



تحت رعاية فخامة الرئيس عبد الفتاح السيسي رئيس جمهورية مصر العربية  
HELD UNDER THE PATRONAGE OF HIS EXCELLENCY ABDEL FATTAH EL SISI, PRESIDENT OF THE ARAB REPUBLIC OF EGYPT



**13 - 15 FEBRUARY 2023**  
EGYPT INTERNATIONAL EXHIBITION CENTER

SUPPORTED BY



# EGYPS 2023 CONFERENCES BROCHURE

**13 - 15 FEBRUARY 2023**  
[EGYPS.COM/CONFERENCES](http://EGYPS.COM/CONFERENCES)

SUPPORTED BY



STRATEGIC PARTNER



DIAMOND SPONSORS



PLATINUM SPONSORS



GOLD SPONSORS



SILVER SPONSORS



BRONZE SPONSORS



ORGANISED BY





# CONTENTS

WELCOME MESSAGE FROM THE MINISTRY OF PETROLEUM & MINERAL RESOURCES	4
WELCOME MESSAGE FROM THE ORGANISER	5
EXECUTIVE COMMITTEE	7
TECHNICAL COMMITTEE	8
SCHEDULE OF CONFERENCES	10
STRATEGIC CONFERENCE	14
SUSTAINABILITY IN ENERGY CONFERENCE & AWARDS CEREMONY	23
FINANCE AND INVESTMENT IN ENERGY CONFERENCE	29
EQUALITY IN ENERGY CONFERENCE & AWARDS CEREMONY	35
TECHNICAL CONFERENCE	41
EVACUATION PLAN	65

## SHOW INFO

### DATES

13 - 15 February 2023

### TIMINGS

10:00AM - 19:00PM

### LOCATION

Egypt International Exhibition Center

### CONTACT

delegates@egyptshow.com

STAY UP TO DATE AND GET  
CONNECTED TO THE OIL, GAS  
AND ENERGY INDUSTRY.

# Welcome from the Ministry of Petroleum & Mineral Resources



**Tarek El Molla**  
Minister of Petroleum and  
Mineral Resources  
**Arab Republic of Egypt**  
**Chairman, EGYPS 2023**



Welcome once again to Egypt. Egypt has always held a prominent position along the history, being the center of culture and trade with its unique location connecting North Africa with Europe and the Middle East. It enjoys an exquisite feeling, blending ancient civilization with a modern twist, thus producing exceptional cultural vibes.

2022 was an exceptional year that witnessed many changes worldwide, some of which caused turbulences, while others advanced us further towards a sustainable cleaner future. The global scene was overwhelmed with discussions revolving around achieving the energy trilemma of security, sustainability and affordability.

As the world convenes again this February, after COP27 that took place in Sharm El Sheikh last year, we are pleased to welcome you to the 6th edition of the Egypt Petroleum Show, "EGYPS" hosted under the patronage and presence of His Excellency, Abdel Fattah El Sisi, President of the Arab Republic of Egypt, and with the full support of the Ministry of Petroleum and Mineral Resources.

Over these past 6 years, EGYPS has quickly grown to become the most anticipated Show for oil, gas and energy attracting decision makers, government representatives and executives from all around the world.

We look forward to conducting fruitful meetings and expanding business partnerships throughout the three days of EGYPS with all of the industry's stakeholders joining us at the conference and exhibition.

EGYPS creates the optimum window to do business, share experiences and take further steps towards ensuring reliable cleaner energy sources available to guarantee a sustainable bright future both regionally and globally.

On behalf of the Egyptian Government, I welcome you once again to Cairo and to EGYPS 2023.

# Welcome from the Organiser of the Egypt Petroleum Show



**Salman Abou Hamzeh**

Vice President, Energy  
Middle East

**dmg::events**

I am delighted to welcome you to the sixth edition of the Egypt Petroleum Show (EGYPS) - North Africa and the Mediterranean region's most important oil, gas and energy exhibition and conference, held under the patronage of His Excellency Abdel Fattah El Sisi, President of the Arab Republic of Egypt.

Over the past five years, EGYPS has grown to become the region's premier unmissable Show for the oil, gas and energy industry, attracting over 32,000 attendees and hosting over 500 exhibitors. The exhibition includes 26 National and International Oil, Energy, and Service Companies, 12 international pavilions; while the conference welcomes over 2,000 delegates, and 260+ renowned speakers to address over 65 conference sessions.

This year, EGYPS brings together leading companies and experts from around the world to share their knowledge and showcase the latest technologies and sustainable solutions while highlighting the many opportunities the energy transition presents.

The Strategic Conference spans two days, bringing together ministers, C-suite executives, and CEOs of the largest energy companies to share industry insights in a collaborative environment. Speakers will share insights on topics in front of high-level, relevant audiences from the government, civil, energy, academic and business sectors. The conference delves into insights on the evolution from traditional oil and gas operations and businesses to sustainable energy solutions amidst present-day geopolitical constraints and economic concerns globally.

The Technical Conference brings together over 180 technical experts speaking in 45 sessions. Session topics span the entire oil, gas, and energy value chain focusing on technical excellence across 19 categories. Speakers will drive critical conversations around the future of oil, gas, and energy, providing technical enrichment for engineers, technical experts, and digital champions.

Amidst a complex global economic outlook, the Finance and Investment in Energy Conference returns bringing global investors, industry leaders, and financial and economic experts together to unlock the complexity brought by the shifting geopolitical and economic environment. Panelists will discuss the importance of continued ESG-friendly investment, the balance between energy security and net zero targets, and partnership models for the new energy investment landscape.

With an ever-increasing focus on sustainability, the Sustainability in Energy Conference and Awards Ceremony brings together sustainability, climate, and energy transition experts to share insights about the integration of sustainability practices into their business models, ensuring a positive impact on the planet, their employees, and the communities in which they operate. The EGYPS Global Sustainability in Energy Awards will be recognising outstanding and impactful ESG, CSR, and HSE projects from around the world.

The Equality in Energy Conference and Awards Ceremony gathers change management specialists and inclusion and diversity experts together to highlight the need for the industry to create equal, diverse and inclusive workforces and workplaces of the future to deliver sustainable low-carbon business models. The Conference culminates with the prestigious EGYPS Global Equality in Energy Awards and will recognise excellence across the oil and gas sector.

On behalf of the entire organising team, we would like to welcome you once again to Cairo, for what promises to be the largest, most exciting edition of EGYPS to date. We sincerely hope that your visit to EGYPS 2023 is a positive and business-enriching experience.

# UNLOCK THE FULL POTENTIAL OF YOUR NETWORKING EXPERIENCE



## SEARCH

the exhibitor and product list



## NAVIGATE

the exhibition floor plan



## VIEW

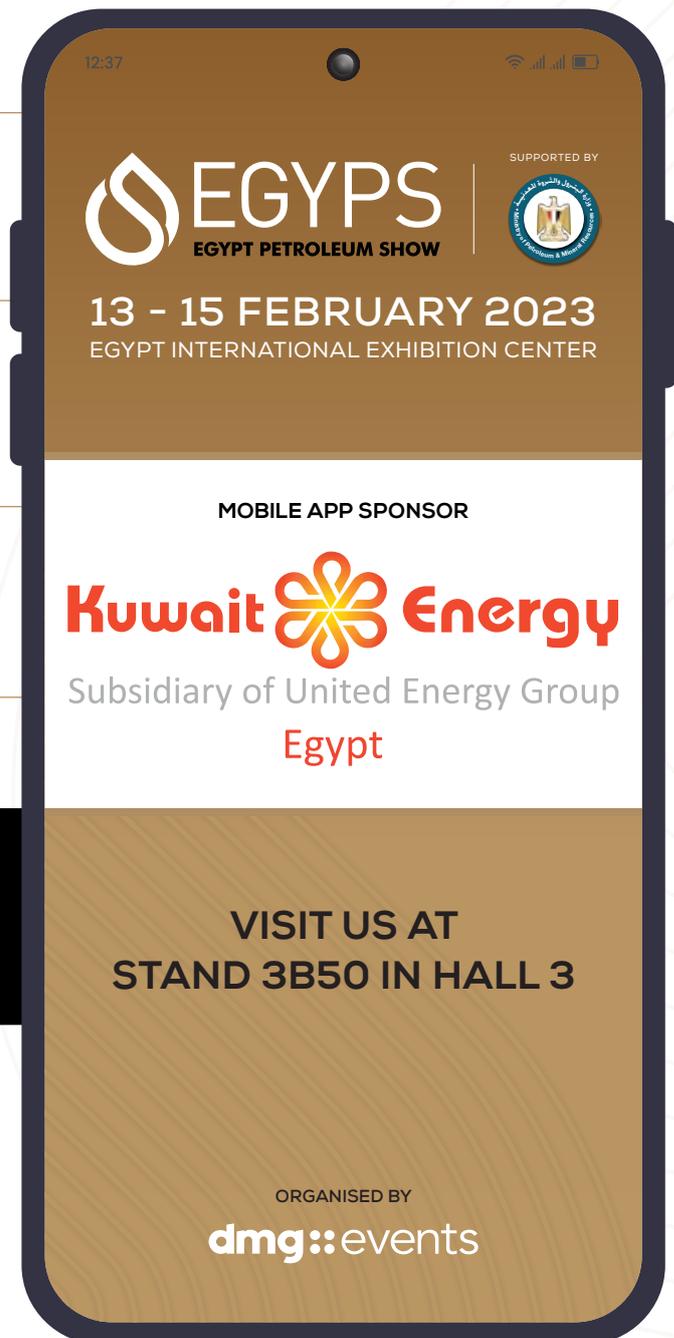
speakers and conference sessions



## SCHEDULE

onsite meetings

**DOWNLOAD THE APP NOW**  
[EGYPTPETROLEUMSHOW.COM/APP](https://egyptpetroleumshow.com/app)



# EGYPS 2023 EXECUTIVE COMMITTEE



● **Chairman:**  
**His Excellency**  
**Tarek El Molla**  
Minister of Petroleum and Mineral Resources  
Arab Republic of Egypt

● **Alaa El Batal**  
CEO  
Egyptian General Petroleum Corporation (EGPC)

● **Ibrahim Abdelqader**  
**Mekki Mahgoub**  
President and Chairman  
Egyptian Petrochemicals Holding Company (ECHEM)

● **Jean Sentenac**  
President and CEO  
Axens

● **Karim Alaa**  
Regional President  
bp North Africa

● **Nicolas Katcharov**  
Vice President MENA Operations  
Energean

● **Kamel Al Sawi**  
President  
Kuwait Energy Egypt

● **Khaled Abu Bakr**  
Executive Chairman  
TAQA Arabia

● **Mattia Campanati**  
leoc GM  
Eni

● **Salman Abou Hamzeh**  
Vice President  
dmg events

● **His Excellency**  
**Osama Mobarez**  
Secretary General  
East Mediterranean  
Gas Forum (EMGF)

● **Nael Darwish**  
Chairman  
Ganope

● **Sara Salem**  
Head of Conferences and Exhibitions  
Minister's Technical Office Egyptian  
Ministry of Petroleum and Mineral Resources

● **Tameer Nasser**  
Managing Director  
Northeast Africa  
Baker Hughes

● **Kristian Svendsen**  
Country Manager  
Chevron Egypt

● **Amr Abou Eita**  
Chairman and Managing Director  
ExxonMobil

● **Sherif Bayoumy**  
Managing Director Egypt, Sudan  
& East Mediterranean  
SLB

● **Thomas Strauss**  
Managing Director  
& Country Chair  
TotalEnergies

● **Ali Rashid Al Jarwan**  
CEO  
Dragon Oil

● **Patrick Gedeon**  
Event Director  
dmg events

● **Alaa Hagar**  
Under Secretary for Minister's  
Technical Office  
Egyptian Ministry of Petroleum &  
Mineral Resources

● **Magdy Galal**  
Chairman  
Egyptian Natural Gas Holding  
Company (EGAS)

● **David Chi**  
Regional Vice President and  
General Manager  
Apache

● **Karim El-Dessouky**  
Vice President and  
Country Manager  
Bechtel Egypt

● **Demetris Fessas**  
Executive Director  
Cyprus Hydrocarbons Company

● **Manolis Markakis**  
Oil Supply & Operations  
Senior Director  
Hellenic Petroleum

● **Khaled Kacem**  
Country Chairman and  
Managing Director  
Shell

● **Sameh Sabry**  
Senior Vice President &  
Managing Director Egypt  
Wintershall Dea

