Abu Dhabi International Petroleum Exhibition & Conference
11 - 14 November 2019

Oil & Gas 4.0
Strategic Conference at ADIPEC

JOIN THE CONVERSATION
www.adipec.com/confreg

www.adipec.com

#ADIPEC #ADIPEC2019

Abu Dhabi National Exhibition Centre (ADNEC)
Abu Dhabi, United Arab Emirates
As we enter the 4th Industrial Age, the world’s demand for energy and energy-based products is increasing at an unprecedented rate. Oil and gas remains essential to the broader energy mix and a key enabler of tomorrow’s global economy.

Energy companies are factoring into their strategies an assortment of global megatrends; new energy trading maps, continued downstream integration and diversification and navigating climate and environmental issues driven by policy and regulation changes in a frequently moving geopolitical landscape.

This era, known as the Fourth Industrial Age, is creating a paradigm shift in global growth and driving demand for our products. Our industry must step up to enable this massive step change in global development. In short, this mission can be given a simple name – Oil and Gas 4.0.

Oil and Gas 4.0, the Strategic Conference at ADIPEC, is rethinking how the industry adapts and applies disruptive and innovative technologies. Technologies with the ability to move at pace to deliver increased value across industries and value chains. In addition to creating an industry agenda committed to attract a digitally native, inclusive and diverse workforce with a total talent management agenda.

Oil and Gas 4.0 will ensure the industry demonstrates environmental stewardship and reshapes oil and gas multi-layered partnerships and ecosystems of the future.

An Emerging Agenda for the Oil & Gas Industry

The primary mission of the oil and gas industry in the 4th Industrial Age is to stay ahead of the world’s growing energy demand. We are calling this mission ‘Oil and Gas 4.0’.

Oil and Gas 4.0, the Strategic Conference at ADIPEC, is rethinking how the industry adapts and applies disruptive and innovative technologies. Technologies with the ability to move at pace to deliver increased value across industries and value chains. In addition to creating an industry agenda committed to attract a digitally native, inclusive and diverse workforce with a total talent management agenda.

Oil and Gas 4.0 will ensure the industry demonstrates environmental stewardship and reshapes oil and gas multi-layered partnerships and ecosystems of the future.
ADIPEC 2019
A Blueprint for the Oil & Gas Industry

The Abu Dhabi International Petroleum Exhibition and Conference (ADIPEC) provides one of the most important platforms to do business and exchange information, attracting global energy ministers, CEOs, leading industry decision makers and influencers.

Since its inauguration in 1984, ADIPEC has continued to grow, gaining worldwide recognition as the premier oil and gas industry exhibition and conference.

The exhibition hosts 2,200+ international exhibiting companies across 155,000 gross sqm with 29 country pavilions, attracting over 145,000 global attendees and 42 National and International Oil Companies.

The conference hosts over 980 strategic and technical speakers across 160+ sessions covering the whole energy value chain attracting over 10,400 delegates.

“ADIPEC is growing to become the event for the industry, the must-attend event in the calendar of most, if not all, of the major CEOs.”

His Excellency
Suhail Mohammed Al Mazrouei
Minister of Energy and Industry
United Arab Emirates

155,000 sqm
Exhibition Space
“ADIEC is a one stop shop where we meet the people we want to meet – but we are also able to listen and learn about the latest in this industry. It’s my 4th year in a row to come to ADIEC, each year it’s getting more attendees, more Ministers and more CEOs.”

Claudio Descalzi
CEO
Eni

“ADIEC has become one of the premium global energy platforms where the entire global energy industry gets together. I like the timing, in the fall, taking stock of the outgoing year, positioning yourself and projecting for the incoming year and in a very suitable environment with no encumbrances.”

Bob Dudley
Group Chief Executive
BP

“Any company, any government that merges data and oil is going to get yields that we have never seen before. We are going to see lower costs, with profits that cannot be found elsewhere. The opportunities are endless.”

His Excellency
Omar Sultan Al Olama
Minister of State for Artificial Intelligence
United Arab Emirates

Amin H. Nasser
President & CEO
Saudi Aramco

“ADIEC is becoming more important and more strategic every year – one of the best platforms for different companies and you can see the presence is not only regional – a lot of ministerial groups from different countries are also present here.”

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

“If you look at the map, Abu Dhabi geographically is in the middle, it’s not just a Middle Eastern conference now, it’s people from all over the world. The delegates, the ministers are here, it’s quite an extraordinary place and we’ll be back every year.”

His Excellency
Mohammad Barkindo
Secretary General, Organization of the Petroleum Exporting Countries (OPEC)

“A lot of ministerial groups from different countries are also present here.”

His Excellency
Omar Suwaina Al Suwaidi
Director, Executive Office Directorate
ADNOC

“We have made enormous progress, but we still have a long way to go. Women’s participation is essential to ensuring oil and gas has enough talent to drive growth in the coming years. This is why we need to focus on ‘inclusion’. By removing those barriers that many women face in the workforce, often in very subtle ways, to bringing more opportunities for women in the industry.”

Dr Daniel Yergin
Vice Chairman
IHS Markit

“Over the last few years ADIPEC has become much more significant as a place of dialogue, on the thinking, on the outlook, and the different forces that are at play in the industry.”

Mae Al Mozaini
Manager - Regulatory Affairs
Saudi Aramco

“We are in Abu Dhabi, we are with our peers, we elaborate on the issues, we share strategy – in an environment that is tailored to the future and with a strong technological base and a very strong will to go forward together.”

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

“ADIPEC is a one stop shop where we meet the people we want to meet – but we are also able to listen and learn about the latest in this industry. It’s my 4th year in a row to come to ADIPEC, each year it’s getting more attendees, more Ministers and more CEOs.”

ADIPEC 2019
Conference Chairman
Omar Suwaina Al Suwaidi
Director, Executive Office Directorate
ADNOC

“If you look at the map, Abu Dhabi geographically is in the middle, it’s not just a Middle Eastern conference now, it’s people from all over the world. The delegates, the ministers are here, it’s quite an extraordinary place and we’ll be back every year.”

As we gather for this year’s ADIPEC, the oil and gas industry continues to evolve and adapt to meet the ever growing global demand for energy. There is now a growing recognition of the importance of ‘Oil and Gas 4.0’ and many CEOs, policy makers and key stakeholders from across the world will join us in November to debate key issues, share ideas and to promote collaboration. As our industry transforms, it is clear that ADIPEC is not only leading the conversation but it is helping to set the oil and gas agenda.”

BOOK YOUR DELEGATE PLACE www.adipec.com/confreg

#ADIPEC #ADIPEC2019
Programme Overview
Oil & Gas 4.0 Strategic Conference

An emerging agenda for the oil and gas industry, providing 4 days of unprecedented dialogue, insight and thought leadership from across the industry landscape including:

- Ministerial and Policy Sessions
- Keynote Addresses
- Global Business Leaders Sessions
- Live Sessions
- Oil & Gas 4.0 Strategic Roundtables
- Inclusion and Diversity Sessions
- Technical sessions covering: upstream, midstream and downstream

**DAY 1** Monday 11 November 2019

**Keynote Address**
Managing 21st century political risk: a unique insight into the issues companies will need to navigate to ensure they successfully create organisational resilience in the years ahead

**LIVE Session**
Inclusion and diversity of today: powerful women making history

10:00-11:30 **ADIPEC 2019 Opening Ceremony**

12:45-13:45 **Ministerial & Policy Session**
Energy systems at a global, regional and local level are responding to the pressures of environment, affordability and access

14:30 - 15:30 **Global Business Leaders Session**
Oil and Gas 4.0: the nexus of technology and energy

15:30 - 16:30 **Global Business Leaders Session**
How is the industry embracing digital innovation?

16:00-17:00 **Global Business Leaders Session**
Market volatility, trading policies and international agreements: what does the future hold?

16:15 - 17:00 **LIVE Session**
How are oil and gas companies responding to energy transition? What more can we expect in the years ahead?

**DAY 2** Tuesday 12 November 2019

10:30-11:00 **Keynote Address**
The oil & gas company of the future: a proactive agenda of change will need to be established and delivered to ensure organisations in the industry remain relevant and competitive

11:00-12:00 **Ministerial & Policy Session**
The 4th Industrial revolution is upon us. One of its critical assumptions will be access to affordable energy

11:00-12:00 **Global Business Leaders Session**
Harnessing the potential of an inclusive, diverse and engaged workforce to transform organisational agendas

11:30-12:15 **LIVE Session**
Egypt - transforming the North African and East Mediterranean gas market

12:00-12:45 **Keynote Address**
Exploiting megatrends will be critical in developing and scaling new capabilities. What potential disruptors must the industry embrace?

13:30-14:30 **Global Business Leaders Session**
New strategies to accelerate the industry’s response to environmental pressures

14:30-15:30 **Global Business Leaders Session**
Market volatility, trading policies and international agreements: what does the future hold?

15:00-15:45 **LIVE Session**
Disrupting and transforming the global gas and LNG energy landscape

15:00-16:00 **Global Business Leaders Session**
Sustaining industry momentum in downstream: how will companies build an agile and resilient business model capable of withstanding the inevitable cyclical highs and lows in the years ahead?

16:00-17:00 **Finance Global Business Leaders Session**
Financial partnerships for the next phase of industry growth: National oil companies and private equity

16:00-17:00 **Finance Global Business Leaders Session**
Digital transformation is broader than just technology and requires strong strategic partnerships, access to specialist skillsets, agile learning and a fail fast culture

16:00-18:00 **Finance Global Business Leaders Session**
Innovative partnerships to enhance and de-risk traditional business models

16:00-18:00 **Finance Global Business Leaders Session**
Innovative partnerships to enhance and de-risk traditional business models

16:15 - 17:00 **LIVE Session**
Transferring the trading landscape: an unprecedented opportunity for the Middle East
This brochure is accurate as of 6 October 2019. Sessions and topics will continue to evolve and are subject to change.

