









ملتقى ومعرض بنغازي الدولي للنفسط و السغاز











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The conference is an int ernationally distinguished event hosted by National Oil Corporation (NOC) in the city of Benghazi. The themes of this conference will discuss strategies for best utilization of the important energy resources in Libya. In addition, it provides a considerable chance for investors, companies, and universities to present their state of art technology related to oil and gas sector locally and internationally.





It is with great pleasure to invite you for Benghazi International Forum and Exhibition of Oil and Gas (BIEOG). This event will be held in Benghazi, Libya during 9 - 11 October 2018. It will provide a platform with opportunities for industry leaders, engineers, researchers, manufacturers, and service providers to exchange best practices, introduce innovative ideas, expand working network, and showcase products and services in petroleum industry.

NOC







Oil and gas sector strategies in Libya: The oil sector in Libya is one of the most important sources of income for the Libyan state. Libya's oil and gas industry has faced many challenges and variables that have negatively affected the development of the sector and the acceleration of its various activities. Based on the interest of the National Oil Corporation in this sector as the most important pillars of the Libyan economy aimed at a number of plans and investment programs that will increase production capacity and raise refining capacity and expansion in the field of petrochemicals and gas. Therefore, this event represents an opportunity through the presence of investors and exhibitors to contribute to achieving these objectives.

Schlumberger



Eng. Reda El-Kabir
Libya Managing Director at Schlumberger.

On behalf of Schlumberger overseas, we are honored to participate in the Benghazi International Oil & Gas Conference and Exhibition. Schlumberger is world's leading Oil Services Company; we emphasized the readiness of Schlumberger Libya to fully support the NOC Libya and its operators in all Libyan oil fields while maintaining international standards in terms of safety, quality of services and full support to all operations of oil companies in the fields of various Libyan. Schlumberger Libya is proud to be the only international service company that has continued to operate in the Libyan oil fields during the last four years despite all the security and economic challenges. All Schlumberger management looks forward to provide the full support and continue its cooperation with all our partners in the Libyan oil sector to achieve the goals of production rates and the recovery of Libyan oil services and industry.



Mr. Erwin Kroll Senior Vice President Middle East & Africa

OMV has been present in Libya since 1975, when it has undergone continuous growth. The OMV success in Libya is based on the acquisition of producing assets, exploration as well as field developments and re-developments. OMV has been exploring in most sedimentary basins on- and offshore Libya. Once the political situation stabilizes, OMV can increase production in Libya to around 40,000 BBL/D. This will, however, require additional investments in the existing fields. The production volumes are likely to be achieved in three to five years.









Mr. MITSIOU GEORGIOS

DEPUTY DIRECTOR DEVELOPMENT

METKA International is a leading energy sector contractor, working with its clients and partners to develop and implement complete gas to power projects globally.

As a subsidiary company of MYTILINEOS, the leading independent gas supplier and power producer in Greece, METKA International leverages the significant development, financing and management expertise of MYTILINEOS to support projects through development and financing into successful operation. With more than 50 years of experience, METKA International has a strong track record in emerging markets internationally, including Libya and is growing its presence across the region having already established branch offices in Benghazi and Tripoli, and having recently undertaken a power project with total power output of 740MW in Tobruk.

For further information please visit our website: www.mytilineos.gr.



Mr. Abdullah M. Ben Amer Controller of Corrosion Protection Department



Akakus Oil Operations is one of the largest oil companies operating in Libya and has pioneered, explored and eventually developed two major blocks in the Murzuq Basin in the South Western area of the Libyan Desert adjacent to the famous Akakus Mountain strip and the old city of Ubari.

The NC-115 and the NC-186 blocks (Collectively termed the El-Sharara Field) are the two national concessions that have been, and continually developed. All produced crude is processed in these two concessions and transferred via a 723 Km long 30" pipeline across the great Sahara Desert to the Akakus Oil Tank Operations Farm on the northern coast of Libya, nearby the neighboring cit of Zawia, where final storage and lifting to Tankers to the worldwide market is undertaken.