● **Shahrizal Bin Shahari**  
CEO  
Petronas Egypt

● **Claire Pallen**  
Conference Director  
dmg events

# TECHNICAL COMMITTEE MEMBERS

## Upstream: Exploration of Conventional Resources (CONV)



- Ahmed Hamouda, Country OFS Leader - Egypt and Sudan, Oilfield Service, Baker Hughes
- Aristotelis Pagoulatos, Geoscientists Department Manager, Hellenic Petroleum RSSOPP
- Fareed Ali, Asset Subsurface Manager, Kuwait Energy Egypt
- Amr Taqey, Senior Geophysicist, SLB
- Mena Waheeb, Principal Exploration Geoscientist, Shell Egypt
- Dr Ahmed Sultan, Petrophysics Department Manager, Tharwa Petroleum Company
- Eng Mahmoud Sobhy Fayed, Field Studies and Reservoir Engineering Lead, Gulf of Suez Petroleum Company (GUPCO)

## Upstream: Exploration of Unconventional Resources (UNCONV)



- Mohamed Said, Reservoir Technical Services Manager, Baker Hughes
- Ahmed Lotfy, Asset Subsurface Manager, Kuwait Energy Egypt
- Noureddien Darhim M., New Technology and Unconventional Resources Lead, Gulf of Suez Petroleum Company (GUPCO)
- Dr Tharwat Hassane, Head of Petroleum and Gas Engineering, The Egyptian Chinese University (ECU)
- Mostafa Kortam, Senior Reservoir Engineer, Petrobel

## Geoscience: Upstream Technology Developments (GEOT)



- Mohamed Soliman, Coordinator Field Service Specialist, Baker Hughes
- Ahmed Ashraf, Egypt, Sudan & East Mediterranean G&G Team Lead, SLB
- Ahmed Helmi, Principal Geophysicist, Shell Egypt
- Dr Moataz Nady, Exploration Geophysical Advisor, Eni

## Oil and Gas Field Development (FD)



- Mahmoud Khalil, Lead Services Specialist - Technical Support, Pressure Pumping Service, Baker Hughes
- Ahmed Rabie, Senior Specialist Reservoir Engineering, Kuwait Energy Egypt
- Dr Darius Shahsavari, Senior Vice President, IPR Energy Group
- Hatem Darwish, Digital Operations Solutions BDM, SLB
- Hassan Gheith, Senior Concept Engineer, Shell Egypt
- Titkoon Goh, Vice President, Reservoir Management, Development & Engineering, Wintershall Dea
- Eng Shaheen Shaheen, Chairman's Assistant, IPR Energy Group
- Eng Mahmoud Sobhy Fayed, Field Studies and Reservoir Engineering Lead, Gulf of Suez Petroleum Company (GUPCO)

## Drilling (DR)



- Moataz Moussa, Drilling Manager, Kuwait Energy Egypt
- Osama El Desouky, Drilling Engineer - D&M, SLB
- Mohamed Ashraf, Well Engineering Projects Manager, Wintershall Dea
- Marwa Alqutt, Fluids and Cementing Assistant General Manager, Agiba Petroleum Company

## Completions (COMPL)



- Wael Sadek, Lead Application Engineer - CWI, Baker Hughes
- Mohamed Atwa, Engineering General Manager, Kuwait Energy Egypt
- Maria Leticia Vazquez, Domain Champion, Reservoir Production, SLB
- Marwa Alqutt, Fluids and Cementing Assistant General Manager, Agiba Petroleum Company
- Mostafa Kortam, Senior Reservoir Engineer, Petrobel

## Gas/LNG Processing, Operations and Technology (GAS)



- Ehab El Gayesh, Senior Contract Performance Manager, Baker Hughes
- Eng Hamada Ahmad Frahat, General Manager of Gas Processing Facilities Studies, Egyptian Natural Gas Holding Company (EGAS)
- Dr Nicolas Droushiotis, Senior Project Engineer, Cyprus Hydrocarbons Company
- Sally Salah Nasr, Assistant General Manager for NG/LNG Exports and Imports Activities, Egyptian Natural Gas Holding Company (EGAS)
- Dr Khaled ElGammal, General Manager for LNG/Gas Export and Import Activities and Facilities Follow-up, Egyptian Natural Gas Holding Company (EGAS)

## Midstream: Transportation, Storage and Infrastructure (MID)



- Dr Khaled ElGammal, General Manager for LNG/Gas Export and Import Activities and Facilities Follow-up, Egyptian Natural Gas Holding Company (EGAS)
- Eng Mohamed Magdi, Environment & Property Solutions Project Manager, ExxonMobil
- Eng Aly Talha, Egypt Lead Engineer, ExxonMobil
- Hesham Elkhafif, Assistant Chairman for Technical Affairs, Egyptian Company for Gas Services (ECGS)
- Sally Salah Nasr, Assistant General Manager for NG/LNG Exports and Imports Activities, Egyptian Natural Gas Holding Company (EGAS)

## Offshore and Marine Production, Technology and Operations (MAR)



- Ahmed Mousbah, Vice President, OFE, Middle East, North Africa & Turkey, Baker Hughes
- Dr Mohamed El-Reedy, General Manager, Gulf of Suez Petroleum Company (GUPCO)
- Eng Hamada Ahmad Frahat, General Manager of Gas Processing Facilities Studies, Egyptian Natural Gas Holding Company (EGAS)
- Mohamed Aly, Project Manager, Pharaonic Petroleum Company (PhPC)
- Hesham Elkhafif, Projects General Manager, Petrobel/Egyptian General Petroleum Corporation (EGPC)

## Oil and Gas Economics, Concession Agreements and Project Finance (FIN)



- Nevine Hussein, Head of Planning, Kuwait Energy Egypt
- Ayman Shafei, Egypt Economics Lead, Shell Egypt
- Hesham Elkhafif, Projects General Manager, Petrobel/Egyptian General Petroleum Corporation (EGPC)
- Dr Abdelkader Elbadry, Planning Department Manager, Petrobel

## Project Management and Execution (PM)



- Eng Mohamed Magdi, Environment & Property Solutions Project Manager, ExxonMobil
- Mahmoud Hegazy, Head of Operations, Kuwait Energy Egypt
- Sharif Tolba, OFS Account Director, SLB
- Moataz Dawood, Project Delivery Manager - Harmattan Deep, Shell Egypt
- Dr Mohamed El-Reedy, General Manager, Gulf of Suez Petroleum Company (GUPCO)
- Dr Mahmoud Galal, Executive Assistant General Manager for Development, Petrojet
- Hesham Elkhafif, Projects General Manager, Petrobel/Egyptian General Petroleum Corporation (EGPC)
- Dr Abdelkader Elbadry, Planning Department Manager, Petrobel

# TECHNICAL COMMITTEE MEMBERS

## Operational Excellence (OPEX)



- Eng Diao Soheil, Egypt Venture Operations Manager, ExxonMobil
- Eng Ahmed Maher, Operation Integrity and HSE Advisor, ExxonMobil
- Mohamed Abdel Monsef, JV Head of Operations, Kuwait Energy Egypt
- Mohamed El Guindy, Design Engineer, Productions Systems, SLB
- Mohamed Ehab, Transformation and Value Capture Lead, Shell Egypt
- Mark Doran, ELNG Technical Director, Shell Egypt
- Thomas Kainer, Senior Vice President for Global Production & Operational Excellence, Wintershall Dea

## Health and Safety (HS)



- Rami Khallaf, Senior HSE Manager - SSA Region, Baker Hughes
- Eng Mohamed Magdi, Environment & Property Solutions Project Manager, ExxonMobil
- Eng Ahmed Maher, Operation Integrity and HSE Advisor, ExxonMobil
- Travis Hansen, Regional Response Team Coordinator, EAME/AP, ExxonMobil
- Wael Amin, Head of HSE Kuwait Energy Egypt
- Lilian Mahfouz, GeoUnit HSE, Manager, SLB
- Ahmed El-Fiki, Senior Operations Geophysicist, Shell Egypt
- Benson Egbeburie, QHSE Manager, Egyptian LNG, Shell Egypt

## Environmental Sustainability, Climate Change and Energy Transition (ENV)



- Dr Alexander John Cruz, Global Knowledge Leader - Energy Transition Solutions, Baker Hughes
- Dr Antonios Mountouris, Manager, Head of Health, Safety, Environment & Sustainable Division of HELPE Group, Hellenic Petroleum Holdings
- Manolis Markakis, Senior Director Supply, Exports & Operations, Hellenic Petroleum RSSOPP
- Mohamed Adel, General Manager, GasReg (Gas Regulatory Authority)
- Ahmed Ibrahim, Sustainability/Business Integration & MEL Coordinator, Eni leoc
- Ahmed Fouad, North Africa Region HSE&C Manager, bp

## Downstream: Refining Technology, Operations and Marketing (REF)



- Zacharakis Stathis, Business Development Director, ASPROFOS SA
- Eng Mohamed Magdi, Environment & Property Solutions Project Manager, ExxonMobil
- Mohamed Ibrahim, General Manager, Enppi
- Eng Mahmoud Ahdy Khairat, Section Head in Operations Department, MIDOR
- Eng Nora Zidan, Polymer Technology Engineer, Egyptian Petrochemicals Holding company (ECHEM)

## Downstream: Petrochemicals Technology and Operations (PET)



- Nabeel Matahen, North Africa Sales Leader, TPS, Baker Hughes
- Shaher Reda, General Manager, Corporate Integration Projects, Egyptian Petrochemicals Holding Company (ECHEM)
- Sara Mortada, Assistant General Manager - Business Development, Egyptian Petrochemicals Holding Company (ECHEM)
- Mohamed Yakan, General Manager, Technical Affairs and Technology, Egyptian Petrochemicals Holding Company (ECHEM)
- Nora Zidan, Polymer Technology Engineer, Egyptian Petrochemicals Holding company (ECHEM)

## Hydrogen, Biofuels, Alternative Fuels and Renewable Energy (BIO)



- Zacharakis Stathis, Business Development Director, ASPROFOS SA
- Manolis Markakis, Senior Director Supply, Exports & Operations, Hellenic Petroleum RSSOPP
- Nora Zidan, Polymer Technology Engineer, Egyptian Petrochemicals Holding company (ECHEM)

## Digitalisation of Oil and Gas (DIGI)



- Anton Melnik, Enterprise Solutions Leader EMEA, BHC3, Baker Hughes
- Mahmoud Shihab, Digital & Integration Data Scientist, SLB
- Vincent Hoe, Production Advisor, Shell Egypt
- Mohamed Sayed Taha, Automation Leader, Enppi
- Mostafa Kortam, Senior Reservoir Engineer, Petrobel

## People and Talent Development (PPL)



- Latifa Aal Said, DEI Director & HR Director, TPS MENATI and Global Services Sales, Baker Hughes
- Wafaa Tantawy, Head of HR & Administration, Kuwait Energy Egypt
- Hesham, Kamal, GeoUnit Recruiting Manager, SLB
- Mostafa Kortam, Senior Reservoir Engineer, Petrobel