### Keynote Address
**Location:** ICC Hall
**11:00 - 11:30**

**Shifting dynamics of global supply and demand have created a new energy map. What’s changed in 2019 and how will this evolve in markets in 2020?**

### Global Business Leaders Session
**Location:** Conference Hall B
**10:30 - 11:30**

**Downstream 4.0: refining and petrochemicals - growth through innovation and digitisation**

### Global Business Leaders Session
**Location:** Conference Hall B
**10:00 - 11:00**

**The future of energy and the role of oil and gas**

### Global Business Leaders Session
**Location:** Conference Hall B
**11:30 - 12:30**

**How are NOCs responding to and positioning themselves for the challenge of energy transition?**

### LIVE Session
**Location:** Conference Hall A
**11:00 - 11:45**

**Launching a new era of space exploration: a giant leap for science, technology and innovation**

### LIVE Session
**Location:** Conference Hall A
**12:00 - 12:45**

**Geopolitics, energy, and investment opportunities: shaping the future of oil and gas**

### LIVE Session
**Location:** Conference Hall A
**12:30 - 13:15**

**As the industry goes “digital” so too does the level of risk of being hacked increase exponentially as more vulnerabilities are exposed across the production chain. How can companies minimise these threats in an increasingly digitalised industry?**

### Inclusion & Diversity
**Location:** Conference Hall B
**08:00 - 09:30**

**Registration, Coffee & Coaching**

### Inclusion & Diversity
**Location:** Conference Hall B
**09:30 - 10:00**

**Keynote Address: Changing the Game for Inclusion**

### Inclusion & Diversity
**Location:** Conference Hall B
**11:00 - 11:30**

**’Ask Me Anything’: Inclusion and Diversity thought leaders respond to questions from the audience**

### Inclusion & Diversity
**Location:** Conference Hall B
**11:30 - 12:30**

**Power Presentations and Rapid Fire Learning**

### Inclusion & Diversity
**Location:** Conference Hall B
**13:45 - 14:45**

**Diversity Dialogues: Balance for Better: How can you be an ally?**

### Inclusion & Diversity
**Location:** Conference Hall B
**15:00 - 16:00**

**ADIPEC’s Oil and Gas Inclusion and Diversity Company of the Year Award Presentation**

---

**BOOK YOUR DELEGATE PLACE**

adipec.com/confreg
Opening Ceremony & Keynote Addresses

Keynote Address: Managing 21st century political risk: a unique insight into the issues companies will need to navigate to ensure they successfully create organisational resilience in the years ahead.

DAY 1 Monday 11 November 2019

10:00-11:30 Location: ICC Hall
ADIPEC 2019 Opening Ceremony

Renowned global industry leaders set the stage for the conversation on how globally the oil and gas industry is being redefined to ensure growth and relevance to the future energy mix.

Keynote Addresses

Each keynote speech will provide an insight into the understanding of key topics that are disrupting economics and the energy landscape; megatrends, industry dynamics, political influences, integration of 4.0, digitalisation, growing economies and emergent markets will be in focus on these keynote addresses, followed by a questions and answers format between the keynote speaker and moderator.

DAY 2 Tuesday 12 November 2019

10:30-11:00 Location: ICC Hall

The oil & gas company of the future: a proactive agenda of change will need to be established and delivered to ensure organisations in the industry remain relevant and competitive.

12:00-12:45 Location: ICC Hall

Exploiting megatrends will be critical in developing and scaling new capabilities. What potential disruptors must the industry embrace?

DAY 3 Wednesday 13 November 2019

11:00-11:30 Location: ICC Hall

Shifting dynamics of global supply and demand have created a new energy map. What’s changed in 2019 and how will this evolve in markets in 2020?
Ministerial & Policy Sessions

As a new age for our industry beckons, ministers and policymakers come together at ADIPEC to put in place oil and gas strategies and policy capable of navigating a number of new industry and country dynamics.

High level discussions will be taking place around new energy systems, policies, strategic decisions and economic growth, revolving around the 4th Industrial Revolution and how are leaders creating conditions for Nations to embrace the benefits of this transformation.

**DAY 1**
**Monday 11 November 2019**

12:45-13:45 Location: ICC Hall

Energy systems at a global, regional and local level are responding to the pressures of environment, affordability and access

What policy measures need to be in place to ensure a successful transition; ensuring access to new sources of supply, new forms of competition and reducing the cost energy for industry and consumer alike?

**Attendee Insights**
For attendees responsible for investment decisions, policy formulation and building strategic partnerships in existing and new markets.

**DAY 2**
**Tuesday 12 November 2019**

11:00-12:00 Location: ICC Hall

The 4th Industrial revolution is upon us. One of its critical assumptions will be access to affordable energy

How will policy makers ensure industrial and energy policy work together to ensure the economic benefits of this new industrial age are secured?

**Attendee Insights**
Linking industrial and energy policy is a fundamental tenant to creating conditions for economic growth. Attendees with responsibility for future growth assumptions and plans will gain a unique insight on the opportunities and importantly the barriers the panel identifies and discusses.

BOOK YOUR DELEGATE PLACE [www.adipec.com/confreg](http://www.adipec.com/confreg)
Global Business Leaders Sessions

Global industry leaders and influencers come together at ADIPEC to connect, innovate and make change during ADIPEC’s Global Business Leaders Panels.

These panels will gather top industry influencers to discuss what strategies are being developed to enable companies entering into new markets, attract new opportunities, develop key partnerships, people, and embrace the new ventures this new era of 4.0 is presenting.

**DAY 1** Monday 11 November 2019

14:30-15:30

**Oil and Gas 4.0: the nexus of technology and energy**

How are companies empowering this step change in the development and delivery of the global energy system? What are the new strategies industry leading companies have embarked upon to capture growth, enable portfolio diversification and secure their position in the years ahead?

**Attendee Insights**

A must attend for industry attendees and commentators seeking to better understand the pivot the industry is undertaking. A unique insight opportunity into the strategy playbook of the leading companies in the industry.

15:30-16:30

**How is the industry embracing digital innovation?**

The oil and gas industry’s need for growth is going through unescapable change. New energy trading maps, the changing nature of supply and demand, electrification and local industrial manufacturing are all demanding new ways of working. How are today’s tech trends and the continued journey of digital transformation playing out for oil and gas companies? How is oil and gas 4.0 linking digital transformation, people and partnerships, enabling change and setting the basis to build the oil and gas company of the future?

**Attendee Insights**

An important session for attendees seeking to get a handle of the meaning of digital transformation and its actual impact from some of the leading architects of digital change in the industry.

16:00-17:00

**Market volatility, trading policies and international agreements: what does the future hold?**

Oil price volatility and ambiguity over global trade agreements often lead to uncertainty in global economic growth and unpredictable market conditions. Can and will the OPEC Alliance continue to support the balance of energy markets? Will the emergence of new regional trading hubs help balance markets? Will new charters and frameworks can we expect? In addition, can industry, policy makers and global Think Tanks collaborate further to better align energy policy objectives and outcomes?

**Attendee Insights**

An important session for those attending with a keen interest in the likely direction of pricing over the next 12 months and the implications of price volatility on their planning assumptions.
Global Business Leaders Sessions

DAY 2 Tuesday 12 November 2019

11:00-12:00  Location: Conference Hall B

Harnessing the potential of an inclusive, diverse and engaged workforce to transform organisational agendas

People create the basis of a successful business fostering development, innovation and creativity. In today’s new era of Oil & Gas 4.0, business leaders are expected to do more to stand out especially when it comes to managing their pool of talent. How will the industry lead its existing and future employees differently? What are the unique initiatives being implemented that bridge disparity in gender, racial and ethnic diversity? How are business models being reinvented to attract and include millennials, women and minorities capitalising on the skill sets they bring?

Attendee Insights
All attendees will need to have in place strategies for dealing with the existing and future environmental agenda. The session provides a great opportunity for all attendees to better understand how leading organisations are planning to deal with this in the years ahead.

13:30-14:30  Location: ICC Hall

Financial partnerships for the next phase of industry growth: National oil companies and private equity

With new financial partnerships emerging it’s imperative to understand the new investment opportunities for traditional and non-traditional energy players and what benefits this brings to the future when access to capital will be needed. How will the NOC/private equity relationship evolve and what is this opportunity they both bring to each other? How are operators releasing capital from assets and how attractive is the Middle East to private equity firms?

Attendee Insights
A must attend session for CEOs, CFOs, CIOs and C-level representatives from financial institutions and capital market firms that are looking to understand where the real investment and most profitable opportunities are in the region and globally.

14:00-15:00  Location: Conference Hall B

Sustaining industry momentum in downstream: how will companies build an agile and resilient business model capable of withstanding the inevitable cyclical highs and lows in the years ahead?

What new strategies, tactics and innovative partnership models will organisations need to put in place to reshape their refining and petrochemicals portfolio ensuring its ability to position for the new market opportunities and manage the downturn in demand for certain parts of the product slate?

Attendee Insights
A session for downstream executives, service partners and consultants seeking insight into the changes likely to emerge in this sector. Helping them better position their organisations to take advantage of this dynamic and fast changing part of the value chain.

BOOK YOUR DELEGATE PLACE www.adipec.com/confreg

#ADIPEC #ADIPEC2019
Global Business Leaders Sessions

**DAY 2**

**Tuesday 12 November 2019**

**14:30-15:30**

**New strategies to accelerate the industry’s response to environmental pressures**

A successful energy transition to a lower carbon world requires that oil and gas is supplied in a way that minimises adverse social and environmental impact. An increasing number of countries, jurisdictions, and companies have announced targets or goals to ensure that oil and gas meets certain environmental targets. What further steps will the industry need to take to reduce indirect GHG emissions associated with the production, processing, transmission, refining, and distribution of oil and gas?

