

NORTH AFRICA OIL & GAS SUMMIT



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North Africa Oil & Gas Summit at a glance



“It is with great pleasure that Sonatrach is supporting the 9th North Africa Oil & Gas Summit along with the 2nd North Africa Downstream Summit. We are pleased to confirm the participation of Sonatrach’s Executives at these events.”

Chief Executive Officer,
Sonatrach



DAY ONE		
Keynote plenary: The North African opportunity		
Win/win NOC/IOC cooperation	Exploration results	Increasing North Africa downstream capacities
Networking lunch shared with 		
Financing North African oil and gas development	Midstream investment	Speed Networking
Annual Student Awards		
Welcome drinks hosted by  Petrofac		
DAY TWO		
Keynote plenary: What regional and global factors drive the energy markets, and how does this impact North Africa?		Investors panel: Securing project financing
First steps towards a common market		
Juniors in North Africa	Global best practices for unconventional development	Technology innovation
Networking lunch shared with 		
Country Roundtables	Shale gas documentary screening	World Café Roundtables
Break-out: NGOs Roundtable		
Drinks Reception hosted by Schlumberger		
Gala dinner		
DAY THREE		
Offshore investment		Workshop: Operational excellence as an essential step to improving feedstock use
Speed networking		
Mature fields		
Networking lunch shared with 		
Offshore technology		
World Café Roundtables		
Break-out: Asset security workshop		

The most important oil & gas event in the region

★ Morocco

- In 2013, Morocco became the top recipient of foreign direct investment in North Africa. VPs of companies who took advantage of attractive fiscal terms, such as San Leon, will explain why they chose Morocco
- Be the first to find out the latest off-the-record exploration results across the Atlantic Margin with detailed case studies from Anadarko, Tullow Oil and San Leon
- A three hour junior operators session will uncover E&P and investment challenges and opportunities in Morocco with the CEOs and VPs of San Leon, Tullow Oil, Petra Petroleum and Fastnet O&G

🇩🇿 Algeria

- Benefit from the post bid round opportunities. Hear this year's most important industry announcements from the CEO of Sonatrach
- Major E&Ps bidding for blocks will explain their operating strategies for 2015-2016 and the partners they are looking for
- Three days to exclusively to do deals with decision makers from Sonatrach

🇪🇬 Egypt

- No other regional platform will deliver the quantity of Egyptian delegations from EGAS, Dana Gas Egypt and Apache Egypt
- Understand what positive transformations drove Egypt's economy in 2014 – updated reserves estimation and LNG volumes

🇹🇳 Tunisia

- Mohamed Akrouf, CEO, ETAP and Kamel Ben Naceur, Minister of Industry, Tunisia (subject to final confirmation) will outline investment opportunities in Tunisia
- Hear answers to questions about infrastructure projects in Tunisia, JVs formed in the past year, shale and offshore opportunities

🇱🇾 Libya

- The only place to hear real stories from NOC Libya, Libyan JVs and IOCs with assets in Libya including Waha Oil and Repsol
- Gauge developments for E&P prospects onshore and offshore Libya

Summit Highlights

450 attendees

65% of the audience is director level and above

9 different networking formats

Attended by 75% of all operators involved in the region

48% of attendees are IOCs or NOCs

Over 75 key ministry and NOCs representatives

86% of attendees stated they would come again

91% of attendees said networking was 'outstanding'

11 panel discussions

12 roundtables

30 hours of powerful networking



An unrivalled speaker faculty



**CEO,
Sonatrach**



Kamel Ben Naceur, Minister of Industry, Tunisia



Mohamed Akrouf, CEO, ETAP



**Senior Representative,
EGAS**



Ferdinando Rigardo, Regional Executive Director Europe, Asia and Africa, Repsol E&P