# SCHEDULE OF CONFERENCES

MONDAY 13 FEBRUARY STRATEGIC CONFERENCE	10:00 - 10:30 Official Strategic Conference Opening	10:30-11:00 Managing supply and demand in volatile times – supporting global economies and energy security	11:00-12:00 Redrawing the global energy map – fast-tracking delivery and creating new routes to market	13:45 - 14:30 New beginnings – the race to exploit East Med gas	14:30 - 15:00 The energy transition dialogue – addressing the realities of current converging market dynamics	15:00 - 15:30 Fostering enabling strategies, policies and frameworks – driving energy transition and climate-change actions					
	TUESDAY 14 FEBRUARY STRATEGIC CONFERENCE	10:30 - 11:15 Global Business Leaders Session Decarbonising the industry – in building a winning downstream portfolio, where do alternatives such as renewable feedstocks sit?	11:15-11:45 <b>FEATURE</b> Fireside chat: African gas	11:45-12:30 Global Business Leaders Session The rise of gas and LNG – the global scramble in a tight market with soaring prices 	13:30 - 14:15 Global Business Leaders Session Pivoting from traditional oil and gas operations to new generation energy solutions – driving change through tough asset portfolio choices	14:15 - 14:45 <b>FEATURE</b> Fireside chat: East Med gas	14:45 - 15:30 Global Business Leaders Session Decarbonising oil and gas sustainably – breaking down barriers through investment, innovation and technology	15:30 - 16:15 Ministerial Interview Collaboration, stability, prosperity, sustainability and transition – Egypt, a country transforming at speed			
		TUESDAY 14 FEBRUARY SUSTAINABILITY IN ENERGY CONFERENCE & AWARDS	10:00 - 10:15 <b>Ministerial keynote speech</b> Egypt's commitment to sustainability as part of Vision 2030	10:15 - 10:30 <b>Keynote speech</b> Driving sustainable performance in challenging market conditions	10:30 - 11:15 <b>Panel discussion</b> Streamlining operations to tackle climate change and net-zero target	11:15 - 12:00 <b>Panel discussion</b> Digitalisation as an enabler of decarbonisation <b>HALLIBURTON</b>	12:00 - 12:45 <b>Panel discussion</b> Demonstrating ESG credentials to drive sustainability and growth	13:45 - 14:30 <b>Panel discussion</b> Building partnerships to drive CSR progress in North Africa and the East Mediterranean	14:30 - 15:15 <b>Panel discussion</b> Scaling R&D to unlock technology and enhance industry safety	15:15 - 16:00 <b>Panel discussion</b> Advancing the oil and gas safety culture	
			WEDNESDAY 15 FEBRUARY FINANCE & INVESTMENT IN ENERGY CONFERENCE	10:00 - 10:15 <b>Ministerial Keynote Speech</b> Transforming Egypt into a regional energy trading hub	10:15 - 11:00 <b>Panel discussion</b> Capitalising on investment opportunities in North Africa and the East Mediterranean	11:00 - 11:45 <b>Panel discussion</b> Solving Europe's gas supply in the short and long term through targeted investments	11:45-12:30 <b>Panel discussion</b> Accelerating decarbonisation and energy security through public private partnerships	13:30 - 14:15 <b>Panel discussion</b> Overcoming the market impacts of ESG investment constraints	14:15 - 15:00 <b>Panel discussion</b> Africa Focus: The role of natural gas to drive economic growth and reduce energy poverty	15:00 - 15:45 <b>Panel discussion</b> Financing the energy transition	15:45-16:30 <b>Panel discussion</b> The evolving role of a CFO as a catalyst for digital transformation
				WEDNESDAY 15 FEBRUARY EQUALITY IN ENERGY CONFERENCE & AWARDS	10:00 - 10:15 <b>Keynote address</b> Reinventing the workplace and workforce of the future	10:15 - 11:00 <b>Panel discussion</b> Building a net zero-ready workforce	11:00 - 11:45 <b>Panel discussion</b> Harnessing the power of change management for an agile culture	11:45 - 12:30 <b>Panel discussion</b> Attracting Millennials and Gen Z into the energy sector	14:15- 15:00 <b>Lighting talks and audience Q&amp;A</b> • The digital future: closing the skills gap • Managing the unconscious bias in pay and promotion • Creating an equitable, diverse and inclusive culture for a greener future	15:00 - 15:45 <b>Panel discussion</b> Gender equality and the role of women in the clean energy transition	

# TECHNICAL SESSIONS

	ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5
<b>MONDAY 13 FEBRUARY</b>	<b>Time</b> 11:30-13:00 CATEGORY: HS SESSION 1: Digital tools to improve health and safety	CATEGORY: PM SESSION 2 Tackling project execution challenges	CATEGORY: PPL SESSION 3 People and talent management	CATEGORY: FIN SESSION 4 Energy economics and business development	CATEGORY: ENV SESSION 5 Decarbonisation and energy transition
	14:30-16:00 CATEGORY: HS SESSION 6 Embracing the health and safety culture	CATEGORY: PM SESSION 7 Innovation in project management	CATEGORY: PPL SESSION 8 Talent acquisition strategies	CATEGORY: GEOT SESSION 9 Upstream geoscience technology unlocks new potential	CATEGORY: ENV SESSION 10 Reducing carbon footprint and greenhouse emissions
<b>TUESDAY 14 FEBRUARY</b>	10:00-11:30 CATEGORY: PET SESSION 11 Towards a sustainable petrochemical industry	CATEGORY: MAR SESSION 12 New offshore technologies resolving operational challenges	CATEGORY: DR SESSION 13 Wellbore stability and fluids innovation	CATEGORY: UNCONV SESSION 14 Integrating subsurface data to unlock unconventional resources	CATEGORY: BIO SESSION 15 Renewable energy: technology, operations, integration with existing facilities
	11:30-13:00 CATEGORY: REF SESSION 16 Refining developments and advancements	CATEGORY: MID SESSION 17 Transportation, storage and infrastructure for midstream operations	CATEGORY: DR SESSION 18 Drilling challenges and optimisation	CATEGORY: UNCONV SESSION 19 Tapping into productivity enhancement in unconventional resources	CATEGORY: BIO SESSION 20 Green ammonia and hydrogen production and usage
	14:00-15:30 CATEGORY: REF SESSION 21 Refining innovation and profitability	CATEGORY: GAS SESSION 22 Operational solutions for Gas/LNG processing	CATEGORY: COMPL SESSION 23 Production optimisation through smart completion and intervention solutions	CATEGORY: FD SESSION 24 Enhanced oil recovery (EOR)	CATEGORY: BIO SESSION 25 Latest developments in green hydrogen
	15:30-17:00 CATEGORY: DIGI SESSION 26 Advanced digital transformation Initiatives	CATEGORY: GAS SESSION 27 Gas /LNG new initiatives	CATEGORY: COMPL SESSION 28 Reservoir productivity enhancement utilising innovative and stimulation technologies	CATEGORY: FD SESSION 29 Reservoir monitoring and surveillance	CATEGORY: BIO SESSION 30 Biofuels technology, production and usage
<b>WEDNESDAY 15 FEBRUARY</b>	10:00-11:30 CATEGORY: DIGI SESSION 31 Data science, predictive analytics and artificial intelligence	CATEGORY: OPEX SESSION 32 Cost optimisation and asset integrity	CATEGORY: CONV SESSION 33 Innovation in prospect evaluation	CATEGORY: FD SESSION 34 Unlocking the potential of mature fields	CATEGORY: ENV SESSION 35 Carbon capture, utilisation and storage (CCUS)
	11:30-13:00 CATEGORY: DIGI SESSION 36 Cyber security, safety and augmented reality	CATEGORY: OPEX SESSION 37 Maintenance and asset integrity	CATEGORY: CONV SESSION 38 Rock physics insights	CATEGORY: FD SESSION 39 Production optimisation and enhancement	CATEGORY: ENV SESSION 40 Circular economy case studies
	14:00-15:30 CATEGORY: DIGI SESSION 41 Digital twins and IoT	CATEGORY: OPEX SESSION 42 Intelligent solutions and the role of technology to achieve operational excellence	CATEGORY: CONV SESSION 43 Addressing reservoir characterisation challenges	CATEGORY: FD SESSION 44 Integrated reservoir case studies	CATEGORY: ENV SESSION 45 Technology to enable environmental sustainability

## 19 TECHNICAL CATEGORIES

Upstream: Exploration of Conventional Resources (CONV)	Upstream: Exploration of Unconventional Resources (UNCONV)	Geoscience: Upstream Technology Developments (GEOT)	Oil and Gas Field Development (FD)	Drilling (DR)
Completions (COMPL)	Gas/LNG Processing, Transportation, Operations and Technology (GAS)	Midstream: Transportation, Storage and Infrastructure (MID)	Offshore and Marine Technology and Operations (MAR)	Oil and Gas Economics, Concession Agreements and Project Finance (FIN)
Project Management and Execution (PM)	Operational Excellence (OpEx)	Health, Safety (HS)	Environmental Sustainability, Climate Change and Energy Transition (ENV)	Downstream: Refining Technology, Operations and Marketing (REF)
Downstream: Petrochemicals Technology and Operations (PET)	Biofuels, Alternative Fuels and Renewable Energy (BIO)	Digitalisation of Oil and Gas (DIGI)	People and Talent Development (PPL)	



تحت رعاية فخامة الرئيس عبد الفتاح السيسي رئيس جمهورية مصر العربية  
HELD UNDER THE PATRONAGE OF HIS EXCELLENCY ABDEL FATTAH EL SISI, PRESIDENT OF THE ARAB REPUBLIC OF EGYPT



# EGYPS TECHNICAL CONFERENCE

SUPPORTED BY

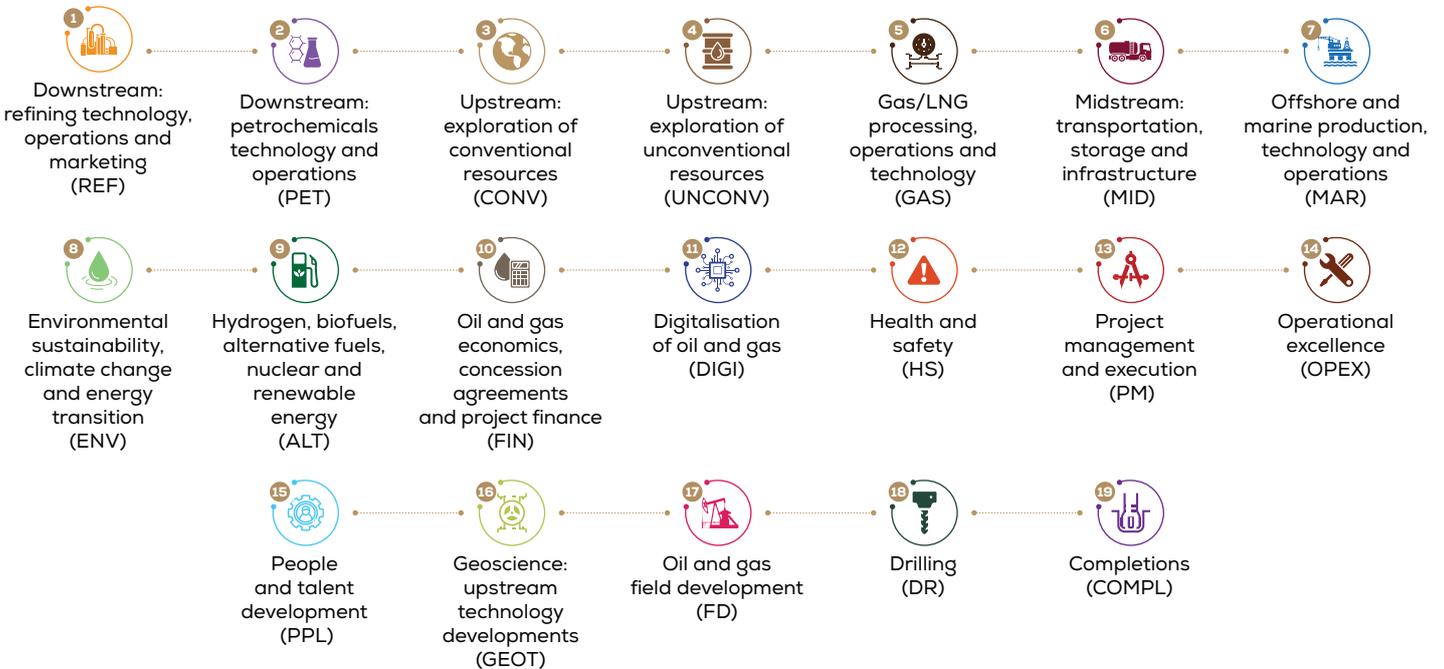


12 - 14 FEBRUARY 2024 | CAIRO, EGYPT

## 2024 TECHNICAL CONFERENCE CALL FOR PAPERS NOW OPEN

[EGYPS.COM/CFP](http://EGYPS.COM/CFP)

### TECHNICAL CONFERENCE CATEGORIES



FOR SUBMISSION ENQUIRIES CONTACT:  
[CONFERENCES@EGYPS.COM](mailto:CONFERENCES@EGYPS.COM)

DEADLINE FOR ABSTRACT SUBMISSIONS  
THURSDAY 4 MAY 2023

SUPPORTED BY



STRATEGIC PARTNER



ORGANISED BY



# SHOW TIMINGS

Important Timings	Day 1 Monday 13 February	Day 2 Tuesday 14 February	Day 3 Wednesday 15 February
Exhibition – Open to visitors	10:00 – 19:00	10:00 – 19:00	10:00 – 19:00
Strategic Conference	10:00 – 15:30	10:30 – 16:15	-
Technical Conference	11:30 – 16:00	09:30 – 18:30	10:00 – 15:30
Sustainability in Energy Conference & Awards Ceremony	-	10:00 – 17:30	-
Finance & Investment in Energy Conference	-	-	10:00 – 16:30
Equality in Energy Conference & Awards Ceremony	-	-	10:00 – 17:30
EGYPS Energy Club	10:00 – 19:00	10:00 – 19:00	10:00 – 19:00

## EXPLORE OPPORTUNITIES ACCELERATING THE ENERGY TRANSITION



### NEXT-GEN TECHNOLOGIES

Discover the entire spectrum of the latest technologies and solutions including IT advancements, digitisation, AI, hydrogen, decarbonisation and CCUS.