**Attendee Insights**

Business leaders across all components of the oil and gas value chain will gain a better understanding from the session, of the actions they will need to take to ensure their workforce is aligned in a manner that will contribute to their own transformation agenda.

**Moderators**

Yaser Saeed Al Mansouri
CEO
ADNOC Onshore

Elena Burmistrenko
Deputy Chairman of the Gazprom Management Committee
Director General
Gazprom Export

Sanjiv Singh
Chairman
IndianOil

**Speakers**

Mario Mehren
Winterhalter DEA

Keith Martin
Executive Board Member
Uniper SE

Dr Daniel Yergin
Vice Chairman
IHS Markit

**1500-1600**

**Digital transformation is broader than just technology and requires strong strategic partnerships, access to specialist skillsets, agile teaming and a fail fast culture**

Strategic partnerships lead the way in enabling powerful digital ecosystems. Insights into the critical developments within the industry provide a unique base of insight on how the digital agenda is radically reshaping the oil and gas industry.

**Attendee Insights**

Attendees working on existing or future digital programmes and those responsible for building new partnership ecosystems within their organisations will be able to understand actions industry leaders have taken and importantly some of the lessons learnt in building new partnership models.

**Moderators**

Olivier Le Peuch
Schlumberger

Mark A. McCullum
President and CEO
Weatherford

Alan Nelson
CTO
ADNOC

**Speakers**

Peter Taweesch
Industrial Automation Business Member of the Group Executive Committee
ABB

Mike Tran
President Emerson
Automation Solutions

Andre Luyckx
Vice President Digital Transformation
ExxonMobil Upside
Integrated Solutions Company

Richard Holzman
Accenture Digital Lead
for Resources

**16:00-17:00**

**Innovative partnerships to enhance and de-risk traditional business models**

How do we go beyond traditional oil and gas partnership models that provide increased financial, operational and technical benefits? What are the criteria for a successful and sustainable partnership? How will risk and reward be managed? Are these partnerships changing the nature of competition and can they be replicated in other parts of the value chain?

**Attendee Insights**

For attendees operating not only in the oil and gas industry, but industries that are now looking to partner, invest and collaborate with oil and gas players. A must attend session that taps into the world of these new partnerships, highlighting the business opportunities on offer by this new adjunct to the industry’s business model.

**Moderators**

Bakheet Al Katheeri
CEO
Mubadala Petroleum

Michele Fiorentino
COO
ADNOC

Reinhard Florey
Vice Chairman
MODERATOR

**Speakers**

Brian Wame
CEO
Baker Hughes

Eduard Ruja
Managing Director & Member of the Global Energy and Power Infrastructure Team
BlackHawk

Sanjiv Singh
Chairman
IndianOil

Steve Sadove
Anchor
CNBC

**16:00-18:00**

**Transforming the trading landscape: an unprecedented opportunity for the Middle East**

2019 has been a transformative year for ADNOC Marketing, Supply and Trading. Hear perspectives from ADNOC’s leadership team and key partners on the future of the trading landscape, as well as ADNOC’s vision and plans for its Marketing, Supply and Trading Directorate.

Attendees: Industry players, industry analysts, traders, high-level government stakeholders.

**Organised By**

adipec.com
Global Business Leaders Sessions

DAY 3  Wednesday 13 November 2019

10:00-11:00
The future of gas and LNG is here and now: building roadmaps to open new markets and harness demand

A look at the key factors that could affect supply and demand forecasts, accelerate approvals for known FIDs, and access to emerging markets.

Attendee Insights
With gas assets becoming an integral part of the industry’s pivot. This session will be important for all attendees with existing gas assets and or seeking to acquire new assets to complement their portfolio.

10:30-11:30
Downstream 4.0: refining and petrochemicals - growth through innovation and digitisation

The transformation of the refining and petrochemical industries continues at pace. How has this important part of the value chain initiated and delivered new strategies around digital, people and business partnership? What steps are being taken to reduce environmental impacts of complex conversion and distribution technologies?

Attendee Insights
For those attendees seeking to understand the planned interventions leading downstream executives will make to overcome some of the well-known roadblocks to ensure their businesses remain a profitable part of the industry value chain.

11:30-12:30
How are NOCs responding to and positioning themselves for the challenge of energy transition?

The new energy trading map, the changing nature of hydrocarbon demand, the emergence of a global gas market all pose both a challenge and opportunity for National Oil Companies. How has the NOC strategy playbook changed in recent years? Will the operating models and strategic partnerships of NOCs need to change to allow them to compete and gain ground against the majors?

Attendee Insights
Attendees seeking to partner with NOCs will get a greater understanding of the likely direction these organisations will take and hence how to adjust their positioning to ensure continued relevance.

12:00-13:00
The future of energy and the role of oil and gas

The future energy landscape remains uncertain. On the one hand, population growth and rising living standards point to the need for further significant increases in energy demand. On the other hand, there is a growing recognition of the need to reduce carbon emissions. The world has started on its transition to a lower carbon intensive energy system. But what will that world look like? And how quickly will it emerge?

Attendee Insights
Exploring the reasons why long-term hydrocarbon energy forecasts will be wrong, highlighting the risks around the key drivers of change. Specifically, what could act as a catalyst to accelerate the world away from oil, and what could this mean for gas? Conversely, what – if anything – could lead to higher oil and gas demand than forecast? And what are the strategic implications and how majors are positioning themselves for this uncertain world.
This year, ADIPEC will launch the Offshore & Marine Conference, adding a dedicated strategic stream to the conversation, hosted by ADNOC Logistics & Services (ADNOC L&S), taking place on Wednesday 13 November 2019.

ADIPEC Offshore & Marine Conference

The ADIPEC Offshore and Marine Conference will bring together senior executives and high-level decision makers to explore how shipping, transportation and logistics companies can best add value throughout the oil, gas and petrochemicals supply chains. Offshore and Marine industry leaders will provide detailed and topical analysis of the issues and challenges facing the global and regional tanker sector, and how the needs and requirements of exporters in the Middle East can best be met now and in the future.

The programme will be hosted by leading BBC journalist Yalda Hakim, and discussions will evolve around insightful analysis of crude, product and chemical tanker markets, Big Data analytics, environmental regulations including IMO 2020, cyber and physical security and Human Resources challenges.

There will also be sessions on petrochemicals transportation and logistics, and how investment in downstream petrochemicals industries across the region is opening up new possibilities for shipping, transportation and logistics companies.

Industry leaders from the offshore vessel support and logistics sector and logistics sector will present how to rapidly this recovering business is responding to evolving energy industry requirements, while harnessing new technology to maintain high levels of safety and operational efficiency.

The ADIPEC Offshore and Marine Conference will conclude with a gala reception, hosted by soccer superstar Ruud Gullit, that will provide excellent opportunities for networking.

ADIPEC Offshore & Marine Conference

DAY 3 Wednesday 13 November 2019

9:15-10:00
Registration and welcome coffee break

10:00-10:10
Inaugural Address

10:10-11:00
Keynote Session
What challenges are the global regional and tanker industry facing? Analysing the needs and requirements of the energy sector in the Middle East, focusing on the UAE-China trading developments and the emergence of new hubs.

11:00-11:30
Panel discussion followed by Q&A

11:30-11:45
Coffee Break
11:45-12:35
**Tanker shipping - securely connecting markets at a time of geopolitical and economic uncertainty**
Top industry leaders will assess the state of the crude, product and chemical tanker makers and outline how the sector can better assist in meeting the strategic objectives of energy exporting countries, and major producing companies, in a reliable, safe, secure and environmentally sustainable way. Topics will include:

- High profile market analysts of tanker shipping, including likely supply and demand side trends.
- What are economists predicting for world trade developments and what might this mean for tanker shipping markets?
- How are the main geopolitical risks being assessed and how might trade barriers impact on key markets?
- What vessels are needed to meet future demand and how will they be sourced, funded and financed?
- The implications of the regional security situation and stance taken by Joint War Committee.

12:35-13:00
**Panel discussion followed by Q&A**

13:00-14:00
**Networking Lunch**

14:00-15:00
**Petrochemicals transportation and logistics - adding value to Middle East exports**
- Investment in the downstream petrochemical industries across the region is creating interesting challenges, and opportunities, in terms of shipping, transportation and logistics. How can petrochemical exports be delivered to market in a timely, efficient and cost-effective way?
- What role digitalisation plays in the sector?
- Assessing the increased focus by container shipping lines on the petrochemicals business and how this can assist in achieving strategic targets.
- The role of leading 3PL logistics service providers. The emergence of rail as a serious petrochemicals transport and logistics option.
- How can innovative new technology solutions like Hyperloop benefit petrochemicals exports?
- How does the development of localised arbitration services bring confidence and value to regional shipping and trade?

15:00-15:30
**Panel discussion followed by Q&A**

15:30-15:45
**Coffee Break**

15:45-16:45
**Offshore vessel support and logistics - responding to energy major requirements and harnessing technology to maintain operational quality**
- The offshore vessel sector is slowly recovering after years in the doldrums. How can the recovery be sustained and what investments are now required?
- What types of vessels are most needed in specific markets and what technology solutions will be brought to market?
- Assessing market conditions from a global and regional perspective, highlighting important case studies and charting out future prospects for this business.
- The need to adopt a green shipping approach and the need for investment in Human Resources.
- Analysing the key design initiatives and technology solutions that can support investors, owners and operators in navigating the challenges of offshore asset management.
- The role of classification societies in taking the offshore maritime sectors to a new level of efficiency, quality and carbon neutrality.

16:45-17:15
**Panel discussion followed by Q&A**

18:30-20:30
**ADNOC Logistics & Services Evening Reception**
NEW FOR ADIPEC 2019

LIVE Sessions

ADIPEC Oil & Gas 4.0, the Strategic Conference at ADIPEC will be launching new and exclusive Live sessions gathering top leading moderators, taking stage alongside global influencers and disruptors in an informal and unique setting.