Paul Fink, Technical Director, ADX Energy



Mark Fenton, General Manager, DANA Gas Egypt



Bob Lambert, CEO, Petra Petroleum



Mark Linder, Director of Sector Reputation, Bell-Pottinger Geo-Political



Mehdi Haroun, Partner, King & Spalding



Jacob Kolster, Regional Director North Africa, African Development Bank Group



Salah Marei, Operations Manager, Waha Oil



**Senior Representative
GE Oil & Gas**



Christopher Schlichter, Executive Chairman, Fastnet Oil & Gas



Andrew Aplin, Department of Earth Sciences, Durham University



Mark McAllister, President & CEO, PA Resources



Francois Gauthier, Country Manager – Algeria, ENEL



Christoph Schlichter, Senior Vice President North Africa, RWE Dea



Walter Simon, Director (Middle East & North Africa), San Leon Energy



Jon Ruzska, Technical Advisor, Drilling Services – Africa Region, Baker Hughes



Mohamed Zine, Regional Director Africa, IHS



Gabriel de Lastours, Senior Banker, EBRD



Mounir Bouaziz, Vice President Middle MENA and Country Chair Dubai & N.Emirates, Shell



**Senior Representative,
Eni**



Maxime Mailhe, Regional Vice President – Business Development, Africa (North and West/Central), Foster Wheeler



Dan Themig, CEO, Packers Plus



Yasser Tounsi, Managing Director – Finance, Apache Egypt



Aloulou Fawzi, World Tight Oil and Shale Gas Resources and Activities, Energy Information Administration, US Department of Energy



Moustafa Oraby, Sr. Regional Technology Manager, Halliburton



**Senior Representative,
Schlumberger**

Benefit from unrivalled networking

Speed Networking

Meet 50 delegates in less than 30 minutes! Join a table with five of your peers for three minutes. When the bell rings pick up your new business cards and move to the next table for more introductions. A great ice-breaker, to ensure you've met everyone vital for your business.

World Café Roundtables

Similar to a roundtable but more informal, in smaller groups with individuals rotating onto different tables.

Find out if your peers believe in sustainability of Moroccan investment climate and why shale gas has been misunderstood by switching between **12 highly topical small group discussions**.

Each table's moderator will introduce the participants and the main questions providing a rounded view on the most important industry subjects.

Break-out Discussions

Two, 2.5 hours break-out discussions will be led by experts specifically to advise and tailor a roadmap to tackle challenges across North Africa:

- **NGOs** Creating a consistent and transparent dialogue with local authorities, communities and NGOs in North Africa
- **Asset security workshop** Ensuring safety and 24-hour reliable monitoring of oil and gas assets across North Africa

Country Roundtables

Now a firm favourite at the North Africa Oil & Gas Summit, the Country Roundtables are an opportunity to debate a topic in more depth. Join 25 self-selected attendees, including confirmed participation of government executives and NOCs

Join one of the informal roundtables and get all your questions answered on:

 **Algeria**

 **Egypt**

 **Morocco**

 **Libya**

 **Mauritania**

 **Tunisia**

Be a VIP!

The **VIP Freedom Pass** is a premium offer that provides you with a complete and hassle-free experience.

It includes use of our Conference Concierges during the event and the opportunity to pre-arrange meetings with up to three specific delegates at the Summit.

Meet your Conference Concierges:



Djelloul Nadji
Senior Relations
Manager



Amy Packham
Senior Relations
Manager

“To have the option to attend different presentations due to the hosting of downstream, oil and gas and unconventional under one roof in one week was immensely beneficial in our hectic work schedules”

Michael Coe, Operations Director
HOH Oilfield Services



Day 1 Sunday 7 December

Oil and gas opportunities in North Africa

The morning presidium is shared with
North Africa Downstream Summit

08:50 Chairman's opening remarks

09:00

Fulfilling Algeria's ambitions to become key gas supplier to European markets

CEO,

09:20 In conversation

CEO,

09:40 Investment opportunities in Tunisia

Mohamed Akrouf, CEO,

Kamel Ben Naceur, Minister of Industry,

11:00

Key trends and developments driving upstream and downstream projects in North Africa from 2014 to 2016

Moderator: Aloutou Fawzi, World Tight Oil and Shale Gas Resources and Activities, Energy Information Administration, CEO,

Mohamed Akrouf, Chief Executive Officer,

Kamel Ben Naceur, Minister of Industry,

11:30 What role will IOCs play in North Africa's energy future?

IOC speaker to be confirmed

12:00 Operational breakthroughs across the region to help upstream and downstream operations reach their full potential

Service and technology provider speaker to be confirmed

12:30 Networking lunch shared with **North Africa Downstream Summit**

Track A: Strategy

Win-win cooperation case studies between NOCs and IOCs

14:00 An era of stable and attractive fiscal terms in North Africa?