### FORGE PARTNERSHIPS

Meet new suppliers and secure potential new partnerships to grow your business in the region and internationally.



### SECURE INVESTMENT

Identify new markets for potential joint venture opportunities and investment as regional governments highlight the importance of the private sector's contributions to the region's green transition.



### MARKET KNOWLEDGE

Learn new skills and improve your knowledge through our conferences, that focus on market challenges and opportunities, sector reforms and policies, project advances, workforce developments, business continuity, and more.



### BEYOND COP27

Explore the outcomes of the COP27 meeting in Egypt as EGYPS lays the groundwork for critical discussions around the industry's transition and ongoing recovery.



### ESG RESPONSIBILITIES

Now that ESG reporting is becoming mandatory in Egypt in 2023, stay abreast with the needs of society as the energy transition gathers pace.

# STRATEGIC CONFERENCE

---

13 - 14 FEBRUARY 2023  
[EGYPS.COM/SC](http://EGYPS.COM/SC)

Session Sponsor



Delegate Lounge Sponsor



# CONFERENCE AGENDA

Monday 13 February 2023

**10:00 - 10:30** Official Strategic Conference Opening

**10:30-11:00**

**Managing supply and demand in volatile times – supporting global economies and energy security**

The geopolitical uncertainty and changing dynamics of the global energy trading system have highlighted the importance of energy security for all global economies. Ministers and CEOs of the world's largest energy companies have come to recognise energy sources are not equal in terms of the security they offer and that geopolitics no longer affects just emerging and developing markets, but every economy worldwide.

Today, in this unprecedented era of volatility and transition, partnerships between governments and energy companies and between operators and regulators remain critical to ensure open conversation on an agenda that drives regulation, investment, security, transition and innovation.

### Attendee insights

A vital discussion that will articulate the importance of embracing an innovation agenda to support partnerships that drive growth across the energy value chain, supporting global economies and energy security.



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



**Kadri Simson**  
Commissioner for Energy  
European Union



**Her Excellency  
Amani Abou-Zeid**  
Commissioner for  
Infrastructure and Energy  
African Union Commission



**Moderator  
John Deferios**  
Former Emerging Markets  
Editor, CNN  
Professor of Business  
NYU Abu Dhabi

**11:00-12:00**

**Redrawing the global energy map – fast-tracking delivery and creating new routes to market**

The energy trading map continues to be redrawn with a priority spotlight on the EU, providing a window of opportunity for export from Egypt and the East Mediterranean, ahead of alternatives including US LNG reaching international markets.

With abundant discovered and undiscovered natural resources and legacy transit infrastructure, Egypt and East Mediterranean countries can collectively play a decisive role in helping solve the EU's gas crisis. However, with the gas needed now, the caveat is fast-tracked delivery and routes to market. Can FLNG units be a quick fix to supplement the regions existing infrastructure?

Egypt already has a great track record in delivering Zohr, but speedy delivery requires good will and good partnerships. Can a pandemic and energy crisis be the catalysts that align global governments, international organisations, operators, tech providers and EPCs to deliver against all odds?

### Attendee insights

A critical discussion on getting new oil and gas supplies to market, fast. With insights on the mobilisation, infrastructure, technologies and investment levels and agreements needed for operators to ramp up production and plug the supply gap and how economies can safeguard against, and pivot away from reliance on one major supplier.



**Bernard Looney**  
CEO  
bp



**John Christmann**  
Chief Executive Officer  
and President  
Apache Corporation



**Mario Mehren**  
CEO  
Wintershall Dea



**Mansoor Mohamed  
Al Hamed**  
CEO  
Mubadala Energy



**Lorenzo Simonelli**  
Chairman and CEO  
Baker Hughes



**Antonio Pietri**  
President & CEO  
AspenTech



**Moderator  
Lubna Bouza**  
Editor in Chief  
Sky News Arabia

**12:00-13:30**

**Lunch**

# CONFERENCE AGENDA

Monday 13 February 2023

13:45 - 14:30

## New beginnings – the race to exploiting East Med gas

The contribution of East Med gas in the context of energy security and decarbonisation efforts continues to grow. In line with expanding current domestic and export potential, the East Mediterranean Gas Forum (EMGF) continues to take the lead on driving mutual economic prosperity, the reduction of regional carbon footprints, and expanding upon its remit to remain relevant and deliver upon stakeholder engagements.

### Attendee insights

A vital discussion on building unity and paving the way for regional importing and exporting countries to become partners and suppliers of choice.



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



**His Excellency  
Walid Fayad**  
Minister of Energy  
and Water  
Lebanon



**His Excellency  
Zafer Milhem**  
Chairman  
Palestinian Energy &  
Natural Resources  
Authority



**His Excellency  
Osama Mobarez**  
Secretary General  
East Mediterranean Gas  
Forum (EMGF)



**Nasser Kamel**  
Secretary General  
Union for the  
Mediterranean (UfM)



**Moderator  
John Defterios**  
Former Emerging Markets  
Editor, CNN  
Professor of Business  
NYU Abu Dhabi

14:30-15:00

## The energy transition dialogue – addressing the realities of current converging market dynamics

As regionally Egypt played host to COP27, and the UAE prepares for COP28, the industry is already driving business models to decarbonise the oil and gas value chain. But with no single agreed transition roadmap in place, it's acknowledged the energy transition will be delivered by multiple energy sources and action plans and will not be cost or complication free.

At the same time, current geopolitical constraints have shifted the fundamentals of the energy transition to include renewed focus on energy security and affordability, calling for continued investment in oil and gas, with the provision for climate-conscious sustainable exploration and production and the use of low-carbon tech.

### Attendee insights

An important discussion to address the reality of current market dynamics and the critical steps both government and industry are taking to drive actionable outcomes to deliver both energy transition and energy security and affordability in line with the 2030 Agenda for Sustainable Development.



**Her Excellency  
Dóra Zombori**  
Deputy State Secretary for  
Energy Security, Ministry of  
Foreign Affairs and Trade  
Hungary



**Cheikh Niane**  
Secretary General and  
Vice Minister, Ministry of  
Petroleum and Energies  
Senegal



**Jerreh Barrow**  
Director General  
Petroleum Commission  
The Gambia



**Moustapha Bechir**  
Director General of  
Hydrocarbons  
Ministry of Petroleum  
Mines and Energy  
Mauritania



**Mostafa Warfo**  
Head of Hydrocarbons  
Activities, Ministry of  
Energy Transition and  
Sustainability  
Morocco



**Moderator  
Eithne Treanor**  
Presenter  
EGYPS 2023

# CONFERENCE AGENDA

Monday 13 February 2023

15:00-15:30

## Fostering enabling strategies, policies and frameworks – driving energy transition and climate-change actions

Historical policies and frameworks are no longer able to withstand or enable hydrocarbon or clean energy growth. As a result, governments, international energy agencies and organisations, operators, think tanks and coalitions globally are coming together to drive change.

To advance decarbonisation efforts and produce oil and gas resources that are more environmentally friendly, 120 countries, Egypt included, have joined the oil and gas sector Global Methane Pledge to reduce emissions by 30% by 2030.

A low-carbon solution, hydrogen is poised to play a key role in the future global energy mix. However, operator and tech led hydrogen roadmaps and government policies enabling investment and long-term strategies are required to bring infrastructure to scale and support the deployment of technologies.

In supporting energy independence and further adding to the future energy mix, government plans to expand nuclear power are being revisited. However, regulations and funding are required to enable expansion of new nuclear reactors and support infrastructure build-out.

To counteract rising inflation and increasingly weak economies globally, OPEC+ continues to flex its control on oil pricing with its latest production cuts based on the assumption of oil price recovery.

### Attendee insights

An important discussion outlining the work being done to create enabling businesses, policies and frameworks to drive energy transition and climate-change actions. Plus, insights into how future oriented strategies and frameworks can stabilise unexpected energy crises and protect against fluctuating market pricing at times of geopolitical uncertainties.



**His Excellency  
Haitham Al Ghais**  
Secretary General  
Organization of the  
Petroleum Exporting  
Countries (OPEC)



**Dr Omar Farouk Ibrahim**  
Secretary General  
African Petroleum  
Producers' Organization  
(APPO)



**Joseph McMonigle**  
Secretary General  
International Energy  
Forum (IEF)



**Dr Houda Ben  
Jannet Allal**  
General Director  
Observatoire  
Méditerranéen de  
l'Energie (OME)



**Moderator**  
**Eithne Treanor**  
Presenter  
EGYPS 2023



# CONFERENCE AGENDA

Tuesday 14 February 2023

10:30 - 11:15

## Global Business Leaders Session

**Decarbonising the industry – in building a winning downstream portfolio, where do alternatives such as renewable feedstocks sit?**

Contrary to some opinions, the current energy crisis has escalated, not derailed industry efforts to tackle climate change and deliver upon energy transition commitments. Indeed, the challenging geopolitical environment and energy crisis has highlighted the weaknesses of today's global energy system.

These market disruptions and increasingly demanding consumer behaviours are defining a new downstream ecosystem, one that is circular, more energy efficient, focused upon decarbonisation and the deployment of low-carbon technologies across its processes, and evaluating a shift to renewable feedstocks such as solar and wind to reduce costs, cut down on feedstock emissions and free up valuable gas resources for export.

### Attendee insights

A valuable discussion detailing how to build a winning downstream portfolio through asset choices that capture hydrocarbons value whilst focused upon decarbonisation and embrace renewables and alternative fuel sources such as hydrogen in the feedstock value chain.



**Jean Sentenac**  
President and CEO  
Axens



**Rich Sumner**  
CEO  
Methanex Corporation



**Andreas Shiamishis**  
CEO  
HELLENiQ ENERGY



**Ibrahim Abdelqader  
Mekki Mahgoub**  
President and Chairman  
Egyptian Petrochemicals  
Holding Company  
(ECHEM)



**Jean-Philippe Torres**  
Senior Vice-President  
Africa  
TotalEnergies



**Dr Cord Landsmann**  
CEO  
thyssenkrupp Uhde



**Moderator  
Eithne Treanor**  
Presenter  
EGYPS 2023

11:15 - 11:45

## ★ FEATURE

**Fireside chat: African gas**

A candid conversation on the opportunity of gas for the African continent. Insights into its potential, the key drivers, the immediate barriers and solutions of developing natural gas value-chains in Africa to address energy poverty and climate change.

The conversation will explore how governments and the African industry can spur development and play a role in delivering a secure and sustainable energy future for the continent, paving the way for a just African energy transition.



**Milton Catelin**  
Secretary General  
International Gas Union  
(IGU)



**Rashid Abdallah**  
Executive Director  
African Energy  
Commission  
(AFREC)



**Mickaël Vogel**  
Director & Head  
of Research  
Hawilti



**Moderator  
Khaled Abubakr**  
Executive Chairman  
TAQA Arabia

# CONFERENCE AGENDA

Tuesday 14 February 2023

11:45 - 12:30

## Global Business Leaders Session

The rise of gas and LNG – the global scramble in a tight market with soaring prices

Session Sponsor



Gas and LNG flows have shifted significantly since the start of the Ukraine invasion and the West's unprecedented sanctions against Russia, creating a global scramble for gas and a significantly changed energy trading map across all major markets, not just emerging.

With gas and LNG markets expected to remain tight into 2023, continued soaring global trade prices and 2022/23 winter months approaching, there is renewed urgency to secure affordable supplies. The question is, where is it coming from and how quickly can it be exported?

### Attendee insights

A deep dive into the current global trading environment and the likely outcomes in terms of short to mid-term pricing, continued disrupted trade flows and infrastructure and supply chain challenges, plus European vs Asian demands on what is ultimately the same gas and LNG supply pool.