An exclusive question-answer format that aims to get the audience closer to leading global figures transforming the global economic and energy landscape. Topics will evolve around politics, megatrends and energy dynamics as well as how these renowned leaders went above and beyond, leading the way in today’s rapidly evolving, fast paced world.

DAY 1  Monday 11 November 2019

Inclusion and diversity of today: powerful women making history

Raising awareness, addressing biases, and creating an action agenda to shape a diverse and inclusive society is a critical priority for today’s leader.

This Live Session will feature a conversation with Condoleezza Rice, the first female African-American to be appointed US Secretary of State. A political scientist and diplomat, Dr Rice is widely considered to be one of the most influential women in the world. She is outspoken on race and gender issues and is an advocate for female empowerment. As Secretary of State, Dr Rice pioneered the policy of Transformational Diplomacy directed toward expanding the number of responsible democratic governments in the world.

16:15 – 17:00

How are oil and gas companies responding to energy transition? What more can we expect in the years ahead?

With global energy demand rising and oil and gas still remaining an essential part of the global energy mix, companies must adopt and embrace the challenge to comply with governmental policies that require a step change and a commitment to more sustainable hydrcarbonations. How are majors adapting these changes and what strategies are being developed? What technologies are being adopted? Are there specific investment opportunities and funds being allocated? And how the leaders of today can accelerate the energy transition with innovation, commitment and drive this global transformation towards a lower-carbon future.

This Live Session will feature a conversation with Lord John Browne of Madingley on how and gas companies are leading this transformation and what steps companies must adopt to combat climate change and spearhead transition.

DAY 2  Tuesday 12 November 2019

Egypt - transforming the North African and East Mediterranean gas market

With the region witnessing game changing discoveries, the race to create a regional gas and LNG market and trading hub has begun. New alliances are being formed, new delivery routes are being created and new infrastructure investments are in process, creating new bilateral trade and commercial partner business opportunities.

15:00 – 15:45

Disrupting and transforming the global gas and LNG energy landscape

The world is changing and gas and LNG plays a crucial role within this change and in the global energy mix. With government policies advocating towards energy transition, new demand, more supply and new projects reaching FID, what to expect in the years ahead? Where are the new markets and will we see a transition on new business models and trends in this industry?

This Live Session will feature a conversation with Charif Souki, considered one of the pioneers of the US’ gas and LNG exports, discussing how disruption can lead to innovation, new investments, new opportunities and success.

DAY 3  Wednesday 13 November 2019

Digital humans – an integral part of the workforce of the future?

Artificial intelligence partnered with digital humans can transform industries and economies, helping oil and gas companies exploit their business models to increase stakeholder and client engagement and bring about new dynamic interactive ways of operating and doing business across the energy value chain.

This Live Session will feature a conversation with Greg Cross on how humanising the next generation of computers can benefit the oil and gas industry, what can the oil and gas industry learn from leading edge businesses and where do robots fit in the next generation of business services and supply chain.
12:00 – 12:45

Launching a new era of space exploration - a giant leap for science, technology and innovation

The UAE’s Space Agency’s strategy contributes to the country’s pillars of science, technology, innovation and policy, linking it to the Fourth Industrial Revolution. These objectives are aligned with the UAE’s goal to diversify the national economy and support R&D.

This Live Session will feature a conversation with His Excellency Dr Mohammed Nasser Al Ahbabi on how His Excellency sent a probe into orbit around Mars last year spearheading innovation and what that means to the development of Mars City in Dubai – a visionary strategy for the UAE.

DAY 4
Thursday 14 November 2019

11:30 – 12:15

Geopolitics, energy, and investment opportunities: Shaping the future of oil and gas

Geopolitics and economic changes impact the oil and gas industry; impacts and changes that are linked to CEO’s strategies, continuously looking for growth and diversification across new markets and value chains. The right opportunities for companies are measured taking account these variables and organisations must understand the evolution of these geopolitical scenarios and what do they mean for new energy investments.

This Live Session will feature General (ret.) David Petraeus addressing how new policies and industry dynamics can impact the strategic directions companies need to adopt in the years ahead.

12:30 – 13:15

As the industry goes “digital” so too does the level of risk of being hacked increase exponentially as more vulnerabilities are exposed across the production chain

How can companies minimise these threats in an increasingly digitalised industry?

Companies biggest vulnerabilities are not the security systems in place, but the humans employed. Jamie Woodruff will be discussing these topics in this Live Session and how hackers today are using social engineering to access businesses; how to improve employees awareness; who is better equipped to spot attacks, and will ethical hackers leapfrog criminal hackers to gain the upper hand, or are we doomed to a world where the criminal hacker will always be one step ahead?

LIMITED SEATS AVAILABLE BOOK ONLINE TODAY
www.adipec.com/livesessions
Oil & Gas 4.0 Strategic Roundtables

Innovation, transformation and agility are the backbone of today’s forward thinking oil and gas company in the evolving energy landscape. They enable their organisational business choices at pace, and create new company structures, business models and diverse partnerships, as they respond to new and emerging global megatrends.

ADIPEC Oil & Gas 4.0 embraces these values, leveraging the benefits of the 4th Industrial Age. ADIPEC 2019 introduces six exclusive, closed door roundtables, solely attended by CEOs and C-level executives, not only from leading international oil and gas companies, but also from the leading technology companies, which are spearheading disruptive innovation in the industry globally.

Stimulating intellectual, open and meaningful dialogue, the Oil & Gas 4.0 Strategic Roundtables will generate actionable outcomes and recommendations in support of transformative strategies that will help businesses to successfully navigate the evolving energy landscape.

The global oil and gas industry will benefit from the post-roundtables’ published White Papers, which will detail the actionable outcomes and insights from each of the six conversations.

**DAY 2**

**Tuesday 12 November 2019**

### 09:30 - 10:15

**Big Data: A Pillar of Tomorrow’s Petroleum Industry**

With the emergence of the 4th industrial age, big data is revolutionising industries around the globe and the petroleum industry is no exception. This OPEC hosted roundtable will highlight the progressive influence of big data from innovation to adoption on the petroleum industry.

**Attendee Insights**

- For those interested in understanding OPEC’s views on the industry’s ongoing engagement and adoption of big data technology in its operations. From upsteam efficiency gains to financial and productivity advantages across the entire value chain.

### 11:00 - 12:30

**Re-energising transition: building a pathway towards the transformation of the world’s energy mix**

Oil and gas remains essential to the broader energy mix and a key enabler of tomorrow’s global economy. However the world is changing, populations are increasing, people are becoming more prosperous and consumer demand continues to rise. Meanwhile, government policy and regulation continue to demand the transformation of the global energy landscape.

**Attendee Insights**

- As we enter the 4th Industrial Age, the world’s demand for energy and energy-based products is increasing. How can the oil and gas industry commit to a sustainable hydrocarbons future that delivers solutions for low emissions across the value chain?
- Energy transition offers many pathways to follow. Which ones will turn out to be cut-de-sacs? Attendees will be able to explore options available and test their thinking on the right pathway to follow for their organisation.
- How are investor funds being allocated, accelerated and deployed to fast track environmentally disruptive and innovative technologies that have the ability to move at pace to deliver increased value across the oil and gas industry?

### 13:00 - 14:30

**Digitalisation in Energy Roundtable: exploring how corporates need to adopt new cultures and mind sets to embrace digitalisation and prepare themselves for continued technological disruption into the future**

A deep dive on how C-suite leaders must lead from the front as new technologies disrupt the industry landscape and create a need for a pipeline of digitally native talent required to seize the opportunities for future growth.

**Attendee Insights**

- A must attend session for those seeking a better understanding of how digitalisation impacts the nature of work within the oil and gas industry. Digital transformation is a much-touted phrase, but when it comes to creating new ways of working, little is known on how the nature of work will be transformed.
- Attendees responsible for thinking through the future dimensions of an organisations workforce, its future skill sets and developing a robust employee value proposition in times of digital disruption will take away insights helpful in the formulation of their plans.

### 15:30 - 17:00

**Energy trends, policy formation and geopolitical factors affecting the global oil and gas industry**

As global mega-trends continue to impact the oil and gas industry, c-suite insights help businesses embrace and navigate new industry trends and dynamics to successfully deliver future strategies for growth and diversification across industries and value chains.

**Attendee Insights**

- An invaluable session for all those seeking a better understanding of how energy transition, the evolution of energy policy and 21st century geopolitics will impact the shape and form of the industry in the years ahead.
- Attendees responsible for leading and managing the strategic direction of their organisation as well as those responsible for shaping future energy policy in their market are likely to find the session of great interest.
DAY 3  Wednesday 13 November 2019

10:30 - 12:00
Driving smart energy investments for the oil and gas business model of the future

Financial, investor insights and trends on smart oil and gas investments and intelligence on the new investment parameters emerging in the industry.

Attendee Insights
- A must attend session for those in the industry seeking insight as to where investments will be made in an era of energy transition.
- The industry will always witness large scale ($10 billion) investments but increasingly the industry now offers investment opportunities that are smaller in value and offering faster returns.

12:30 - 14:00
The circular plastics economy contribution to the growth of the oil and gas industry

As oil and gas corporations commit to a more sustainable and environmentally conscious industry, how the industry can make plastics a more sustainable and reused, or recycled resource.

Attendee Insights
- A vital session for all those seeking to understand how organisations in the industry are planning to manage the paradox of growing global demand for petrochemicals and the need to be a driving force in the circular economy.
- Attendees responsible for planning, developing, advising and regulating the next wave of downstream investments will be able to get first hand insight from leading industry experts.

14:30 - 16:00
Human and machine collaboration and the impact this has on current business transformation

As the pace of digitalisation and technological development continues, employees and employers alike will need to understand the next wave of technological advancements. From developments in AI, IoT, augmented reality and machine learning through to the changes in sensory technology and big data, these changes will have extensive economic and societal impact.