Mehdi Haroun, Partner, **King & Spalding**

14:30 How to create attractive production sharing agreements

Yasser Toussein, Managing Director – Finance, **Apache Egypt**

Financing North African oil and gas development

15:00 Investor panel

Assessing investor opportunities in North African oil and gas

Gabriel de Lastours, Senior Banker, **EBRD**

Jacob Kolster, Regional Director North Africa, **African Development Bank Group**

Track B: Technical

Further unlocking value in North Africa exploration

14:00 Advancing North African exploration with cost-effective technologies

Francois Gauthier, Country Manager, Algeria, **Enel**

14:30 Panel discussion

How to cost-effectively estimate reserves

10 minute presentations followed by Q&A session

Francois Gauthier, Country Manager, Algeria, **Enel**

Ferdinando Rigardo, Regional Executive Director Europe, Asia & Africa, **Repsol E&P**

Jon Ruzscka, Technical Advisor, Drilling Services – Africa Region,

Baker Hughes

Mounir Bouaziz, Vice President Middle MENA and Country Chair Dubai & N. Emirates, **Shell**

15:30 Networking break shared with **North Africa Downstream Summit** and sponsored by **REPSOL**

Track A: Strategy

Investing in human capital

16:15 Developing a long-term HR strategy to move the industry forward

Moderator: Jean Daniel Blasco, Vice President North Africa E&P, **Total**

16:45 Presentations from the finalists of the Energy Exchange's Student Engagement Programme (ESEP)

Moderator: Ouabadi Aziouz, Professor, Faculty of Science and Technology of Geography and Spatial Planning FSTGAT, **University of Sciences and Technology Houari Boumediene**



To support the Student Engagement Programme please contact d.wilson@theenergyexchange.co.uk

Track B: Technical

Midstream investment

16:15 Algeria's infrastructure investment potential

Ferdinando Rigardo, Regional Executive Director Europe, Asia & Africa, **Repsol E&P**

16:35 Algerian Sahara for the Reggane Nord project

16:55 Panel discussion

Where is infrastructure investment most needed in North Africa?

Ferdinando Rigardo, Regional Executive Director Europe, Asia & Africa, **Repsol E&P**

Jon Ruzscka, Technical Advisor, Drilling Services – Africa Region,

Baker Hughes

17:30 The Energy Exchange's Student Engagement Programme (ESEP) Awards of Excellence Celebrate the future leaders of the industry

17:45 Welcome drinks reception shared with **North Africa Downstream Summit** and sponsored by **Petrofac**



Day 2 Monday 8 December

09:00 Chairman's opening remarks

09:05 keynote address

What regional and global factors drive the energy markets and how does this impact North Africa?

09:20 Fluid transition of available energy res

Yasser Touson, Managing Director – Finance,

09:50 The future of North African LNG

Joint presentation: Mark Fenton, General Manager, Senior Representative,

First steps towards a common market

10:10

Looking at the long-term benefits of a common market in North Africa for NOCs and their partners

Moderator: John Hamilton, Director, London Office

Tarek M. Hassan-Beck,

10:30 Networking break shared with **North Africa Downstream Summit** and sponsored by 

Track A: Strategy

Juniors In North Africa

11:00 Case study Morocco: Creating competitive and results-driven environment with lucrative terms for junior companies

Walid Sinno, Director (Middle East & North Africa),

San Leon Energy

11:30 Regulatory incentives to attract small to midcap companies

Mark McAllister, President and CEO, **PA Resources**

12:00 Panel Discussion

Understanding opportunities and challenges for smaller operators in North Africa

Moderator: Bob Lambert, CEO, **Petra Petroleum**

Mark McAllister, President and CEO, **PA Resources**

Walid Sinno, Director (Middle East & North

Africa), **San Leon Energy**

Cathal Friel, Executive Chairman, **Fastnet Oil & Gas**

Track B: Technical

Global best practices for unconventional development

Delegates will attend either **a** or **b**

a) 11:00-12:00 NGOs Roundtable

Creating a consistent and transparent dialogue with local authorities, communities and NGOs in North Africa

b) 11:00 Where, why and how: horizontal drilling successes across the world

Jon Ruzska, Technical Advisor, Drilling Services – Africa Region, **Baker Hughes**

b) 11:30 Increasing ultimate production reliably and efficiently with cutting edge drilling tools