**John Ardill**  
Vice President  
Global Exploration  
ExxonMobil



**Dr Eng Magdy Galal**  
Chairman  
Egyptian Natural Gas  
Holding Company (EGAS)



**Yossi Abu**  
CEO  
NewMed Energy



**Mathios Rigas**  
CEO  
Energiean



**Cederic Cremers**  
Executive Vice President  
LNG  
Shell



**Moderator**  
**Aida Araissi**  
CEO  
Bilateral US Arab  
Chamber of Commerce

13:30 - 14:15

## Global Business Leaders Session

Pivoting from traditional oil and gas operations to new generation energy solutions – driving change through tough asset portfolio choices

The energy industry is at a moment of change. Energy security is dictating the need for optionality in energy sources to make a practical and successful transition, including in the short-term fossil fuels with natural gas, albeit abated, gaining increased recognition as a bridging fuel to net-zero ambitions.

COP27 in Egypt has been of great significance on how the industry moves forward and decarbonises its operations. At the same time, major economies looking to diversify their energy dependence are building momentum for new generation energy solutions such as the Inflation Reduction Act in the US and the REPowerEU package in Europe. These initiatives are creating positive changes across economies and businesses.

Pivoting from traditional oil and gas operations to new generation energy solutions requires companies to embrace and reinvent their business models, making tough choices on how and where they focus, bringing forward the need for transparent and action-orientated leadership.

### Attendee insights

As insightful leadership discussion driven by the need for change. Panelists will share insights on how they are changing their business models and making tough asset portfolio choices to bring forward transition, stability and security amidst global disruptions.



**Alessandro Bernini**  
CEO and  
Chief Operating Officer  
Maire Tecnimont Group



**Paul Marsden**  
President, Energy  
Bechtel



**Alessandro Puliti**  
CEO  
Saipem



**Anja Isabel Dotzenrath**  
Executive Vice President  
Gas and Low Carbon  
Energy  
bp



**Luca Vignati**  
Upstream Director  
eni



**Moderator**  
**Iman Hill**  
CEO  
International Association  
of Oil & Gas Producers  
(IOGP)

# CONFERENCE AGENDA

Tuesday 14 February 2023

## ★ FEATURE

14:15 - 14:45

### Fireside chat: East Med gas

With the recent announcement of a significant gas discovery in the Nargis Block Offshore Egypt, which adds considerably to the company's already significant gas resources in the Eastern Mediterranean, this exclusive conversation provides the opportunity to gain first-hand insights on the potential of the Nargis discovery.

The conversation will also focus on the importance of natural gas in supporting energy security and its role in the energy transition. Plus how this super major's lower carbon strategy is helping balance its traditional portfolio with an increasing focus on more climate conscious energies.



**Clay Neff**  
President  
Chevron International  
Exploration & Production



**Moderator**  
Eithne Treanor  
Presenter  
EGYPS 2023

## Global Business Leaders Session

14:45 - 15:30

### Decarbonising oil and gas sustainably – breaking down barriers through investment, innovation and technology

The compelling reality of the global energy transition is that oil and gas demand will not evaporate anytime soon. However, this makes it no less critical that businesses continue to drive transformation across their operations, adopting an innovative low-carbon agenda that embraces technology to reduce emissions and produce more but with a lower, more sustainable carbon footprint.

CCUS, methane reduction, flare recovery and reinjection, low-carbon hydrogen and energy management and efficiency are crucial areas where efforts are being expanded to increase momentum and advance decarbonisation across the oil and gas value chain.

To accelerate actions globally, policymakers, operators, service providers and technology developers must ensure access to funding is available and affordable and that supporting infrastructure and build-out are in place.

#### Attendee insights

An important discussion highlighting the latest innovations and tech being deployed to support decarbonisation efforts and the necessity for access to oil and gas investment. Plus, panel reactions to the question – what more can be done to meet the 1.5°C pathway by mid-century?



**Song Yu**  
Executive President, UEG  
and CEO, Kuwait Energy



**Maria Rita Galli**  
CEO  
DESFA



**Sherif Foda**  
Chairman of the Board &  
CEO  
NESR - National Energy  
Services Reunited



**Dr Patrick Allman-Ward**  
CEO  
Dana Gas



**Marco Villa**  
Chief Operating Officer  
Technip Energies



**Moderator**  
Eithne Treanor  
Presenter  
EGYPS 2023

# CONFERENCE AGENDA

Tuesday 14 February 2023

15:30-16:15

## Ministerial Interview

Collaboration, stability, prosperity, sustainability and transition – Egypt, a country transforming at speed

Having gone from a gas importer to exporter in a relatively short period of time, Egypt continues its transformation at speed. At the heart of its success is the unwavering support of its government, plus an ethos of collaboration and strong partnerships to derive stability for its economy, prosperity for its people, sustainability for its oil and gas resources and transition for its energy future.

As hosts of COP27, Egypt drove a unified voice for Africa's energy transition. Pushing natural gas as the transitional fuel of choice, calling for access to continued investment and funding allocation for oil and gas and championing access to energy for all, to alleviate energy poverty across African continents.

Egypt's role in the region and industry are significant. This year alone, international partners have signed 16 exploration agreements and another 15 for 2023. Investments and expectations are high. Ability to fast-track from discovery to onstream remains a core component of Egypt's attractiveness, helping to gain significant market influence globally at a time when energy security uncertainties continue.

### Attendee insights

This key interview will explore how Egypt is transitioning from a regional to international player on the global energy map. Its renewed focus on becoming an energy trading hub, supplying gas to the EU through regional cooperation with EMGF member countries. Its continued voice for Africa's energy transition and access to funding. And its steadfast commitment to its international partners to collaborate to decarbonise the industry.



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



Moderator  
**Eithne Treanor**  
Presenter  
EGYPS 2023





تحت رعاية فخامة الرئيس عبد الفتاح السيسي رئيس جمهورية مصر العربية  
HELD UNDER THE PATRONAGE OF HIS EXCELLENCY ABDEL FATTAH EL SISI, PRESIDENT OF THE ARAB REPUBLIC OF EGYPT



SUPPORTED BY



RESHAPING THE WORLDS  
FUTURE ENERGY MIX

**SAVE THE DATE**  
12 - 14 FEBRUARY 2024

**4** EASY WAYS TO  
BOOK A STAND

- [www.egyps.com/bookyourstand](http://www.egyps.com/bookyourstand)
- [sales@egyps.com](mailto:sales@egyps.com)
- +971 4 248 3214
- Scan the QR code



SUPPORTED BY



STRATEGIC PARTNER

DIAMOND SPONSORS



PLATINUM SPONSOR



SILVER SPONSORS

BRONZE SPONSORS



ORGANISED BY

# SUSTAINABILITY IN ENERGY CONFERENCE & AWARDS

TUESDAY 14 FEBRUARY 2023  
[EGYPT.COM/SIE](https://egypt.com/sie)

LEAD SPONSOR



SESSION SPONSOR

**HALLIBURTON**

AWARDS CATEGORY SPONSORS

*Apache* **Enppi** **HALLIBURTON**



# CONFERENCE AGENDA

Tuesday 14 February 2023

10:00 – 10:15

## Ministerial keynote speech

Egypt's commitment to sustainability as part of Vision 2030



Egypt is committed to reducing greenhouse gas emissions and combating climate change as part of its Vision 2030 Agenda for Sustainable Development, as well as ensuring energy security, progressing towards the energy transition, and improving health, safety, and environmental practises in the petroleum sector. Egypt's sustainability strategy and action plan will be presented in this inaugural keynote speech, following the historic COP27 in Sharm El Sheikh.

### Attendee insights:

Attendees will gain insights into Egypt's strategy to achieve its Sustainable Development Goals in line with Vision 2030.



Her Excellency  
Dr Yasmine Fouad  
Minister of Environment  
Arab Republic of Egypt

10:15 – 10:30

## Keynote speech

Driving sustainable performance in challenging market conditions



Sustainability has been elevated from a minor consideration for oil and gas companies to a vital pillar for long-term corporate competitiveness. The industry is responding by adopting supportive policies for protecting the environment, fast tracking net-zero and optimising health, safety and wellbeing measures across its value chain. During this keynote speech, the challenges that oil and gas operators are facing to drive sustainability performance while retaining profit against a backdrop of supply, demand, and oil price volatility will be emphasised.

### Attendee insights:

The challenges of integrating sustainability throughout oil and gas operations in the present market context will be dissected.



Sameh Sabry  
Senior Vice President &  
Managing Director  
Egypt  
Wintershall Dea



# CONFERENCE AGENDA

Tuesday 14 February 2023

10:30 – 11:15

## Panel discussion

### Streamlining operations to tackle climate change and net-zero target



The selection of Egypt and the UAE to host COP27 and COP28 has put a spotlight on the MENA region to showcase its plans on addressing climate change. With regional NOCs outlining their objectives to reduce greenhouse-gas emissions, how are upstream, midstream and downstream operations being optimised to combat climate change and reach net-zero emissions? What are the obstacles to decarbonising the future of energy and accelerating sustainability? Are new approaches to circular economy frameworks in existing oil and gas business models helping the sector decarbonise?

#### Attendee insights:

Energy leaders will explore how the oil and gas industry are taking practical steps to turn climate-change goals into actions.



**Denisse Abudinén**  
Chief Executive Officer  
Egypt  
Enap Siptrol



**Paul Mayland**  
Chief Operating Officer  
Capricorn Energy



**Anas Aljuaidi**  
Chief Executive Officer  
MMEC Mannesmann



**Allyson Book**  
Chief Sustainability Officer  
Baker Hughes



**Moderator**  
**Jan Zschommler**  
Market Area Manager  
Middle East & Africa  
DNV Energy Systems

11:15 – 12:00

## Panel discussion

### Digitalisation as an enabler of decarbonisation

SESSION SPONSOR  
**HALLIBURTON**



Efficiency and streamlined operations are the key to achieving both digitalisation and decarbonisation. To attain net-zero carbon emissions, the energy industry must increase its use of low-carbon fuels in the energy mix. This means not only integrating technology that improves efficiency at existing oil and gas fields and their downstream counterparts, but also harnessing carbon capture technologies. How are NOCs and IOCs leveraging digital technologies to decrease their carbon footprints? What are the technologies with the most potential to tackle decarbonisation?

#### Attendee insights:

Digital leaders from IOCs, NOCs, and global energy technology firms will discuss which technologies are having the biggest impact in the pathway to net-zero and how they are currently being deployed.



**Alexander Kajos**  
Vice President  
Downstream  
Nalco Water, an Ecolab  
Company



**Steve Freeman**  
Head of Energy Transition  
SLB



**Dr Samir Elkareish**  
Vice Chairman  
Energy Transition  
Egyptian Natural Gas  
Holding Company (EGAS)



**Tarek Hamouda**  
Chairman & CEO  
Technical Office GM  
ENPPI



**Dr. Abderrezak Benyoucef**  
Head of the Energy  
Studies Department  
OPEC



**Moderator**  
**Pablo Avogadri**  
Partner and Associate  
Director, Energy  
Boston Consulting Group

# CONFERENCE AGENDA

Tuesday 14 February 2023

**12:00 – 12:45** **Panel discussion**  
**Demonstrating ESG credentials to drive sustainability and growth**



In order to accelerate the sustainability agenda, policymakers have responded by putting in place benchmarks that report on ESG performance. Since its introduction, the oil and gas industry has faced a huge challenge in accurately reporting on ESG targets to investors in a way that articulates a sustainable ROI whilst demonstrating compliance. What ESG conforming businesses models and reorganisational frameworks are companies putting in place to help achieve their long-term sustainable goals and attain energy security?

**Attendee insights:**

In this session we look at how the oil and gas sector can articulate and deliver a purpose-driven environmental narrative that attracts ongoing investment and drives the energy transition.

 <p><b>Jim Lenton</b> Group Senior Vice President Sector Lead Upstream, Midstream, LNG Worley</p>	 <p><b>Antonios Mountouris</b> Head of HSE &amp; Sustainable Development Division Hellenic Petroleum</p>	 <p><b>Nooshin Behroyan</b> Chief Executive Officer Paxon Energy &amp; Infrastructure</p>	 <p><b>Anthony Watson</b> Chief Executive Officer Ras Ghareb Wind Energy S.A.E</p>
 <p><b>Ricardo Puig</b> Chief Commercial Officer Magellan X</p>	 <p><b>Moderator Pablo Avogadri</b> Partner and Associate Director, Energy Boston Consulting Group</p>		

**12:45 – 13:45** **Lunch**

**13:45 – 14:30** **Panel discussion**  
**Building partnerships to drive CSR progress across Sub-Saharan Africa, North Africa and the East Mediterranean**



Aside from working toward the UN’s SDGs roadmap, the oil and gas industry is raising standards by anticipating market requirements and investing in local communities in which they operate. With community development being an important component of the industry’s organisational ethics, how are oil and gas corporations working together to promote CSR efforts, give back to societies, and support governments in North Africa and the East Mediterranean regions with economic and social transformation? What is the sector doing to align community impact goals with corporate objectives?