Attendee Insights
- Attendees will gain insights into how these areas of technology will affect the workplace of the future across 3 core areas of business efficiency, social and economic sustainability and ethical adoption and governance.

Roundtables location:

The Middle East Petroleum Club leadership suite

LIMITED SEATS AVAILABLE REGISTER YOUR INTEREST ONLINE
www.adipec.com/roundtables
Technical Conference at ADIPEC

ADIPEC is home to the world’s largest Technical Conference for oil & gas professionals

Topping all previous records, industry experts submitted 3,672 technical abstracts – marking a 30% increase on 2018 submissions.

Hosted by the Abu Dhabi National Oil Company (ADNOC), the ADIPEC Technical Conference continues to grow in scope and prestige, with 2019 hosting 123 technical sessions covering 14 technical disciplines and 6 Technical Panel Sessions, attracting more than 10,400 delegates from over 135 countries worldwide.

123 Technical Sessions

Technical Categories for 2019
Location: Capital Suites (Mezzanine Level)

- E&P Geoscience
- Unconventional Resources
- Field Development
- Drilling and Completion Technology
- Project Engineering & Management
- Operational Excellence
- HSE
- Gas Technology
- People and Talent
- IOR/EOR
- Production Facilities Technologies
- Petroleum Advanced Analytics
- Artificial Intelligence in Oil and Gas

Location: Offshore & Marine Theatre, Hall 15
- Offshore and Marine

6 Technical Panel Sessions

Technical Panel Topics for 2019
Location: Conference Hall A

- Digital Transformation and Innovation – Implementing 4.0 Across the Whole Value Chain
- Unconventionals – The Next Step Change
- Addressing the Human Capital Challenge – Recruiting for Oil & Gas 4.0 and the Millennial Managed Organisation
- Creating Industry Partnerships to Maximise Operational and Commercial Value
- New Business Models for Oil & Gas – Integrating Operators and Service Providers

10 Downstream Technical Sessions

Downstream Technical Categories for 2019
Location: Capital Suite 15 (Mezzanine Level)

- Challenges and opportunities in the downstream industry
- Refining Technology, Operations and Marketing (RTOM)
- Circular Economy and the Future of the Downstream Industry (CEFDI)
- Disruptive Services for Petrochemical Plants (DSPP)
- Disruptive Technologies and Services in Refineries (DTSR)
- Gas Processing and Hydrogen Technology and Operations (GPHTO)
- Project Management, Engineering Technology and Implementation (PMETI)
- Operational Excellence, Maintenance and HSE (OEMH)
- Energy Efficiency and Energy Management (EEEM)
- Petrochemicals Technology, Operations (PTO)
Why Attend The ADIPEC Technical Conference?

- Unrivalled opportunity to learn from world-class expert technical speakers from across the globe.
- Invest in your knowledge development along with your peers by training at one of the largest technical conferences in the world.
- Meet fellow engineers from different oil and gas producing environments from around the world and learn about their unique challenges.
- Increase your ROI with exclusive online access provided post-conference to all technical abstracts presented.

As a registered delegate you will meet:

**ATTENDEES BY SENIORITY**

- **36%** Senior Management
- **29%** Middle Management
- **35%** Technical Engineers

**ATTENDEES BY SECTOR**

- **32.4%** NOC Upstream
- **11.6%** IOC Upstream
- **12.7%** NOC Downstream
- **3.6%** IOC Downstream
- **6.2%** EPC
- **12.3%** Service provider
- **6.9%** Manufacturer
- **1.4%** Finance
- **12.9%** Other

**ATTENDEES BY GEOGRAPHY**

- **41%** MENA
- **22%** ASIA
- **17%** AMERICAS
- **12%** EUROPE
- **8%** AFRICA
This brochure is accurate as of 6 October 2019. Sessions and topics will continue to evolve and are subject to change.

Digital transformation and innovation – implementing 4.0 Across the whole value chain

The full adaptation of digital technology has been challenging for companies, multiple reasons can be cited for that, but the main collet for failure has been the MOC processes and the willingness of employees to adapt to new ways.

Oil and gas has always been very technology driven industry. The use of sensors (IOT) and the Data generated by them has always been at the core of the industry for safe and reliable operations. Oil and Gas 4.0 is to position Oil companies in the heart of digital transformation and be a leader in the AI and Digital technology development.

Adapting new innovations into the oil and gas industry is challenging. Oil and gas has been a conservative industry, rightly so do to the safety risk associated with operations.

How can the mind set of agile and progressive be impeded into the oil and gas company of the future?

Unconventional – the next step change

For unconventional assets development of new technologies to drill, completed and fractured wells, as well as technologies and methods for the better understanding and identification of sweet spots proved to be essential. While today’s technology advancements have become gamechangers, there is still plenty of room for growth. We’ve got to make a step change in technology and operations to maximise the value of our current and future assets.

Over the past 5 years, we have delivered minimal major breakthrough technologies. We’ve continued making small tweaks to well landing zone, perforation cluster spacing, proppant development, fluid volumes, placement design etc. Recently, the industry realised that data is an asset, and our challenge is how to use it, which also provides us with countless opportunities to utilise data analytics and machine learning.

Collectively, we are incumbent to develop the next generation of game changing technologies, and enhance industry collaboration, and best practices amongst world oil and gas producers. The Next Step Change is here now!

Addressing the human capital challenge – recruiting for oil & gas 4.0 And the millennial managed organisation

The world is changing. Oil & Gas industry is changing. So, we also need to change to stay competitive and deliver our strategies. We’re in the midst of a significant transformation regarding the way we produce products thanks to the digitisation of manufacturing. This transition is so compelling that it is being called Industry 4.0 to represent the fourth revolution that has occurred in manufacturing.

While many organisations might still be in denial about how Industry 4.0 could impact their business or struggling to find the talent or knowledge to know how to best adopt it for their unique use cases, several others are implementing changes today and preparing for a future where smart machines improve their business.

Thank you for your interest in participating at ADIPEC Technical Conference 2019. Over 3000 high-level delegates from all over the world have registered for this event.
DAY 3  Wednesday 13 November 2019

09:30 - 11:00  Location: Conference Hall A

Creating industry partnerships to maximise operational and commercial value

According to the IEA 2018 energy outlook the global energy demand is set to grow by a 25% between today and 2040 with oil and gas constituting a minimum of 50% of this energy demand. However the backdrop of a price volatility in the second half of 2018, other technological (and digital) market disruptions and the demands by society for a reduction in GHG emissions leaves energy companies confronting a turning point that requires setting different strategies to thrive in uncertain times.

A relentless focus to extract more value from projects and assets through innovation, increased operational efficiencies and reduced capital and operating expenditures is therefore a must.

Going it alone is not an option, this will require value based collaborations across the industry.

Panel Chair Speakers

09:30 - 11:00

Ali Al Jarabi
Country Chair
Abu Dhabi Shell

Ranaa Ryana
Director Major Projects Occidental

Kyle Chapman
President Production Weatherford

Houda Dabbousi
Vice President Commercial & NBD for MEWA Shell

Uwem Ukpong
Chief Global Operations Officer Baker Hughes

11:30 - 13:00  Location: Conference Hall A

New business models for oil and gas – integrating operators and service providers

The devastating drop in oil prices in 2014 and subsequent long recovery has had a lasting impact on our industry. One of the consequences has been a rethink of the traditional business models.

Since the inception of the oil and gas industry there have been clear lines between operators, drilling contractors and service companies. Now, in an effort to optimise costs, those lines are becoming blurred.

This overlap of responsibilities and roles raises a whole new set of questions. Operators traditionally try to maximise hydrocarbon recovery whereas drilling contractors and service companies strive to maximise returns on their investments. If a drilling contractor or service company becomes the operator, which priority takes precedence? Can an operator drill or service wells as effectively as a drilling contractor or service company?

On this panel, leaders from operators, drilling contractors and service companies will share their perspectives on these evolving new business models and the drivers behind them.

Panel Chair Speakers

11:30 - 13:00

Ibrahim Al Alawi
Deputy CEO AlMansoori

Ayman Khattab
President Gulf and North Africa Baker Hughes

Thomas Burke
President and CEO EnscoRowan

Etienne Roux
President Drilling and Evaluation Weatherford

David Reid
Chief Marketing Officer NOV

14:00 - 15:30  Location: Conference Hall A

Global gas innovators – the new generation of gas projects

Even though the oil and gas business operates within a very complex global and national frameworks, it has never failed society in respect of delivering affordable and reliable supplies of oil and natural gas. The industry is overshadowed by the significant structural shift in the energy market, complex global supply chains, greenhouse emission, and shift in supply/demand pattern, which are increasing the complexity and risk of developing large-scale gas projects. However, these factors, coupled with an increasingly competitive market and delivering competitive prices, are driving a renewed focus on unconventional solutions to improve efficiency, operational excellence, and environmental footprint within oil and gas operators.

This executive panel will examine lessons learned from the past in developing large-scale gas projects, best practices, and recent innovation in developing such projects. Also, it will examine how gas projects are impacted by many factors such as trends in the global supply/demand, structural change of the energy market, the new digital era, the shift in the innovation landscape, greenhouse emission, and global shortage and competition for talent.