Dan Themig, CEO, **Packers Plus**

12:00 Improving fracture conductivity

Dan Themig, CEO, **Packers Plus**

Jon Ruzska, Technical Advisor, Drilling Services – Africa Region, **Baker Hughes**

12:30 Networking lunch shared with **North Africa Downstream Summit**

Track A: Strategy

Country Roundtables

From 14:00

• **Algeria**

Moderator: Mehdi Haroun, Partner, **King & Spalding**

• **Tunisia**

• **Morocco, Mauritania**

• **Egypt**

Moderator: Chritoph Schlichter,

Senior Vice President North Africa, **RWE Dea**

• **Libya**

If you are interested in hosting a roundtable please contact

d.wilson@theenergyexchange.co.uk

Track B: Technical

Community engagement across the world: transferable lessons

14:00 UK: on a path to an open dialogue with the community

Mark Linder, Director of Sector Reputation, **Bell-Pottinger Geo-Political**

14:30 Germany & Denmark: a debate about environmental impacts of fracking fuelled by the rising cost of the energy transition

Prof. Andrew Aplin, Department of Earth Sciences, **Durham University**

15:00 Eagle Ford and the other US shales: achieving the state's transformation with 38,000 full-time jobs in one year

Mohamed Zine, Regional Director Africa, **IHS**

15:20 Panel Discussion

What lessons from across the world can be transferred to North African shale development?

Mohamed Zine, Regional Director Africa, **IHS**

Prof. Andrew Aplin, Department of Earth Sciences, **Durham University**

Mark Linder, Director of Sector Reputation, **Bell-Pottinger Geo-Political**

From 15:40 Networking break shared with **North Africa Downstream Summit** and sponsored by 

Track A: Strategy

Country Roundtables

16:30 Country roundtable conclusions provided by each moderator of a roundtable

Track B: Technical

Earning a social license to drill

16:00 Documentary screening: Haynesville

In a never-seen-before on-screen discussion, environmentalists, academics and the oil and gas industry hash out the idea of trying to find cleaner energy sources and how natural gas could possibly help provide an energy answer

18:30 Gala drinks reception shared with **North Africa Downstream Summit** and sponsored by **Schlumberger**

19:30 Gala dinner

The Energy Exchange's Student Engagement Programme (ESEP)

The Energy Exchange is committed to playing its part supporting the development of some of the brightest talents from across North Africa.

Focused on two disciplines; **Geophysics** and **Petroleum Engineering**, the The Energy Exchange Student Engagement Programme - ESEP- sources and funds students to travel to our international forums so that these future leaders can see the bigger picture of Africa's industrial sectors, and the wider impact of the oil and gas industry. The best in class students from across North Africa will be celebrated in our annual Awards of Excellence.

Join us in recognising and celebrating the leaders of tomorrow.

We will be reaching out to leading organisations to mentor students and to support their development at our forums across the world.

If you are interested in supporting this initiative please contact Alexandra on a.ashikhmina@theenergyexchange.co.uk



Day 3 Tuesday 9 December

Production optimisation for offshore and mature fields

09:00 Chairman's opening remarks

Offshore investment

09:20 Panel Discussion

Analysing the latest exploration results across offshore Morocco

Walid Sinno, Director (Middle East & North Africa),

San Leon Energy

Cathal Friel, Executive Chairman, **Fastnet Oil & Gas**

Senior representative from **Tullow Oil**

09:50 IOCs short and long-term offshore strategies in North Africa

Gabino Lalinde, Business Unit Director, **Repsol Exploracion Argelia**

10:30 Speed networking

10:50 Networking break shared with

North Africa Downstream Summit and sponsored by 

11:10 Derisking early production milestones

Maxime Mailhe, Regional Vice President – Business Development, Africa (North and West/Central), **Foster Wheeler**