**Attendee insights:**

This session will look at how the industry is cross-collaborating to further amplify SDG impact whilst also addressing the social and environmental impact of company activities in North African and East Mediterranean communities.

 <p><b>Blake Gendron</b> Vice President Investor Relations &amp; ESG IMPACT Segment NESR</p>	 <p><b>Nicolas Katcharov</b> Country Manager Egypt Energean</p>	 <p><b>Dalia Wahba</b> Deputy CEO and Chief Investment Officer Hassan Allam Utilities</p>	 <p><b>Laila Chemane-Chilemba</b> Vice President Socioeconomic Development - Mozambique LNG Project TotalEnergies</p>
 <p><b>Nael Darwish</b> Chairman South Valley Egyptian Petroleum Holding Company (GANOPE)</p>	 <p><b>Brad Boyd</b> Senior Vice President Corporate Resources Methanex Corporation</p>	 <p><b>Moderator Ali Hegab</b> Oil and Gas Consultant</p>	

# CONFERENCE AGENDA

Tuesday 14 February 2023

14:30 – 15:15

## Panel discussion

### Scaling R&D to unlock technology and enhance industry safety



For oil and gas companies, safety hazards can result in downtime, lost revenue, and, most critically, fatalities or injuries to workers on-site. Although the industry already ensures workers follow stringent health and safety protocols, how can businesses elevate their safety programmes into the future so that digital oilfields and facilities become industry standards which create best in class safe working environments? How can the use of robotics and automation reduce human error and pave the way for a promising future for oil and gas safety efforts?

#### Attendee insights:

HSE executives and digital energy leaders will discuss the role technology can play in creating safer worker environments in upstream, midstream and downstream operations in line with Vision 2030.



**Mohammed Bahatem**  
Senior Vice President  
HSE & Asset Integrity  
Management  
Mubadala Energy



**James Garvie**  
HSE Advisor  
Cheiron



**Mathew Thomas**  
Senior Industry  
Consultant  
Hexagon



**Moderator  
Ali Hegab**  
Oil and Gas Consultant

15:15 – 16:00

## Panel discussion

### Advancing the oil and gas safety culture



While posing significant HSE problems for organisations throughout the industry and region, the COVID-19 pandemic highlighted one crucial element, the necessity of not only safety, but health. As accidents and health and safety concerns have taken a toll not just on companies' bottom lines but also on employee well-being, how is the industry developing its safety culture to foster a safer working environment that promotes mental health? What regulatory compliance are oil and gas operators putting in place to reduce risks in order to enhance their safety culture? How is data on safety and compliance being used to report ESG performance?

#### Attendee insights:

Health and safety executives from NOCs, IOCs and EPCs will discuss the key indicators of a strong safety culture and how they are working towards a safety programme that prioritises the health and safety of employees.



**Jessica Jackson**  
Vice President of  
Environment, Health  
and Safety  
Apache



**Wael Amin**  
Head of HSE  
Kuwait Energy Egypt



**Alexandra Thomas**  
Managing Director  
Egypt  
Neptune Energy



**Dr. Yasser Hassan**  
Safety & Environment  
Manager  
Shell Egypt



**Moderator  
Hussein El Ghazzawy**  
Chairman  
Coxswains for Marketing  
& Commercial Trading

16:30 – 17:30

## EGYPS 2023 Sustainability in Energy Awards Ceremony

VIEW THE AWARDS JURY MEMBERS

[www.egyptpetroleumshow.com/sieawardsjury](http://www.egyptpetroleumshow.com/sieawardsjury)

## AWARDS FINALISTS



### BEST ENVIRONMENTAL PROJECT OF THE YEAR

SPONSORED BY



**Baker Hughes**

Integrated watershed management and soil carbon content enhancement project



Desalination plant freshwater withdrawal reducing project

**Baker Hughes**

Reducing carbon through management of fleet of global motor vehicles project

Liquefied Natural Gas  
**Egyptian LNG**

Emissions reduction and improving energy efficiency project



### BEST CSR PROJECT OF THE YEAR



Corporate social responsibility project



Girls make empowering girls to be future innovators project



In-country applied technology education project



Delivering excellence to our host communities project



### BEST HEALTH PROJECT OF THE YEAR

SPONSORED BY

**HALLIBURTON**



Accessible and affordable healthcare to local communities project



Food safety and hygiene management in remote locations project



Health risk assessment (HRA) project



Enhancing production of biosurfactants by oil-degrading bacterial isolates project



### BEST SAFETY PROJECT OF THE YEAR

SPONSORED BY



Suez Depot technical truck inspection centre project



Process safety management framework for the Egyptian oil and gas sector project



Process safety management project



The war against LOPCs to reverse current trends project



### BEST DIGITALISATION PROJECT OF THE YEAR

SPONSORED BY



Real-time user-friendly application for production optimisation project

Liquefied Natural Gas  
**Egyptian LNG**

HSE barrier management dashboard project



HSE suite software for integrated system management project

**Baker Hughes**

Multi-sensor data assimilation and model-driven analytics project

# **FINANCE & INVESTMENT IN ENERGY CONFERENCE**

---

**WEDNESDAY 15 FEBRUARY 2023**

**[EGYPTPS.COM/FIE](https://egyptps.com/fie)**

# CONFERENCE AGENDA

Wednesday 15 February 2023

10:00 – 10:15

## Ministerial Keynote Speech

### Transforming Egypt into a regional energy trading hub

Egypt is increasing its liquefied natural gas (LNG) exports to help solve Europe’s energy challenges, following disruption to supply amidst geopolitical tensions, with the Ministry of Petroleum and Mineral Resources declaring that Egypt aims to export \$8.5 to \$10 billion worth of natural gas during the fiscal year 2022/23. This keynote speech will outline Egypt’s prospects in the global LNG market as well as the government’s strategy to attract regional FDI in the aftermath of geopolitical instability.

#### Attendee Insights:

This Keynote will provide insights on investment opportunities as part of Egypt’s strategic roadmap to establish itself as a regional energy trading hub and exporter of gas and LNG globally.

10:15 – 11:00

## Panel Discussion

### Capitalising on investment opportunities in North Africa and the East Mediterranean

The West’s sanctions against Russia have prompted Europe to reduce its dependence on a single oil and gas supplier. In response to the current energy crisis, the EU is turning to the North African and East European region for gas supplies to satisfy short-term needs. With its abundant resources and strategic location, how is the region taking advantage of this opportunity? And what opportunities are there for investors?

#### Attendee Insights:

Financial and economic experts will provide a deep dive on the potential investment opportunities in the current energy landscape with ongoing geopolitical instabilities.



**Naser Al Hajri**  
Senior Vice President  
Non-Operated Assets  
Mubadala Energy



**Eng Alaa Elbatal**  
Chief Executive Officer  
Egyptian General  
Petroleum Corporation  
(EGPC)



**Moderator  
Ross Cassidy**  
Vice President Middle  
East and North Africa  
Welligence Energy  
Analytics



# CONFERENCE AGENDA

Wednesday 15 February 2023

11:00 – 11:45

## Panel Discussion

### Solving Europe's gas supply in the short and long term through targeted investments

As Europe braces for a challenging winter amidst current geopolitical unrest, global natural gas markets are projected to remain tight well into 2023 due to the industry's lack of investment in LNG. With the EU looking to secure alternative supplies and reduce its dependency on Russian gas, demand for LNG is anticipated to increase 150% between 2022 and 2040.

There has been a recent ramp-up in new supply projects to strengthen Europe's energy security in the short term, with investment only likely to accelerate. But in the long run, what investment decisions should policymakers undertake to rebalance Europe's natural gas market with dependable, affordable, and sustainable energy?

#### Attendee Insights:

Energy leaders will examine strategies and the required investment needed that will allow Europe to transition away from dependence on Russian gas and ensure energy security while continuing to reach net-zero emissions by 2050.



**Anastasios Vlassopoulos**  
CEO and Head of E&P  
Business Unit  
Hellenic Petroleum  
Upstream



**Rouzbeh Fazlinejad**  
Managing Director  
Head of MENA Oil & Gas  
Houlihan Lokey



**Paul Sullivan**  
Senior Vice President  
Global LNG & FLNG  
Worley



**Michael Thomadakis**  
Strategy & Development  
Division Director  
DESFA



**Dr. Lamiaa Abo Shahba**  
General Manager of Gas  
Market Activities  
EGAS



**Moderator**  
**Giacomo Matarazzo**  
Head Asset Management  
Extra-EU & Commercial  
& Operation Coordination  
SNAM

11:45–12:30

## Panel Discussion

### Accelerating decarbonisation and energy security through public private partnerships

NOCs in the North Africa and East Mediterranean region are extensively using the public-private partnership (PPP) financing model to gain access to private capital and new expertise. Several significant international collaborations have recently been formed in the region with projects aimed to support climate change strategies; but can public-private partnerships be the key to attracting more foreign investments in decarbonisation and energy efficiency technologies? Will the region's public-private partnerships expand to fund future projects and achieve energy security?

#### Attendee Insights:

This panel will discuss the role of public-private partnerships in delivering long-term oil, gas and energy infrastructure projects while examining the investment models that enable governments to achieve energy security without having to increase direct state capital spending.



**Mateus da Costa**  
Director of Exploration  
and Research Innovations  
National Authority of  
Petroleum and Minerals  
(ANPM)



**Ahmed Moharram**  
Founder and  
Managing Director  
Anchorage  
Investments Ltd.



**Haytham Ibrahim**  
Finance Manager &  
Deputy General Manager  
Enap Sipetrol



**David Chi**  
Vice President of Egypt  
Assets and Country  
Manager  
Apache



**Tameer Nasser**  
Managing Director,  
Northeast  
Africa  
Baker Hughes



**Moderator**  
**Eithne Treanor**  
Presenter  
EGYPS 2023

# CONFERENCE AGENDA

Wednesday 15 February 2023

12:30 – 13:30 Lunch

## Panel Discussion

13:30 – 14:15

### Overcoming the market impacts of ESG investment constraints

With oil and gas ESG benchmarks a major factor for banks and investors, these conditions continue to affect the industry's access to capital. With ongoing calls for ESG criteria standardisation and a consistent set of reporting disclosure, how are oil and gas companies managing short-term investment needs? Is sustainability-linked finance the solution? And long-term, where will oil and gas investment come from when banks and private equity firms cease funding?

#### Attendee Insights:

A must attend session for energy leaders and investors to develop a holistic view of ESG reporting standards to ensure the long-term survival of the industry.



**Kevin Hou**  
Financing Director  
UEGL, Hong Kong



**Hind Chawki**  
Head of Financial Market,  
MENAP, and ESG Lead  
for Global Credit Markets  
Standard Chartered  
Bank



**Yusra Assaker**  
Senior Energy Specialist  
The World Bank



**Helmy Ghazi**  
Deputy CEO & Head of  
Global Banking Egypt  
HSBC



**Anass Joundy**  
Associate Director and  
Natural Resources Lead  
South and East  
Mediterranean Region  
EBRD



**Moderator**  
**Ahmed I. Mokhtar**  
Managing Director  
NBK Capital AM Egypt

14:15 – 15:00

## Panel Discussion

### Africa Focus: The role of natural gas to drive economic growth and reduce energy poverty

Energy access is the primary factor in boosting African countries' economic and social growth. According to reports, more than 600 million people in Africa lack access to energy and clean cooking solutions. Natural gas resources have been suggested as a solution to energy poverty by African leaders, with Africa owning over 9% of the world's gas reserves and generating around 6% of global natural gas. What are the financial challenges in building new gas infrastructure in developing countries? How can government bodies and investors eradicate energy poverty through green finance?

#### Attendee Insights:

This session examines the prospects and constraints for natural gas investment to foster economic growth and alleviate energy poverty.