At midpoint over this long distance Akakus Oil Operations utilizes a boosting pump station, Hamada NC-8 pump station, to aid and overcome the physical obstacles associated with the long shipment process of the crude oil







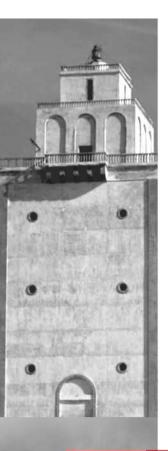
شركة الخليج العربي ترى أن النفط والغاز سيستمران في لعب دور استراتيجي في توفير احتياجات الطاقة العالمية للتنمية الاقتصادية ولعقود قادمة. وتسعى الشركة لتحقيق مستوى عال من الاداع مع الاهتمام بعمليات السلامة الصحية وادارة البيئة ومراعاة المحافظة على المصادر الطبيعية الليبية لاستخراج النفط والغاز بأكثر الطرق جدوى وذلك بالعمل وفق القوانين المحلية والدولية المتعلقة بالتأثيرات السلبية لنشاطات استخراج النفط والغاز



Mr. Ahmed A. Ammar DEPUTY DIRECTOR DEVELOPMENT



تعتبر شركة الواحة للنفط أحدي أكبر شركات المشاركة العاملة في مجال إنتاج النفط والغاز في ليبيا تأسست في عام 1955 م وتدير شركة الواحة عدد من الحقول الرئيسة (حقل الواحة ، جالو ، الســـــــماح ، الظهرة ، الفارغ ، وميناء السدرة) واخري فرعية .منتجة للنفط والغاز ويبلغ انتاجها في الوقت الحالي اكثر من 300 الف برميل يوميا



Conference Themes

- 1 Exploration, Production and Reserves Development
- 2 Maintenance and Projects
- 3 Refining and Petrochemicals
- 4 HSE & Sustainable Development
- 5 Digital Innovation in Oil and Gas Industry
- 6 Option for Masterclass
- 7 Lectures by Invited Speakers

Venue of Conference

Tibesti Hotel in Benghazi.

Important Dates

Draft paper due data 31-08-2018

Final paper due date 06-09-2018

Presentation due date 15-09-2018

Fees and Language
Students and members of the teaching staff of Libyan Universities,
who are authors of papers, are exempted from registration fees. All other participants
please follow the website. The language of the scientific program is English.

Awards

NOC offers the accommodation and transportation for the best five papers that will be orally presented by the presenters





Exhibition Hall2

Exhibition Hall1





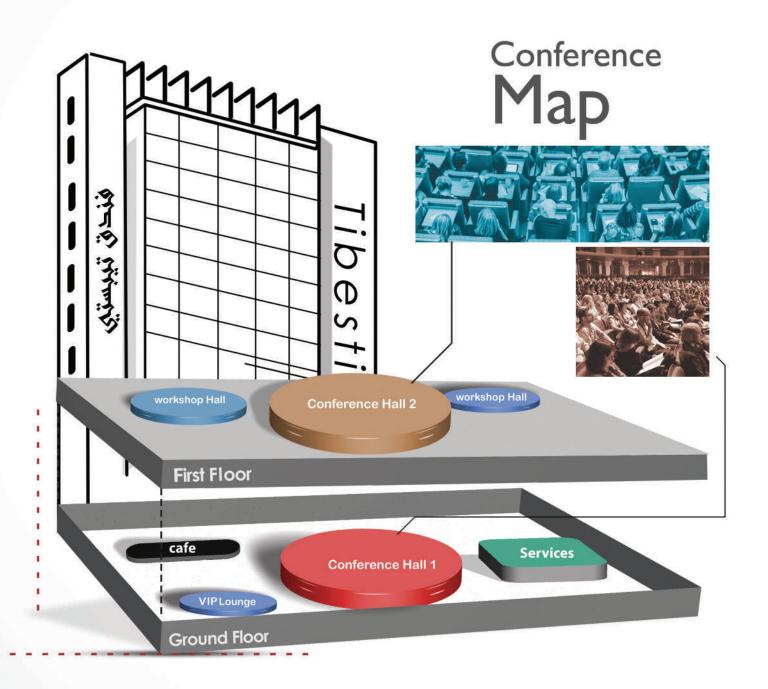






ناعــة فـــدمــــــات وتــسجيـــل الزائــرين Services & Visitors Rigistration Hall