Panel Chair

Gamal Hassan
President ADH International

Speaker

Mohamed Al Manooqi
SVP Development ADNOC
# ADIPEC Technical Conference Sessions

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>HALL A</th>
<th>CAPITAL SUITE 1</th>
<th>CAPITAL SUITE 2</th>
<th>CAPITAL SUITE 3</th>
<th>CAPITAL SUITE 4</th>
<th>CAPITAL SUITE 5</th>
<th>CAPITAL SUITE 7</th>
</tr>
</thead>
<tbody>
<tr>
<td>MONDAY</td>
<td>11:00 - 11:30</td>
<td>Knowledge Sharing ePoster Sessions/Coffee Break (Mezzanine Level)</td>
<td>11:30 - 13:00</td>
<td>Field Development: Advanced Solutions for Successful Field Development</td>
<td>Field Development: Novel Workflows and Technologies for Mature Fields Development</td>
<td>Production Facilities Technologies: Field Management Technology</td>
<td>Artificial Intelligence in Oil and Gas: Intelligent Subsurface Modelling and Field Development</td>
</tr>
<tr>
<td></td>
<td>13:00 - 14:00</td>
<td>Luncheon</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>14:00 - 15:30</td>
<td>Panel Session 1: Digital Transformation and Innovation – Implementing 4.0 Across the Value Chain</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>15:30 - 16:00</td>
<td>Knowledge Sharing ePoster Sessions/Coffee Break (Mezzanine Level)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TUESDAY</td>
<td>09:00 - 09:30</td>
<td>Knowledge Sharing ePoster Sessions/Coffee Break (Mezzanine Level)</td>
<td>09:30 - 11:00</td>
<td>Field Development: Advances in Well Surveillance Technologies</td>
<td>Field Development: Case Studies for Maximising Reservoir Performance</td>
<td>Field Development: Safety, Culture and Learning from Events</td>
<td>Field Development: Facility Protection Technology</td>
</tr>
<tr>
<td></td>
<td>11:00 - 11:30</td>
<td>Knowledge Sharing ePoster Sessions/Coffee Break (Mezzanine Level)</td>
<td>11:30 - 13:00</td>
<td>Unconventionals – The Next Step Change</td>
<td>Knowledge Sharing ePoster Sessions/Coffee Break (Mezzanine Level)</td>
<td>Knowledge Sharing ePoster Sessions/Coffee Break (Mezzanine Level)</td>
<td>Knowledge Sharing ePoster Sessions/Coffee Break (Mezzanine Level)</td>
</tr>
<tr>
<td></td>
<td>13:00 - 14:00</td>
<td>Luncheon</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>14:00 - 15:30</td>
<td>Panel Session 2: Knowledge Sharing ePoster Sessions/Coffee Break (Mezzanine Level)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>15:30 - 16:00</td>
<td>Knowledge Sharing ePoster Sessions/Coffee Break (Mezzanine Level)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WEDNESDAY</td>
<td>09:00 - 09:30</td>
<td>Knowledge Sharing ePoster Sessions/Coffee Break (Mezzanine Level)</td>
<td>09:30 - 11:00</td>
<td>Panel Session 4: Creating Industry Partnerships to Maximise Operational and Commercial Value</td>
<td>Field Development: Integrated Reservoir Modeling &amp; Simulation</td>
<td>HSE: Health and Human Factors</td>
<td>Field Development: Gas Plant Design Innovation</td>
</tr>
<tr>
<td></td>
<td>11:00 - 11:30</td>
<td>Knowledge Sharing ePoster Sessions/Coffee Break (Mezzanine Level)</td>
<td>11:30 - 13:00</td>
<td>Panel Session 5: New Business Models for Oil &amp; Gas – Integrating Operators and Service Providers</td>
<td>Maximising Gas Condensate Recovery</td>
<td>Developing Capability for a Continuous Improvement Culture</td>
<td>Field Development: Efficiency in Gas Processing</td>
</tr>
<tr>
<td></td>
<td>13:00 - 14:00</td>
<td>Luncheon</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>15:30 - 16:00</td>
<td>Knowledge Sharing ePoster Sessions/Coffee Break (Mezzanine Level)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>THURSDAY</td>
<td>09:00 - 09:30</td>
<td>Knowledge Sharing ePoster Sessions/Coffee Break (Mezzanine Level)</td>
<td>09:30 - 11:00</td>
<td>Session 10: Offshore and Marine: Advanced Marine Technology Unlocks Offshore Development</td>
<td>Challenging Field Development</td>
<td>Artificial Intelligence in Oil and Gas: Intelligent Drilling</td>
<td>Artificial Intelligence in Oil and Gas: Intelligent Drilling</td>
</tr>
<tr>
<td></td>
<td>11:00 - 11:30</td>
<td>Knowledge Sharing ePoster Sessions/Coffee Break (Mezzanine Level)</td>
<td>11:30 - 13:00</td>
<td>Session 11: Offshore and Marine: Management of Flow Assurance from Design to Operations</td>
<td>Challenging Field Development</td>
<td>Artificial Intelligence in Oil and Gas: Intelligent Drilling</td>
<td>Artificial Intelligence in Oil and Gas: Intelligent Drilling</td>
</tr>
<tr>
<td></td>
<td>13:00 - 14:00</td>
<td>Luncheon</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**EASY WAYS TO REGISTER**

1. **Web:** www.adipec.com/confreg
2. **Email:** adipec.delegate@dmgevents.com

---

This brochure is accurate as of 6 October 2019. Sessions and topics will continue to evolve and are subject to change.
ADIPEC Technical Conference Sessions

LOCATION
CAPITAL SUITE 8
CAPITAL SUITE 10
CAPITAL SUITE 13
CAPITAL SUITE 14
CAPITAL SUITE 16
CAPITAL SUITE 19

MONDAY
11:00 - 11:30
Knowledge Sharing ePoster Sessions/Coffee Break (Mezzanine Level)

11:30 - 12:00
SESSION 7
UNCONVENTIONAL RESOURCES: Alternative Fluids for Hydraulic Fracturing

12:00 - 12:30
UNCONVENTIONAL RESOURCES: Fracturing Techniques

13:00 - 14:00
Lunch

14:00 - 15:30
SESSION 21
UNCONVENTIONAL RESOURCES: Advances in Petrophysics - Case Studies

SESSION 22
UNCONVENTIONAL RESOURCES: Advances in Seismic Data Processing

SESSION 23
OPERATIONAL EXCELLENCE: Advancements in Production and Maintenance

SESSION 24
OPERATIONAL EXCELLENCE: Managing Assets Efficiently

15:30 - 16:00
Knowledge Sharing ePoster Sessions/Coffee Break (Mezzanine Level)

TUESDAY
11:00 - 11:30
Knowledge Sharing ePoster Sessions/Coffee Break (Mezzanine Level)

11:30 - 12:00
SESSION 46
UNCONVENTIONAL RESOURCES: Gas Exploration and Appraisal

SESSION 47
UNCONVENTIONAL RESOURCES: Rock Physics and Geomechanics for Conventional Reservoirs

SESSION 48
OPERATIONAL EXCELLENCE: Intelligent diagnostics to Predict Events and take Action Before They Occur - 1

SESSION 49
OPERATIONAL EXCELLENCE: Intelligent diagnostics to Predict Events and take Action Before They Occur - 2

SESSION 50
PROJECT ENGINEERING AND MANAGEMENT: EPC: Strategies for Successful Project Execution

13:00 - 14:00
Lunch

14:00 - 15:30
SESSION 60
UNCONVENTIONAL RESOURCES: Applications of Data Driven Analytics in Geoscience

SESSION 61
OPERATIONAL EXCELLENCE: Operation Strategy and Reliability Analytics - 1

SESSION 62
PROJECT ENGINEERING AND MANAGEMENT: Best Practices to Optimize Project Energy Utilization

SESSION 63
PETROLEUM ANALYTICS: Big Data Technology Applications

SESSION 64
PETROLEUM ANALYTICS: Data-Driven Identification of Reservoir Parameters

15:30 - 16:00
Knowledge Sharing ePoster Sessions/Coffee Break (Mezzanine Level)

WEDNESDAY
11:00 - 11:30
Knowledge Sharing ePoster Sessions/Coffee Break (Mezzanine Level)

11:30 - 12:00
SESSION 72
UNCONVENTIONAL RESOURCES: Oil Exploration and Appraisal

SESSION 73
E&P GEOSCIENCE: New Approaches in Characterisation and Modelling of Complex Reservoirs - 1

SESSION 74
E&P GEOSCIENCE: Advances in Reservoir Characterisation - 1

SESSION 75
OPERATIONAL EXCELLENCE: Operation Strategy and Reliability Analytics - 2

SESSION 76
PROJECT ENGINEERING AND MANAGEMENT: Best Practices to Optimize Project Energy Utilization

SESSION 77
PETROLEUM ANALYTICS: Big Data Acquisition for Digitalized Asset Surveillance

SESSION 78
PETROLEUM ANALYTICS: Advanced Predictive Analytics Applications

13:00 - 14:00
Lunch

14:00 - 15:30
SESSION 88
UNCONVENTIONAL RESOURCES: Geomechanics and Hydraulic Fracturing

SESSION 89
E&P GEOSCIENCE: New Approaches in Characterisation and Modelling of Complex Reservoirs - 2

SESSION 90
E&P GEOSCIENCE: Advances in Reservoir Characterisation - 2

SESSION 91
OPERATIONAL EXCELLENCE: Operation Strategy and Reliability Analytics - 3

SESSION 92
PROJECT ENGINEERING AND MANAGEMENT: Best Practices to Optimize Project Energy Utilization

SESSION 93
PETROLEUM ANALYTICS: Advanced Predictive Analytics Applications

SESSION 94
PETROLEUM ANALYTICS: Big Data Acquisition for Digitalized Asset Surveillance

15:30 - 16:00
Knowledge Sharing ePoster Sessions/Coffee Break (Mezzanine Level)

THURSDAY
11:00 - 11:30
Knowledge Sharing ePoster Sessions/Coffee Break (Mezzanine Level)

11:30 - 12:00
SESSION 107
UNCONVENTIONAL RESOURCES: Resource Modelling and Well Spacing