**Zakaria Dosso**  
Managing Director  
Africa Energy  
Investments Corporation  
APPO



**Taiwo Okwor**  
Vice President  
Africa Finance  
Corporation



**HRH Princess Moradeun  
Ogunlana**  
Founder and CEO  
AWHPI Global Foundation



**Helen Aigbe Brume**  
Director for Project &  
Asset Based Finance  
African Export Import  
Bank



**Lee Shouse**  
Vice President of  
Engineering and Integrity  
Management  
Paxon Energy &  
Infrastructure



**Moderator**  
**Yagouba Traore**  
Head of Policy  
Planning Strategy  
African Energy  
Commission (AFREC)

# CONFERENCE AGENDA

Wednesday 15 February 2023

15:00 – 15:45

## Panel Discussion

### Financing the Energy Transition

Following the Paris agreement, governments and policymakers remain committed towards driving a global transition to clean energy. It is estimated that the cumulative investment on physical assets to accelerate net-zero, being approximately \$9.2 trillion through to 2050, including technology, infrastructure, and natural resources. The question is how global economies can deploy capital and prioritise the investment decisions needed to accelerate the transition. What technologies must companies invest in and implement into their business models to minimise greenhouse gas emissions?

Global net-zero targets can only be achieved if sustainable financing is available to help developing nations achieve decarbonisation – what regulatory frameworks are required to enable a just and affordable energy transition for emerging economies?

#### Attendee Insights:

Financiers and climate experts will examine the importance of balancing investment priorities to ensure an affordable, accelerated just transition.



**Evan Genaud**  
Chief Technical Officer  
IPR Energy Group



**Malak El Shishiny**  
Investment Director  
Hassan Allam Utilities



**Hussein Ibrahim Hamed**  
Africa Segment  
Vice President  
Energies and Chemicals  
Schneider Electric



**Randa El Borollossy**  
Investment Officer  
IFC



**Nicolas Thevenot**  
Managing Director  
Corporate Banking  
Arab Petroleum  
Investments Corporation  
(APICORP)



**Moderator**  
**Ahmed I. Mokhtar**  
Managing Director  
NBK Capital AM Egypt

15:45–16:30

## Panel Discussion

### The evolving role of a CFO as a catalyst for digital transformation

The role of a CFO and finance department has changed as a result of the oil and gas industry's adoption of digitalisation in order to keep up with the ongoing developments of new digital transformation operations that are restructuring the operating landscape and reaping the benefits of increased productivity, higher efficiency, and increased cost savings. What essential elements must be reported to internal stakeholders in order to shift attitudes towards digital transformation? How can CFOs ensure a return on investment through digitalisation whilst also considering net-zero targets?

#### Attendee Insights:

This discussion will evaluate the evolving role of CFOs and finance departments to drive digitalisation across the business for revenue optimisation, organisational efficiency and financial reporting transparency.



**Ahmad Ali BinObood**  
Chief Financial Officer  
Dragon Oil



**Sherif El Zeiny**  
Vice President and  
Group Chief  
Financial Officer  
Elsewedy Electric Group



**Giuseppe Vischetti**  
Head of Finance  
Energean Egypt



**Daniel Bates**  
Upstream Portfolio  
Development Controller  
ExxonMobil



**Moderator**  
**Eithne Treanor**  
Presenter  
EGYPS 2023

# dmg::events

CONNECTING THE GLOBAL ENERGY COMMUNITY



28 February –  
2 March 2023



25 – 27 April 2023



World Utilities  
Congress

8 – 10 May 2023



HYDROGEN | LNG | GAS  
ASIA PACIFIC  
ENERGY SUMMIT  
PATHWAY TO NET-ZERO

9 – 11 May 2023



CANADA GAS & LNG  
EXHIBITION & CONFERENCE

9 – 11 May 2023



17 – 19 May 2023



17 – 19 May 2023



30 – 1 June 2023



13 – 15 June 2023



8<sup>th</sup> EDITION  
CHINA LNG & GAS  
INTERNATIONAL  
SUMMIT & EXHIBITION

14 – 16 June 2023



2 – 6 July 2023



5 - 8 September 2023



5 - 8 September 2023



5 - 8 September 2023



CARBON CAPTURE CANADA  
CANADA'S NATIONAL CCUS CONVENTION

12 – 14 September 2023



20 – 21 September 2023



26 – 28 September 2023



27 – 28 September 2023



2 – 5 October 2023



2 – 5 October 2023



2 – 5 October 2023



2 – 5 October 2023



2 – 5 October 2023



AMERICAS ENERGY  
SUMMIT & EXHIBITION  
LNG | GAS | HYDROGEN | CCUS

31 October  
– 3 November 2023



World LNG  
Summit & Awards

28 November -  
1 December 2023



4 – 7 December 2023



PLASTEX

9 – 12 January 2024



EGYPS  
EGYPT PETROLEUM SHOW

12 – 14 February 2024



ISA Calgary Show

April 2024



INTERNATIONAL  
PIPELINE expo

24 – 26 September 2024

# EQUALITY IN ENERGY CONFERENCE & AWARDS

---

WEDNESDAY 15 FEBRUARY 2023

[EGYPT.COM/EIE](https://egypt.com/eie)

# CONFERENCE AGENDA

Wednesday 15 February 2023

10:00 - 10:15

## Keynote address

### Reinventing the workplace and workforce of the future

Digital transformation, a global pandemic and a growing movement in gender equality has led to a mainstream cultural shift in leadership and organisational change, heralding a new era for the traditional workforce and physical workplace across all industries.

#### Attendee Insights:

This keynote will highlight the positive changes businesses and industries are implementing globally to create flexible and engaging working environments that attract, empower and inspire the workforce and provide a better-quality work-life balance.



**Petra Angstmann**  
Senior Vice President  
Global Human Resources  
Wintershall Dea

10:15 - 11:00

## Panel discussion

### Building a net zero-ready workforce

Whilst globally, addressing climate change has become both a necessity and priority, the energy sector is on its own journey to decarbonise, reduce GHG emissions and reach next zero by 2050. To deliver upon these ambitions requires a workforce that has both legacy skillsets and new digital talents.

At the same time, the industry must address the 'great resignation' which has seen record numbers of skilled employees leaving their jobs and the industry since the pandemic began. How are businesses attracting these highly experienced employees back to their companies and the industry?

#### Attendee Insights:

A vital discussion that will address efforts to counteract the 'great resignation' and pinpoint what the future workforce will look like as the adoption of digitalisation and energy transition efforts accelerate. Panelists will share insights on the latest market trends and how conventional jobs are evolving, and new career paths are emerging to be more harmonised with technology and the environment to support low carbon business models.



**Moath Al Rawi**  
Chief Executive Officer  
ARGAS



**Gaydaa Elfakahany**  
Head of Human  
Resources and  
Administration Division  
thyssenkrupp Industrial  
Solutions Egypt



**Moderator  
Eithne Treanor**  
Presenter  
EGYPS 2023

# CONFERENCE AGENDA

Wednesday 15 February 2023

11:00 - 11:45

## Panel discussion

### Harnessing the power of change management for an agile culture

Change management is paramount to the success and prosperity of businesses, and the energy sector is no exception. The digital revolution, the growing move towards deploying clean energy initiatives and the radical shift to how physical and remote workplaces, continue to come together to unite and create change. Organisations are already undergoing internal transformations to influence effective human resource management, employee performance, collaboration, innovation and above all, profitability.

#### Attendee insights:

This session will highlight the enablers, motivators and barriers to effective change. Executives and leaders will gain insights into the best practices and importance of successful change management across the energy industry.



**Brandy Jones**  
Vice President  
Human Resources  
Apache



**Latifa Aal Said**  
Global DEI Director &  
TPS HR Director MENATI  
Baker Hughes



**Edgar da Costa**  
Director of Finance,  
Procurement, and Information  
& Communication Technology  
National Authority of  
Petroleum and Minerals  
(ANPM)



**Dr. Sherif Aboelgheit**  
General Manager  
Procurements and  
Supervising HR Division  
ENPPI



**Celestina Raggi**  
Vice President  
of Human Resources  
for Middle East & Africa  
Emerson



**Ahmed Farid**  
Regional HR Manager  
Shell



**Moderator  
Sofija Janosevic**  
Human Resources  
Director  
The Energy Year

11:45 - 12:30

## Panel discussion

### Attracting Millennials and Gen Z into the energy sector

Digital transformation, industry 4.0, the move towards decarbonisation and improving equality across the workforce are all factors driving the need for a steady flow of STEM-educated Millennials and Gen Z digital natives to bring about change. But is the industry attractive enough? And what is the industry doing to become more appealing?

#### Attendee insights:

This session will highlight the importance of the industry employee value proposition and its ongoing image rebranding as businesses compete to attract diversity centric, tech savvy and environmentally conscious new recruits.



**Manal Messiha**  
Vice President Customer  
Satisfaction & Quality  
Schneider Electric



**Aldo Costantini**  
General Manager &  
Managing Director  
Energean AQP



**Abubakr Ibrahim**  
Vice President  
& General Manager  
IPR Energy



**Salma Al Hajeri**  
Regional Vice President  
East-Med & North Africa  
Operations MENA  
& Russia  
Mubadala Energy



**Soukaina Chefchaouni**  
Legal Counsel for  
North Africa  
ENGIE



**Moderator  
Enas Shabana**  
Communications & Media  
Relations Specialist  
East Mediterranean Gas  
Forum (EMGF)

## CONFERENCE AGENDA

Wednesday 15 February 2023

13:30 – 14:15

### EGYPS 2023 Equality in Energy Awards Ceremony

14:15 – 15:00

### Lightning talks and audience Q&A

#### The digital future: closing the skills gap

Automation, analytics, modelling and data science are just some of the many areas the industry is digitalising to increase efficiency and productivity across the oil, gas and energy value chain. Today's top engineering experts and digital talent are improving productivity, boosting efficiency and delivering enhanced connectivity for remote facilities. How can the oil and gas industry close the digital skills gap in order to navigate the energy transition? What can the industry do to ensure that graduates with the digital skills necessary for a low-carbon future enter the workforce?



**Fatema Choudhury**  
Chief Operating Officer  
Magellan X

#### Managing the unconscious bias in pay and promotion

Unconscious bias in the workplace traditionally affects how women and minority groups are perceived, recognised and financially rewarded. Based on stereotyping, it can affect career progression, recruitment, performance reviews and create unfair working conditions. What steps are businesses and individuals taking to ensure unconscious bias is addressed? How are managers leading and ensuring change and transparency?



**Juliette Murray Lamotte**  
Middle East and North  
Africa Human Resources  
Manager  
SLB

#### Creating an equitable, diverse and inclusive culture for a greener future

Organisations are continuously evolving their leadership and business models to ensure untapped potentials are harnessed, particularly in the green economy. Evidence clearly demonstrates that a diverse and inclusive workforce fosters profit and innovation, yet only a tiny proportion of women continue to enter the energy industry despite the vast cohort of STEM graduates, especially when we consider the Arab States region as an example. Increasing diversity in the workforce will have significant benefits for the industry, and society at large, as varied and innovative ideas are key to finding new solutions to address the Climate Crisis. What more can be done to promote equality and diversity as the sector transitions to clean energy?



**Susanne Mikhail  
Eldhagen**  
Regional Director  
UN Women Office for  
the Arab States

# CONFERENCE AGENDA

Wednesday 15 February 2023

15:00 – 15:45

## Panel discussion

### Gender equality and the role of women in the clean energy transition

Women are considered powerful change agents and essential drivers in the clean energy transition conversation. Equality in energy and women empowerment not only accelerates the successful transition and growth of the industry, but also adds to the global efforts to realise the UN Sustainable Development Goals (SDGs).