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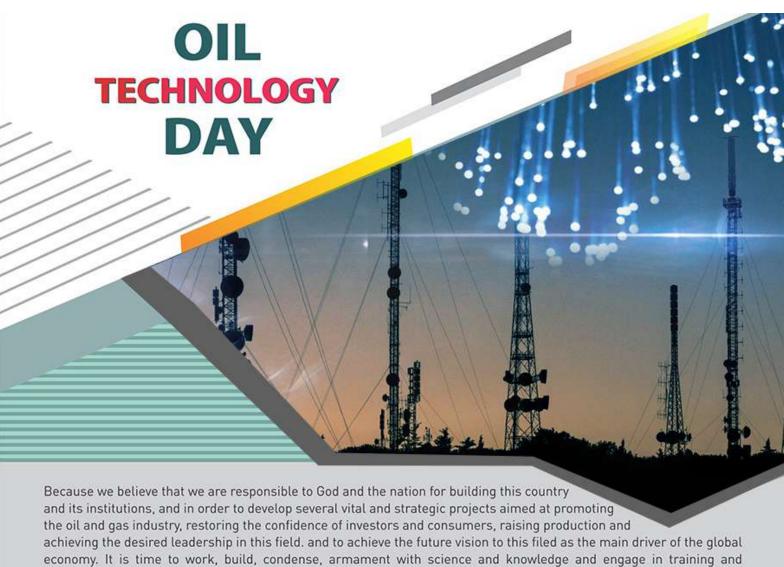
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and its institutions, and in order to develop several vital and strategic projects aimed at promoting the oil and gas industry, restoring the confidence of investors and consumers, raising production and achieving the desired leadership in this field. and to achieve the future vision to this filed as the main driver of the global economy. It is time to work, build, condense, armament with science and knowledge and engage in training and rehabilitation. In this sense, we are proud to organize Benghazi International Forum and Exhibition of Oil and Gas [BIEOG2018] to be held on 09-11 Oct. 2018, under the official sponsorship of the National Oil Corporation. The event will also include the activities of the Oil Technology Day to be an opportunity to develop trade, professional and technical relations between the oil and gas sectors, telecommunications and information technology, and to meet with a number of specialists, expertise to develop the both sectors, and show products directly to the public and private targeted key institutions to identify the modern scientific discoveries and opening up to the global markets and cooperate together to intensify efforts for the rehabilitation of capacities and competencies on scientific and professional basis.





ملتقى ومعـرض بنــــفـــــازي الـدولـــــــي للنفـط والفــــاز



BENGHAZI INTERNATIONAL FORUM AND EXHIBITION OF OIL AND GAS

مؤتمر بنغازي الدولي للنفط والغاز Benghazi International Conference of Oil & Gas







المقدمة

- مؤتمر ومعرض بنغازي الدولي للنفط والغاز هو حدث دولي مميز جدًا تستضيفه مدينة بنغـــــازي، لتوفـــــيــر استـــراتيــجيات افــــــضل لقدرات احد مــــــــــــوارد الطـــاقة الرئسيــة و المهمة في ليبيا .
 - ويهدف هذا المؤتمر الي تبادل الخبرات العلمية واقتراح العديد من الحلول الممكنة لمختلف المشاكل التي تواجه قطاع النفط والغاز. ويعـــتبر المؤتمر فرصه ممتازة لاطلاع المستثمرين والشركات الدولية علي أحدث المستجدات في قطاع النفط والغاز. وسيتناول المؤتمر بحث مواضيع مختلفة على علاقة بمستقبل النفط والغاز في ليبيا والصناعة النفطية الدولية وتطبيق تقنيات وطرق جديدة



مكان المؤتمر

سيُعقد المؤتمر في محينة بنغازي بفندق تيبستي

Venue of Conference

The conference will be held in Tibesti Hotel at Benghazi city.

Introduction

Benghazi International Conference and Exhibition of Oil and Gas is an internationally distinguished event hosted by city of Benghazi. It will focus on strategies to best utilize the most important energy resources in Libya.

It aims to exchange scientific experiences and suggestions to solve various problems that oil and gas sector is facing. In addition, it will provide great opportunity for investors and international companies to present their state of the art technologies related to oil and gas sector. The conference will discuss different topics related to future of oil and gas in Libya and international oil industry, and application of new technologies.

تاريخ انعقاد المؤتمر

مؤتمر ومعرض بنغازي الدولي للنفط والغاز سيعقد في الفتره من 9 الى 11 اكتوبر 2018

Conference date

Benghazi International Conference and Exhibition will be held on 09 - 11 Oct. 2018.