11:10 The latest deepwater results in Tunisia

Paul Fink, Technical Director, **ADX Energy**

Unconventional technologies for offshore and mature fields

11:50 Extending well life with additives and fracking techniques

Salah Marei, Operations Manager, **Waha Oil**

12:10 Analysing recent successes using horizontal and multilateral techniques

12:30 Networking lunch shared with **North Africa Downstream Summit**

Mike Hoffmann, Exploration Manager North Africa, **Anadarko**

14:00 Case Studies

Shale resources: an emerging exploration concept in Kuwait

George Gega, Team lead, Exploration Group, **Kuwait Oil Company**

Mature fields

14:30 How to choose the best EOR method for your existing reservoir

Tarek M. Hassan-Beck, **Independent consultant**

Paolo Gavioli, Completions and Wellbore Intervention Product Line Manager, **Baker Hughes**

14:50 Utilising the most advanced technologies to maximise production

Paolo Gavioli, Completions and Wellbore

Intervention Product Line Manager, **Baker Hughes**

10:50 Networking break shared with

North Africa Downstream Summit and sponsored by 

15:45 World Café Roundtables

Topics include:

- Offshore Morocco
- Building a common market
- Shale Gas
- Skills Shortages
- EOR
- Infrastructure investment

17:00 End of conference

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For more information, please contact **Duncan Wilson** on
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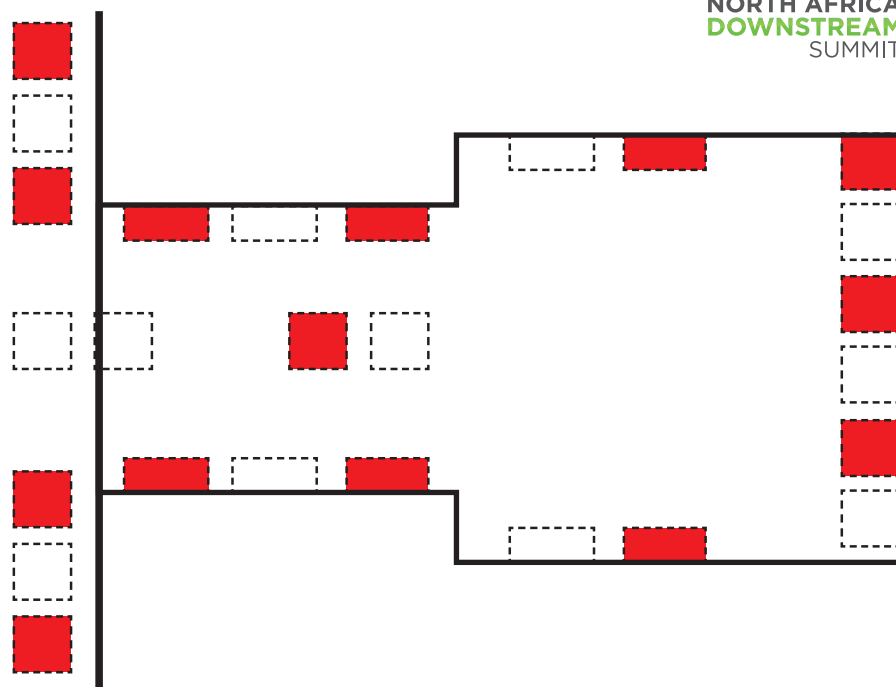
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Freedom Pass which includes North Africa Downstream Summit	£2,550 SAVE £700!	£3,250
VIP Three-Day North Africa Oil & Gas Summit	£2,550 SAVE £700!	£3,250
Three-day North Africa Oil & Gas Summit	£2,250 SAVE £700!	£2,850

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2 conferences, 1 ticket

**NORTH AFRICA
DOWNSTREAM
SUMMIT**

The North Africa Downstream Summit is the only event for the downstream industry dedicated to North Africa, providing a business platform for anyone playing, or wanting to play

a role in the downstream industry in the region.

Shared networking and a shared exhibition means your ticket to the North Africa Oil & Gas Summit also gives you access to all the stakeholders from the North Africa downstream industry.

Interested in attending the North Africa Downstream Summit too? Upgrade your ticket to a **Freedom Pass** and have the flexibility to move between both conferences and choose from over 70 sessions across three streams, plus all workshops and breakout sessions.

Discover more at www.northafricadownstream.com

The
Energy Exchange



CLARION
EVENTS

For 15 years **The Energy Exchange** has achieved worldwide recognition for the organisation of high quality, strategic and technical conferences within the upstream oil and gas sector.

The industry-led events that it produces are renowned worldwide as market leaders in their fields. Learn more about the work of The Energy Exchange at www.theenergyexchange.co.uk