEM EWIDA (PRENCO)

TIME	COMPANY	AUTHOR	PAPER TITLE	
09:00 - 09:25	Al Azhar University, Assiut Branch, Egypt	Ahmed Radwan	Oil saturation and fractures determination using 3D seismic data reprocessing	O-01-Exploration-143
09:30 - 09:55	Schumberger, Egypt	Ivica Mihaljevic	Improving the illumination below Messinian through better acquisition planning	O-01-Exploration-101
10:00 - 10:25	GANOPE, Egypt	Mohamed El Ashmony	2-D gravity field modeling across the South Siwa area in search of hydrocarbon potentialities, onshore multi-client	O-01-Exploration-145
10:30 - 11:00	COFFEE BREAK			

SESSION NAME: EFFICIENT TECHNIQUES IN HYDROCARBON TRANSPORTATION

SESSION CHAIRMEN: YASSER SALAH (GASCO) - MOSTAFA HELAL (EGAS)

11:00 - 11:25	Alexandria Petroleum Company, Egypt	Samir Elagamy	Evaluation of some petroleum products as heat transfer medium	O-01-Midstream-118
11:30 - 11:55	Sidi Kerir Petrochemicals Company (SIDPEC), Egypt	Mohanad Ahmed Salah	New techniques for metal sulfate scale removal from production pipelines case study, Sidi Kerir Petrochemical Co.	O-01-Midstream-184
12:00 - 12:25	PETROBEL, Egypt	Mohamed Salah	Nidoco NW Field production system enhancement opportunities by optimizing and re-evaluation the flow assurance criticalities	O-01-FlowAssurance-186

DAY 3 - HALL B

SESSION NAME: FORMATION DAMAGE & FACILITIES

SESSION CHAIRMEN: ATEF HASAN (PETROBEL) - SAMIR ZAYED (PETROBEL)

TIME	COMPANY	AUTHOR	PAPER TITLE	
09:00 - 09:25	Libyan Petroleum Institute (LPI), Libya	Abdurazag Shebli	Characterization of sludge deposits from LPG plant	O-01-Reservoir-113
09:30 - 09:55	Baker Hughes (a GE Company), Saudi Arabia	Fayyaz Qureshi	Unleashing novel vibration signatures corresponding to unconventional failure modes in reciprocating compressors	O-01-Brown Field-120
10:00 - 10:25	Agiba Petroleum Company, Egypt	Marwa Alqutt	Reservoir formation damage, myths, facts and lessons learned from the damage of a deep well in Western Desert of Egypt	O-01-Reservoir-175
10:30 - 11:00	COFFEE BREAK			

SESSION NAME: SENSORS AND SMART COMPLETION
SESSION CHAIRMEN: HASAN ABBADY (PHPC) - COLBY FUSER (HALLIBURTON)

11:00 - 11:25	InflowControl AS, Norway	Mahmoud Abdel Fattah	Case study: Demonstrating that autonomous inflow controls increase oil production and decrease gas production in a carbonate reservoir	O-01-Reservoir-112
11:30 - 11:55	RASHPETCO, Egypt	Mohamed Shetia	Success story of smart completion in developing subsea field stacked reservoirs	O-01-Reservoir-160
12:00 - 12:25	PETROBEL, Egypt	Mohamed Salah	Downhole and surface pressure sensors as an alternative and accurate solution for gas rate allocation in onshore and offshore applications	O-01-Reservoir-164

DAY 3 - HALL C
SESSION NAME: DRILLING & COMPLETION-2
SESSION CHAIRMEN: SALAH ABDEL KARIM (BAPETCO) - SAMY ABDEL FATTAH (PETROGULF)

TIME	COMPANY	AUTHOR	PAPER TITLE	
09:00 - 09:25	Downhole Technology, USA	Omar Mohamed	Maximizing operational efficiency for fully composite FRAC plug quicker stages, less water, more dollars	O-01-Drilling-105
09:30 - 09:55	PETROBEL, Egypt	Ahmed Shaker	Thorough barrier diagnostics for well integrity problems identification using spectral noise logging. case study: T4-10 offshore gas well	O-01-Drilling-158
10:00 - 10:25	Interwell ME, United Arab Emirates	Steve Ross	High expansion V0 RBP solution for failed lower master valve	O-01-Drilling-107
10:30 - 11:00	COFFEE BREAK			

SESSION NAME: DRILLING & COMPLETION-3
SESSION CHAIRMEN: OSAMA KAMEL (EDC) - MAGED MOURICE (EPHH)

11:00 - 11:25	Schlumberger, Egypt	Maria Leticia Vazquez	Diagnose and remediate leak in constrained operating conditions brings back to production, important gas well in Desouq area	O-01-Drilling-108
11:30 - 11:55	El-Mansoura Petroleum Company, Egypt	Mohamed Ammar	Creating a permanent electric power supply system for down hole devices in Oil and Gas wells	O-01-Drilling-156
12:00 - 12:25	PETROBEL, Egypt	Ahmed Raafat	Electro-mechanical setting tools eliminate the need for explosives in setting wellbore tools	O-01-Drilling-157

DAY 3 - HALL D
SESSION NAME: HSE & ASSET INTEGRITY-3
SESSION CHAIRMEN: A NABIL ABDEL SADEK (GPC) - SABRY EL SHARKAWI (RASHPETCO)

TIME	COMPANY	AUTHOR	PAPER TITLE	
09:00 - 09:25	Mellitah Oil & Gas B.V., Libya	Fwazi Elshawesh	Fatigue failure of 316L stainless steel coil tubes at gas processing facilities at offshore platform	O-03-HSE-130
09:30 - 09:55	CGE Risk Management Solutions B.V., Netherlands	Geert Van Loopik	Opportunities to enhance barrier management through incident analysis	O-03-HSE-128
10:00 - 10:25	Wood, USA	Samer Ibrahim	Effect of high temperature hydrogen attack in Dissimilar Materials under high working temperatures	O-03-HSE-126
10:30 - 11:00	COFFEE BREAK			

SESSION NAME: INNOVATIVE TECHNIQUES FOR COMPETITIVE PRODUCTION
SESSION CHAIRMEN: MAGDY GALAL (EGAS) - HESHAM SELIM (ECHEM)

11:00 - 11:25	GASCO, Egypt	Abd El-Rahman Sayed	Pre-feasibility study of petroleum products production from gas-to-liquids (GTL) plant in Egypt	O-01-Midstream-183
11:30 - 11:55	Alexandria Mineral Oils Company (AMOC), Egypt	Marwan Soliman	Improvement of gasoline octane number by using some petroleum extracts	O-01-Midstream-185
12:00 - 12:25	Alexandria National Refining & Petrochemical Co. (ANRPC), Egypt	Hassan Elnagar	Improvement of crude oil flow properties using innovative polymeric materials	O-01-FlowAssurance-187

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