مَحَاور الْمُؤتَّمَر

Themes of the BIEOG Conference

1. Exploration, Production and Reserves Development Topics

1. الإستكشاف والإنتاج وتطوير الإحطياطي

- 1.1 Advance Geoscience Technology in Exploration and Development.
- 1-2 Geophysical Method (Seismic and Potential).
- 1-3 Hydrocarbon Potential of Sedimentary Basin (Formation Evaluation, Basin Modelling, Petroleum Play and Sequence Stratigraphy).
- 1-4 Drilling and Completion.
- 1.5 Reservoir Engineering (Management Optimization, Modelling and Characterization).
- 1-6 Optimal Utilization of the Producing Natural Gas to reach the stage of non-flaring gas.

- 1.7 New Fields; Phase of Development Strategies.
- 1.8 Application of IOR/EOR Techniques in Oil fields.
- 1.9 Techniques of Early Production Facility.
- 1.10 Unconventional Reservoirs (Characterization and Modelling).
- 1.11 Formation Damage: Causes, Prevention, and Remediation.
- 1.12 Key Challenges Behind Complex Reservoirs Development.
- 1.13 Flow Assurance and Artificial Lift Methods.

2. الصيانة والمشاريع

2. Maintenance and Projects Topics

- 2.1 Modeling and Optimization of Maintenance/Projects Activities.
- 2-2 Revitalization of Libya's Oil and Gas Infrastructure.
- 2-3 Challenges for Power generations in Libya Oil Fields.
- 2-4 Improve Oil and Gas Production in Libya.
- 2-5 Solar Energy with Renewable Energy.

3 التكرير والبتروكيماويات 3. Refining and Petrochemicals Topics

- 3-1 Challenges for Future Refining/ Petrochemical Industry. **Refinery & Petrochemical Integration** of Projects and Technologies.
- 3-2 Hydro-Processing/Hydrocracking and Catalysis.
- 3-3 Improving Refinery Margins.
- 3-4 Modern Technologies in Oil Refining Processes.
- 3-5 Fuels and Fuel Additives.
- 3-6 Increasing Refining Flexibility through Technology and Innovation.
- 3-7 Gas Utilization, Treating & Processing.
- 3-8 LNG Technology and Development.
- 3-9 Gas Flaring in Perspective.
- 3-10 Research & Development for a Sustainable Refining and Petrochemical Industry.
- 3-11 Maximizing In-Country Capabilities of Petroleum Industries.















مَحَاور الْمُؤتَمَر

Themes of the BIEOG Event

4. HSE & Sustainable Development Topics

- 4-1 Soil, Groundwater Contamination and Remediation.
- 4-2 Liquid and Solid Waste (Management and Remediation).
- 4-3 Air pollution and Clean Development Mechanism (CDM).
- 4-4 Planning of HSE Integrated Management System.
- 4-5 Sustainable Development in Oil and Gas Industry.
- 4-6 Safety and Occupational Health in Oil and Gas Industry.
- 4-7 Oil Spills.

5. الإبتكار الرقمي في صناعة النفط و الغاز 5. Digital Innovation in Oil and Gas Industry

- 5-1 Blockchain and Secure Communication System.
- 5-2 GIS Applications.
- 5-3 ERP Solutions.
- 5-4 Smart Fields.

6. مواضيع إختيارية

6. Option for Masterclass Topics

- 6-1 Pipeline Operation, Maintenance and Safety Management System.
- 6-2 Process Intensification in Oil and Gas Industry.
- 6-3 Measurement, Inspection and Rehabilitation.
- 6-4 Process Transportation and Infrastructure.

 Local Demand on Natural Gas and Mechanism
- 6-5 of Rationalization.
- 6-6 CO2 Capturing and Utilization.
- 6-7 Technologies for Efficient Hydrocarbon Facilities.
- 6-8 Corrosion Engineering Material and Analytical Techniques.
- 6-9 Chemicals Additives in Oil and Gas Sector.

7. Suggested Lectures (Invited Speakers)

- 7-1 Management in Oil & Gas Libyan Oil Industry (Facts and Future Strategy).
- 7-2 The Challenges and Difficulties Faced the Production Pipeline and Shipping Lines.
- 7-3 Oil and Gas Reserves
 (Estimation & Evaluation Techniques).
- 7-4 Challenges for Future Refining/Petrochemical Industry.
- 7-5 NORM in Oil and Gas Sector.