SESSION 108
E&P GEOSCIENCE: Advances in Formation Evaluation and Petrophysics

SESSION 109
E&P GEOSCIENCE: Advances in Reservoir Characterisation and Modeling

SESSION 110
OPERATIONAL EXCELLENCE: Flow Assurance and Managing Well Integrity

SESSION 111
E&P GEOSCIENCE: Advances in Reservoir Characterisation and Modeling

SESSION 112
E&P GEOSCIENCE: Advances in Regional Geology, Sequence Stratigraphy and Basin Modelling

SESSION 113
OPERATIONAL EXCELLENCE: Challenges and Solutions in Exploration and Reservoir Characterisation

SESSION 114
OPERATIONAL EXCELLENCE: Best Practices in Facility Operations

SESSION 115
PROJECT ENGINEERING AND MANAGEMENT: Advances in Smart Field Production Optimization Technologies

SESSION 116
PROJECT ENGINEERING AND MANAGEMENT: Improving OPEX through Comprehensive Optimization Strategies

SESSION 117
PROJECT ENGINEERING AND MANAGEMENT: Innovations and Technology Enablers for Improved Production Management

SESSION 118
PROJECT ENGINEERING AND MANAGEMENT: Drilling and Completion Challenges

SESSION 119
PROJECT ENGINEERING AND MANAGEMENT: Applying Technology to Maintain Flow Assurance

SESSION 120
OPERATIONAL EXCELLENCE: Drilling and Completion Challenges

SESSION 121
UNCONVENTIONAL RESOURCES: Technical and Operational Challenges

SESSION 122
UNCONVENTIONAL RESOURCES: Advances in Production Technology and Testing

13:00 - 14:00
Lunch

This brochure is accurate as of 6 October 2019. Sessions and topics will continue to evolve and are subject to change.
As the downstream sector becomes more competitive, positive and financially sound, strategic partnerships and disruptive technologies are reshaping downstream businesses. It’s not just about short-term profits, but long-term investments that can create future proofing refineries and petrochemical plants, where smart innovation and digitalisation come together to embrace diversification and expansion into higher value and niche markets.

It is against this backdrop that ADIPEC 2019 further enhances its downstream technical content and delivers 4 NEW categories dedicated to support the growth of today’s global downstream industry, from management decisions to day-to-day on the ground operations.

ADIPEC Downstream Conference Fast Facts
As a conference delegate you will meet:

**ATTENDEES BY SENIORITY**

- 36% Senior Management
- 29% Middle Management
- 35% Technical Engineers

**ATTENDEES JOB TITLES**

- VICE PRESIDENT - DOWNSTREAM
- DIRECTOR – REFINING
- DIRECTOR – PETROCHEMICALS
- VICE PRESIDENT – BUSINESS DEVELOPMENT DOWNSTREAM
- HEAD OF REFINING
- CHEMICAL DIRECTOR
- MANAGING DIRECTOR
- EXECUTIVE DIRECTOR
- GENERAL MANAGER
- PROCESS ENGINEER
- LICENSING ENGINEER
- PLANNING & PROJECTS ENGINEER

**ATTENDEES BY REGION**

- 17% America
- 12% Europe
- 41% Asia
- 8% Africa
- 22% MENA
Confirmed Speakers
ADIPEC 2019 Downstream Technical Conference

Dr. Gnana Singaravel
Specialist - Research & Development - Research Centre Division
ADNOC Refining

Dr Alois Virag
Senior Vice President - Downstream
Middle East and Asia
OMV

Matthew Akhurst
Manager - Residue Gasification
Air Products

Jeff Knight
Project Development Manager
Honeywell UOP

Eng. Otmar Schneider
Vice President - Asset Development
CMV Refining & Marketing GmbH

Richard Horne
Vice President - Packaging
Borouge Pte Ltd

Jiří Hájek
Director of Development and Innovation
Vice Chairman of the Board
Uniper Centre for Research and Education

Giancarlo Lauro
Manager CERM & R&M Circular Economy
Refining & Marketing
Eni

Massimo Trani
Vice President - Downstream Proprietary Technologies Licensing
Eni S.p.A., Refining & Marketing

Nicholas Kinnis
Business Development Lummus Technology McDermott

Rafael Larraz
Engineering Manager
CEPSA

Camino Fidalgo
Head of Digital Manufacturing - Chemicals
Cepsa Quimica

Mark Litke
President
Cumulus Digital Systems, Inc.

Ashraf Zin
Process Engineer
PETRONAS

Johan Ferket
Consultancy Manager
Stork, a Fluor Company

Vahid Rezagholizadeh
Product Portfolio Manager
Siemens

Dr. Prachi Singh
Senior Engineer Research
ADNOC R&D Programme
Manager, Energy Efficiency
Environment & Process
Control and Optimisation
ADNOC Gas Processing

Phil Morris
Global Marketing Manager - Refining
Air Products

Tobias Roelofs
Technology Specialist - R&D Manager
Compro part of the Worley Group

Mohamed Mahmoud
Lab Scientist
(NATSID Technical Leader)
Saudi Aramco

Mandar Apte
Project Manager
TechnipFMC

Gopi Sivasubramanian
Global Director of Process Technologies - Downstream
SNC-Lavallin

Abdullah Dirani
Director of Business Development
Fluor

Pravin Kumar
Senior Engineer
The Bahrain Petroleum Company

Jochen Koehler
Head of BIM Competence Centre
PERI Group

Balachandar Panneerselvam
Study Manager - Advisian

Santhosh Sasidharan
Senior Process Engineer
Saudi Aramco

Goran Surina
Group Reliability Leader
MOL Group

Salama Al Marzooqj (RCD)
Scientist
Catalysis Research
Research Centre Division
ADNOC Refining

Erik Verdeyen
Chief Evangelist
Qpinch

Vineet Bakshi
Sr. Process Manager - Strategy & BD
Engineers India Ltd

Manal Al Badawi
Specialist - Environment
Borouge

Ahmed Shoman
Head of Technical Support & Market Development – Marketing Department
ETHYDCO

Simone Corbó
Technical Sales
Baker Hughes

Dr Ritesh Mittal
Senior Manager (R&D)
Engineers India Limited

Joan Sanroma
Director of Sales
KBC (A Yokogawa Company)

Dirk J. Langhammer
PhD, Head of Business Development
Downstream MEA
CMV

Michel Molinier
Licensing Technical Sales Manager
ExxonMobil Catalysts & Licensing

Jesus Javier Lazaro
Petrochemistry and New Materials Coordinator
Cepsa Research Centre

Mandar Apte
Project Manager
TechnipFMC

Jochen Koehler
Head of BIM Competence Centre
PERI Group

Joan Sanroma
Director of Sales
KBC (A Yokogawa Company)

Dirk J. Langhammer
PhD, Head of Business Development
Downstream MEA
CMV

Michel Molinier
Licensing Technical Sales Manager
ExxonMobil Catalysts & Licensing

Jesus Javier Lazaro
Petrochemistry and New Materials Coordinator
Cepsa Research Centre

REGISTER FOR ADIPEC 2019 DOWNSTREAM TECHNICAL CONFERENCE
www.adipec.com/confreg
Programme Overview
ADIPEC 2019 Downstream Technical Conference

**DAY 1** Monday 11 November 2019

**Session 1**

- **New** Challenges and opportunities in the downstream industry
  14:00 - 14:30 Market outlook insights: The evolving world of the downstream industry
  14:30 - 15:00 The role of the operators and the IMO Legislation
  15:00 - 15:30 A new era for the oil and gas industry: How will climate change affect the oil and gas industry?

**DAY 2** Tuesday 12 November 2019

**Session 2**

- **New** Refining Technology, Operations and Marketing (RTOM)
  09:30 - 10:40 Refining and petrochemical integration, technology and marketing

**Session 3**

- **New** Circular Economy and the Future of the Downstream Industry (CEFDI)
  11:30 - 13:20 The role of the circular economy in advancing today’s downstream industry

**Session 4**

- **New** Disruptive Services for Petrochemical Plants (DSPP)
  14:00 - 15:10 Disruptive Approach – Crude to Chemicals

**DAY 3** Wednesday 13 November 2019

**Session 5**

- **New** Disruptive Technologies and Services in Refineries (DTSR)
  09:30 - 11:20 Digitalisation and artificial intelligence disrupting new methodologies in downstream operations

**Session 6**

- Gas Processing and Hydrogen Technology and Operations (GPHTO)
  11:30 - 13:20 Gas and hydrogen processing technologies to optimise downstream operations and profitability

**Session 7**

- Project Management, Engineering Technology and Implementation (PMEI)
  14:00 - 15:50 Connecting downstream project management tools with engineering technology successfully implementing new processes to achieve better results

**DAY 4** Thursday 14 November 2019

**Session 8**

- **NEW** Operational Excellence, Maintenance and HSE (OEMH)
  09:30 - 11:00 Deploying innovative techniques in operational excellence, maintenance and HSE

**Session 9**

- Energy Efficiency and Energy Management (EEEM)
  11:30 - 15:40 Increasing effectiveness through energy efficiency management

**Session 10**

- Petrochemicals Technology, Operations (PTO)
  14:00 - 15:50 Achieving progress through petrochemical innovation, technology and operations

---

**EASY WAYS TO REGISTER**

1. **Web:** [www.adipec.com/confreg](http://www.adipec.com/confreg)
2. **Email:** adipec.delegate@dmgevents.com
3. **Fax:** +971 2 444 4383
4. **Telephone:** +971 2 697 0517

---

This brochure is accurate as of 6 October 2019. Sessions and topics will continue to evolve and are subject to change.
Downstream Technical Conference Committee

The Downstream Technical Committee consist of industry experts who review submitted abstracts to select and create the downstream technical sessions. The sessions will provide a holistic view of refinery and petrochemical integration, project developments and latest technologies that can help drive your business forward and improve your day-to-day operations.

Ahmed Omar Abdullah
Chief Executive Officer
Borouge

“Upstream is becoming mainstream. ADIPEC is getting the momentum – this is going to add value and at the right time.”