Important Dates

مواعيد مهمة

أخر موعد لاستلام الـــــمــلخـــصــات 30 . 06 . 2018 . 2018 . 30 أخر موعد لاستلام كامل الورقة البحثــــية 31 . 08 . 31 أخر موعد لاستلام مــادة العرض (الشرائح) 15 . 09 . 15

Deadline for abstract submission on 30.06.2018 Deadline for complete paper on 31.08.2018 Deadline for presentation on 15.09.2018











Organizing Committee

اللجنة التحضيرية



Chairman Masaoud Alawami NOC



Yosief El gheryani NOC



Mohamed Abolaige NOC



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Monia El magawb NOC



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Jalal Alshekasi JOTCO



Scientific Committee

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Dr. Salah Elsheikhi **UOB**



Dr.Elhadi Elakramih UOT



Dr.Salem Eljawashi LPI



Dr. Iftikhar Ahmad **AGOCO**

لبدةعن مدينة

مدينة بنغازي هي ثــاني أكــبر المدن اللــيبــية، وتطـــــل على ســاحل البحر الأبيض المتوســط، ويعـــتقد أنّ بدايــــة إنشائـــــها ترجع إلى القــــــــــرن الخامـــس قبــل الـــميـلاد. ويبلـــــــغ عــددسكـــــانها ويبلــــــغ عــددسكـــــانها 900,000 نسمة تقريبًا. يتصف مناخ بنغازي بأنّه معتدل

يميل إلى الدفء بشكلٍ عـــام . وتـــضمّ مدينة بنغازي أوّل جامعة ليبية والتي تمّ إنــشاؤها في فترة الخمسينات من القرن العشرين، وتعرف بإسم الجامعة الليبية (جامعة بنغازي حالياً ")، كما يوجد فيها دار الكتب الوطنية الليبية والتي تعدّ بمثابة المكتبة الوطنية والرسـمية لليبيا وكذلك يعتبر مـــطار بنينا ثاني أهم المطارات في ليبيا كما تتــمتع المدينة بالتمازج الثقافي والاجتماعي لكـــافة مكونات سـكان مدينة بنغازي الـذي يـتكون من عــدد كبـير من العـناصر المختلفة الثقافات والأصول من الوطن الكبير ليبيا

About

BENGHAZICity !

Benghazi is the second largest city of Libya. It is situated on the Mediterranean coast. The city was first inhabited

in the 5th Century BC. It's population is about 900,000 inhabitants. Benghazi climate is moderate to hot in general. The first university in Libya was established in Benghazi under the name of "Libyan University", which is now Benghazi University. The National Library of Libya is in Benghazi. Benghazi is connected to the world through Benina airport, which is one of the largest airport in Libya.

The Benghazi culture is a blend of many cultures due to influence from many social and cultural inhabitants live here.

Attendees

المستهدفون

All experienced people from different local and international companies and corporations, academic staff from Libyan and international universities and institutes, and decision makers from local and international companies.

جميع بيوت الخبرة ذات الصلة مــــن الشركات والمؤسسات الدولية والمحلية وكذلك الاكاديميين من الجامعات والمعاهد الليبية والدولية بالاضافة الي صـناع القرار في المؤسسات الليبية والدولية

الاقامة

مكان الاقامة الرئيسي سيكون في أحد فنادق مدينة بنغازي ومن أهمها فندق تيبستي الذي يــعد من أكبر فنادق المدينة وأهمها، ذو موقع استراتيجي ممـــتاز في المدينة ويتميز بخدماته الراقــية وإطلالته الرائعة علي بحيرة 23يوليو . مكان الاقامة الثاني هو فنــــــدق جليانة الذي يقع بالقرب من فندق تيبستي، ويقع في منطقة جليـانه ويتميز بخدماته الرائعة وإطلالته المباشرة على البحر

Accommodation, Transportation and Services

Main accommodation will be in one of the biggest hotels in Benghazi city, Tibesti Hotel, which is strategically located and having excellent view of beautiful lake 23rd July in Benghazi city. The other accommodation will be in Juliana Hotel, which is near Tibesti hotel. It is situated at the area of Juliana. It is famous for its excellent services and its direct view on the sea.

Services

For any logistic services kindly contat WAHAexpo Co.

Transportation

Exellent buses will be provided from the accommodation into the venue

الخدمات

يرجى الإتصال بشركة الواحة للمعارض لتقديم كافة الخدمات اللوجستية

المواصلات

سوف يتم توفير حافلات ممتازة من موقع الإقامة إلى مــــــوقع المؤتمر و المعرض





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BENGHAZI INTERNATIONAL EXHIBITION OIL & GAS



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