Ramón Areitio Toledo
General Manager
CEPSA Petroleum Operations Middle East LLC

“The downstream industry is playing a prominent role in our industry, with many new developments and new investments on the horizon.

The expansion of ADIPEC’s Downstream Technical Conference is a testament of this growth and we look forward to this year’s programme with new sessions, new features and exciting new topics.”

Francesco De Francesco
International Refineries Development Vice President
ENI

“I look forward to ADIPEC’s downstream sessions and shaping the discussions on integration, diversification and technological developments that can help drive the global downstream industry forward, facilitate day-to-day operations and help deliver market solutions.”

REGISTER FOR ADIPEC 2019 DOWNSTREAM TECHNICAL CONFERENCE
www.adipec.com/confreg

This brochure is accurate as of 6 October 2019. Sessions and topics will continue to evolve and are subject to change.
Inclusion & Diversity

Fostering diverse and inclusive oil and gas workplaces - as oil and gas businesses focus on diversification, collaboration, integration and rapid adaptation to changing technology, a new era beckons in managing human capital that the industry must adapt to.

**DAY 4**
Thursday 14 November 2019

**08:00 – 09:30**
Registration, Coffee & Coaching

**09:30 – 10:00**
Keynote Address: Changing the Game for Inclusion

**11:00 – 11:30**
‘Ask Me Anything’: Inclusion and Diversity thought leaders respond to questions from the audience

**11:10 – 11:30**
Coffee Break and Networking

**11:30 – 12:30**
Power Presentations and Rapid Fire Learning

**13:45 – 14:45**
Diversity Dialogues: Balance for Better: How can you be an ally?

**15:00 – 16:00**
ADIPEC’s Oil and Gas Inclusion and Diversity Company of the Year Award Presentation

**16:00**
Close of ADIPEC Inclusion and Diversity in Energy conference
## ADIPEC 2019 Conference Pass Packages

**ALL ACCESS CONFERENCE PASS**
Unlimited access to ADIPEC 2019 Conferences

Organised by dmg::events

**CONTENT**
- Keynote Addresses
- Ministerial & Policy Sessions
- Global Business Leaders Sessions
- Finance Global Business Leader Sessions
- Technical Panels & Conference Sessions
- Downstream Technical Conference Sessions
- Inclusion & Diversity in Energy Conference Sessions
- Live Sessions

**EXPERIENCE & NETWORKING**
- Access to the Middle East Petroleum Club
- Access to the Global Meetings Programme
- Access to Delegate Lunches on all four days
- Access to the ADIPEC 2019 Mobile App
- Access to the Exhibition Floor
- Complimentary Delegate Bag
- Digital Copy of the Downstream Technical Presentations - available post show
- Digital Copy of the Technical Conference Proceedings – available during the show
- Group Booking Support
- Pre-Registration & Fast-Track Entry

### 4-DAY PASS

**CONTENT**
- Access to all the technical panels and conference sessions held across the 4 days, covering 14 technical categories:
  - E&P Geoscience
  - Unconventional Resources
  - Field Development
  - Drilling and Completion Technology
  - Project Engineering and Management
  - Operational Excellence
  - HSE

**TECHNICAL CONFERENCE PASSES**
Over 100 sessions of technical expertise covering the upstream sector

<table>
<thead>
<tr>
<th>4-DAY PASS</th>
<th>2-DAY PASS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CONTENT</strong></td>
<td><strong>CONTENT</strong></td>
</tr>
<tr>
<td>Access to all the technical panels and conference sessions held across the 4 days, covering 14 technical categories:</td>
<td>Access to all the technical panels and conference sessions held across the 2 days, covering 14 technical categories:</td>
</tr>
<tr>
<td>- E&amp;P Geoscience</td>
<td>- Gas Technology</td>
</tr>
<tr>
<td>- Unconventional Resources</td>
<td>- People and Talent</td>
</tr>
<tr>
<td>- Field Development</td>
<td>- Offshore and Marine</td>
</tr>
<tr>
<td>- Drilling and Completion Technology</td>
<td>- IOR/EDR</td>
</tr>
<tr>
<td>- Project Engineering and Management</td>
<td>- Production Facilities Technologies</td>
</tr>
<tr>
<td>- Operational Excellence</td>
<td>- Petroleum Advanced Analytics</td>
</tr>
<tr>
<td>- HSE</td>
<td>- Artificial Intelligence in Oil and Gas</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>EXPERIENCE &amp; NETWORKING</strong></th>
<th><strong>EXPERIENCE &amp; NETWORKING</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Access to the Global Meetings Programme</td>
<td>Access to the Global Meetings Programme</td>
</tr>
<tr>
<td>Access to Delegate Lunches on all four days</td>
<td>Access to Delegate Lunches on the two days registered for</td>
</tr>
<tr>
<td>Access to the ADIPEC 2019 Mobile App</td>
<td>Access to the ADIPEC 2019 Mobile App</td>
</tr>
<tr>
<td>Access to the Exhibition Floor</td>
<td>Access to the Exhibition Floor</td>
</tr>
<tr>
<td>Complimentary Delegate Bag</td>
<td>Complimentary Delegate Bag</td>
</tr>
<tr>
<td>Digital Copy of the Technical Conference Proceedings – available during the show</td>
<td>Digital Copy of the Technical Conference Proceedings – available during the show</td>
</tr>
<tr>
<td>Group Booking Support</td>
<td>Group Booking Support</td>
</tr>
<tr>
<td>Pre-Registration &amp; Fast-Track Entry</td>
<td>Pre-Registration &amp; Fast-Track Entry</td>
</tr>
</tbody>
</table>

### TECHNICAL CONFERENCE PASSES

<table>
<thead>
<tr>
<th>Standard Price:</th>
<th>Standard Price:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ALL ACCESS PASS</strong></td>
<td><strong>TECHNICAL CONFERENCE PASSES</strong></td>
</tr>
<tr>
<td>$4,599</td>
<td>Over 100 sessions of technical expertise covering the upstream sector</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Regular</th>
<th>SPE Members</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Price:</td>
<td>Standard Price:</td>
</tr>
<tr>
<td>$1,435</td>
<td>$1,270</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Excluding 5% UAE Value Added Tax (VAT)</th>
</tr>
</thead>
<tbody>
<tr>
<td>$999</td>
</tr>
</tbody>
</table>

**INCLUSION AND DIVERSITY CONFERENCE PASS**
Championing inclusion & diversity in the workplace

Organised by dmg::events

**CONTENT**
- Inclusion & Diversity Conference Sessions

**EXPERIENCE & NETWORKING**
- Access to the Global Meetings Programme
- Access to Delegate Lunch on the day of the Inclusion & Diversity Conference
- Access to the ADIPEC 2019 Mobile App
- Access to the Exhibition Floor
- Complimentary Delegate Bag
- Group Booking Support
- Pre-Registration & Fast-Track Entry

**DOWNSOME TECHNICAL CONFERENCE PASS**
Four days packed with downstream technical insights

Organised by dmg::events

**CONTENT**
- Downstream Technical Conference Sessions

**EXPERIENCE & NETWORKING**
- Access to the Global Meetings Programme
- Access to Delegate Lunches on four days of the Downstream Technical Conference
- Access to the ADIPEC 2019 Mobile App
- Access to the Exhibition Floor
- Complimentary Delegate Bag
- Group Booking Support
- Pre-Registration & Fast-Track Entry

### ADIPEC OFFSHORE & MARINE CONFERENCE

A full day of commercial content focused on exploring how shipping, transportation & logistics companies can best add value throughout the oil, gas & petrochemicals supply chain

**CONTENT**
- Offshore & Marine Conference

**EXPERIENCE & NETWORKING**
- Delegate access to the ADIPEC Offshore & Marine Petroleum Club
- Access to delegate lunch on Wednesday 13 November in the Offshore and Marine Conference area
- Complimentary delegate bag ADNOC Logistics & Services
- Access to the ADIPEC 2019 Mobile App
- Group booking support
- Access to the exhibition floor
- Pre-registration & fast track entry

### 4 EASY WAYS TO REGISTER

1. [Web](https://www.adipec.com/confreg)
2. [Email](mailto:adipec.delegate@dmgevents.com)
3. [Fax]: +971 2 444 4383
4. [Telephone]: +971 2 444 4909

*Please note – this conference is not included in the All Access Conference Pass.

This brochure is accurate as of 6 October 2019. Sessions and topics will continue to evolve and are subject to change.

This brochure is accurate as of 6 October 2019. Sessions and topics will continue to evolve and are subject to change.
JOIN THE CONVERSATION

EASY WAYS TO REGISTER FOR ADIPEC 2019

CONFERENCE PASS PACKAGES

1. Web: www.adipec.com/confreg
   
2. Email: adipec.delegate@dmgevents.com
   
3. Fax: +971 2 444 4383
   
4. Telephone: +971 2 444 4909
   
Contact us:

6th floor, Office #612
Twofour54 Park Rotana Offices, Salam St.
PO Box 769256, Abu Dhabi - UAE
T: +971 2 4444 909
F: +971 2 4444 383
E: adipec@dmgevents.com

FOR CONFERENCE ENQUIRIES
E: adipec.delegate@dmgevents.com
adipec.speaker@dmgevents.com

FOR EXHIBITION ENQUIRIES
E: adipec.sales@dmgevents.com

FOR SPONSORSHIP ENQUIRIES
E: adipec.sponsorship@dmgevents.com

JUSTIFY YOUR ATTENDANCE

We know and understand it can be difficult to get approval to attend industry events and that travel and training budgets can be limited. To assist with your preparations to attend ADIPEC, we are pleased to provide you with a template letter to aid the justification of your business trip, along with suggestions to enhance your time and save money.

DOWNLOAD YOUR LETTER at www.adipec.com/justification