#### Attendee insights:

This session will highlight the significance of equality and empowerment across the industry to deliver upon growth and positively impact upon innovation and competitive business advantage



**Eleanor Rowley**  
Managing Director  
Egypt  
Capricorn Energy



**Amru Alabidi**  
Senior Vice President  
Oman, UAE, Iraq and  
North Africa  
Worley



**Lamé Verre**  
Co-founder & Board  
Co-chair  
Lean-in Equity &  
Sustainability  
Worley



**Marla Wright**  
Global Business  
Development Manager  
Bechtel



**Moderator  
Eithne Treanor**  
Presenter  
EGYPS 2023



## AWARDS FINALISTS



### WOMEN IN LEADERSHIP

SPONSORED BY Capricorn



**Shahira Osman**  
 Regional Branded  
 Workshops Channel Manager



**Heba Rezk**  
 Senior Commercial  
 Manager



**Omnia Bekheit**  
 Investment and Financial  
 Planning General Manager



**Sherine Soliman**  
 Marine Channel  
 Manager



### STEM STAR OF THE YEAR

SPONSORED BY Enppi



**Marwa Maghraby**  
 Process Engineer



**Mariam Shreif**  
 Student



### NEX-GEN FEMALE OF THE YEAR

SPONSORED BY Apache



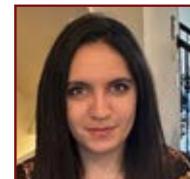
**Maureen Amir**  
 Completions Engineer



**Sherin Ismail**  
 Associate Technical  
 Professional



**Lamees Sultan**  
 Offshore Site Engineer



**Miral Tawfik**  
 Reservoir Engineer



**VIEW THE AWARDS JURY MEMBERS**

[www.egyps.com/eieawardsjury](http://www.egyps.com/eieawardsjury)

# TECHNICAL CONFERENCE

---

13 - 15 FEBRUARY 2023

[EGYPS.COM/TC](https://EGYPS.COM/TC)

## Day 1: Monday 13 February 2023



CATEGORY: HEALTH AND SAFETY (HS)  
SESSION: 1  
TITLE: DIGITAL TOOLS TO IMPROVE  
HEALTH AND SAFETY  
LOCATION: ROOM 1



CATEGORY: PROJECT MANAGEMENT  
AND EXECUTION (PM)  
SESSION: 2  
TITLE: TACKLING PROJECT EXECUTION  
CHALLENGES  
LOCATION: ROOM 2

### CO-CHAIRS

Wael Amin, Head of HSE, Kuwait Energy Egypt  
Benson Egbeverie, HSE Director, Egyptian  
Liquefied Natural Gas

### CO-CHAIRS

Moataz Dawood, Project Delivery Manager –  
Harmattan Deep, Shell Egypt  
Mahmoud Galal, Executive Assistant General  
Manager for Development, Petrojet

### PRESENTATION TITLES AND SPEAKERS

11:30-11:50 How to improve health and safety  
in the energy industry by using  
connected wearable technology  
Samy Karam Gerguis, Regional Sales  
Manager, Blackline Safety Corp

11:30-11:50 How to achieve excellence through  
project execution and cost  
optimisation  
Mohamed Atwa, Engineering  
General Manager Technology  
Manager, Kuwait Energy Egypt

11:50-12:10 Using fuzzy logic in risk assessment:  
application on above ground  
gasoline tank alarm system  
Ahmed Kamel, Lead Health, Safety  
and Environmental Engineer,  
SYSTRA

11:50-12:10 Tackling of Atoll-4 and Qattameya  
projects challenges  
Walid A. Khalek, Offshore Projects  
General Manager, Pharaonic  
Petroleum Company (PhPC)

12:10-12:30 HSE incident prediction using ai in  
the oil and gas industry  
Ahmed El-Maraghi, Petroleum  
Engineer, Qarun Petroleum  
Company

12:10-12:30 Agile project management in energy  
efficiency projects  
Ahmed Ali, Department Manager,  
Egyptian Projects Operation and  
Maintenance (EPROM)

12:30-12:40 Panel Q&A

12:30-12:40 Panel Q&A

## Day 1: Monday 13 February 2023



CATEGORY: PEOPLE AND TALENT DEVELOPMENT (PPL)

SESSION: 3

TITLE: PEOPLE AND TALENT MANAGEMENT

LOCATION: ROOM 3



CATEGORY: OIL AND GAS ECONOMICS, CONCESSION AGREEMENTS AND PROJECT FINANCE (FIN)

SESSION: 4

TITLE: ENERGY ECONOMICS AND BUSINESS DEVELOPMENT

LOCATION: ROOM 4

### CO-CHAIRS

Hesham Kamal, GeoUnit Recruiting Manager, SLB

Mostafa Kortam, Senior Reservoir Engineer, Petrobel

### CO-CHAIRS

Abdelkader Elbadry, Planning and Contracts Administration Manager, Petrobel

Nevine Hussein, Head of Planning, Kuwait Energy Egypt

### PRESENTATION TITLES AND SPEAKERS

11:30-11:50	<p><b>Do not build businesses, build people and people will build businesses</b> Maha Zahran, Risk Management and Strategic Planning Manager, Petrojet</p>	11:30-11:50	<p><b>Energy hub concept</b> Amr Mohamed, Project Controls Engineer, Engineering for Petroleum and Process (Enppi)</p>
11:50-12:10	<p><b>Customised development model for newly hired petroleum engineers to achieve excellence</b> Maqhim Matar, Senior Petroleum Engineer, Kuwait Oil Company</p>	11:50-12:10	<p><b>Techno economic study for flare gas recovery</b> Omar Abdullazez, Technical Office General Assistant Manager, ANRPC</p>
12:10-12:30	<p><b>The impact of succession planning on leadership development</b> Moutaz Nassar, Project Director, Engineering for Petroleum and Process (Enppi)</p>	12:10-12:30	<p><b>Sources of finance to achieve the Egypt 2030 vision</b> Ibrahim El Sihamy, Department Manager, ETHYDCO</p>
12:30-12:50	<p><b>People and talent development</b> Wafaa Tantawy, Head of HR, Kuwait Energy Egypt</p>	12:30-12:40	<p><b>Panel Q&amp;A</b></p>
12:40-12:50	<p><b>Panel Q&amp;A</b></p>		

## Day 1: Monday 13 February 2023



CATEGORY: ENVIRONMENTAL SUSTAINABILITY, CLIMATE CHANGE AND ENERGY TRANSITION (ENV)

SESSION: 5

TITLE: DECARBONISATION AND ENERGY TRANSITION

LOCATION: ROOM 5

### CO-CHAIRS

Mohamed Adel, General Manager, GasReg (Gas Regulatory Authority)

Ahmed Fouad, North Africa Region HSE&C Manager, bp



CATEGORY: HEALTH AND SAFETY (HS)

SESSION: 6

TITLE: EMBRACING THE HEALTH AND SAFETY CULTURE

LOCATION: ROOM 1

### CO-CHAIRS

Rami Khallaf, Senior HSE Manager - SSA Region, Baker Hughes

Lilian Mahfouz, GeoUnit HSE Manager, SLB

## PRESENTATION TITLES AND SPEAKERS

11:30-11:50 Reducing carbon footprint and greenhouse emissions: identification and precise calculation of emissions for decarbonisation  
Rudy Skaff, Performance Optimisation Manager, Siemens Energy

11:50-12:10 Technological pathways for decarbonising petroleum refining and petrochemical plants  
Francesco Cammarata, Vice President, Technip Energies

12:10-12:30 Powering Egyptian petroleum sector with solar energy, opportunities and challenges  
Ahmed Serry, Reservoir Engineer, Belayim Petroleum Company (Petrobel)

12:30-12:50 Net zero carbon intelligent campus  
Mostafa Hazem, Solution Manager, Huawei

12:50-13:00 Panel Q&A

14:30-14:50 Serious injuries and fatalities: a study of data and prevention strategies  
David Bibby, Senior Director, ISN

14:50-15:10 Formulating rescue department for responding to emergency cases during working at height & confined space entry  
Fathy Abdelwahab, HSE Representative for Eastern Branch, Egyptian Maintenance Company

15:10-15:30 BAPETCO food safety and hygiene practice at remote locations  
Maha Mohie, Occupational Health Section Head, Badr El Den Petroleum Company

15:30-15:40 Panel Q&A

## Day 1: Monday 13 February 2023



CATEGORY: PROJECT MANAGEMENT AND EXECUTION (PM)

SESSION: 7

TITLE: INNOVATION IN PROJECT MANAGEMENT

LOCATION: ROOM 2



CATEGORY: PEOPLE AND TALENT DEVELOPMENT (PPL)

SESSION: 8

TITLE: TALENT ACQUISITION STRATEGIES

LOCATION: ROOM 3

### CO-CHAIRS

Mahmoud Hegazy, Head of Operation, Kuwait Energy Egypt

Sharif Tolba, OFS Account Director, SLB

### CO-CHAIRS

Hesham Kamal, GeoUnit Recruiting Manager, SLB

Wafaa Tantawy, Head of HR, Kuwait Energy Egypt

### PRESENTATION TITLES AND SPEAKERS

14:30-14:50	An expert system for enhanced accuracy of cost estimating in EPC/turn-key projects Mahmoud Sami, Cost Engineer, Engineering for Petroleum and Process (Enppi)	14:30-14:50	How to use latest assessment techniques to develop employees? Randa Onsy, HR Manager, Engineering for Petroleum and Process (Enppi)
14:50-15:10	Reduce costs and improve efficiency across the CAPEX lifecycle Hisham Gouda, Chief Solution Expert, SAP	14:50-15:10	The role of technical professional contribution in talent development Shuhada Md Rifin, Staff (Upstream Production Planning), PETRONAS
15:10-15:30	Building information modelling: project management; design Queen Lydia Shangu, Founder and Managing Director, Shangu Business Services South Africa	15:10-15:30	The impact of psychological contract on employee performance in the Egyptian oil and gas companies. A case study in Pharaonic Petroleum Company (PhPC) Sara Amer, Payroll Department Head, Pharaonic Petroleum Company (PhPC)
15:30-15:50	Forward-thinking: security and operations management in a changing world Amelia Rocos, Senior Risk Management Analyst, Diaplous Group	15:30-15:40	Panel Q&A
15:50-16:00	Panel Q&A		

## Day 1: Monday 13 February 2023



CATEGORY: GEOSCIENCE: UPSTREAM TECHNOLOGY DEVELOPMENTS (GEOT)

SESSION: 9

TITLE: UPSTREAM GEOSCIENCE TECHNOLOGY UNLOCKS NEW POTENTIAL

LOCATION: ROOM 4



CATEGORY: ENVIRONMENTAL SUSTAINABILITY, CLIMATE CHANGE AND ENERGY TRANSITION (ENV)

SESSION: 10

TITLE: REDUCING CARBON FOOTPRINT AND GREENHOUSE EMISSIONS

LOCATION: ROOM 5

### CHAIR

Moataz Nady, Exploration Geophysical Advisor, Eni

Mohamed Soliman, Lead Technical Sales – Egypt Reservoir Technical Services, Baker Hughes

### CO-CHAIRS

Mohamed Adel, General Manager, GasReg (Gas Regulatory Authority)

Ahmed Fouad, North Africa Region HSE&C Manager, bp

## PRESENTATION TITLES AND SPEAKERS

14:30-14:50	Unlocking Egypt's West Mediterranean sea Mark Hamilton, Principal Geoscientist, PGS	14:30-14:50	A pragmatic transition to net zero energy production Yasser Gamal-Eldin, Regional Sales Manager, Power Plants – Northeast Africa & Yemen, MAN Energy Solutions – Egypt
14:50-15:10	OBN seismic unlocks new play potential (rejuvenating exploration in the Gulf of Suez through the application of modern wide azimuth OBN seismic technology) Ayman Rehan, Exploration Manager, Neptune Energy	14:50-15:10	Reducing carbon footprint and greenhouse emissions in few steps for quick results and fast ROI Tiziana Paolicelli, Strategic Account Executive, Schneider Electric
15:10-15:30	Seismic data reprocessing to delineate the lower cretaceous complex fault systems using local angle domain migration in Abu Gharadiq basin, Western Desert, Egypt Ahmed Elbassiony, Depth Imaging Supervisor, PetroTrace GeoScience	15:10-15:30	Addressing methane emissions from flaring Ramy Diaa, Region Manager, Baker Hughes
15:30-15:50	Extended elastic impedance and its application in prediction of reservoir and fluid properties for late Messinian reservoir, onshore Nile Delta Egypt Mahmoud Eloribi, Senior Geophysicist, Dana Gas	15:30-15:50	Considerations when co-firing hydrogen with natural gas or oil for carbon emission reduction Wassim Moussaoui, Managing Director, Babcock and Wilcox
15:50-16:00	Panel Q&A	15:50-16:00	Panel Q & A

## Day 2: Tuesday 14 February 2023



CATEGORY: PETROCHEMICALS  
TECHNOLOGY AND OPERATIONS (PET)

SESSION: 11

TITLE: TOWARDS A SUSTAINABLE  
PETROCHEMICAL INDUSTRY

LOCATION: ROOM 1



CATEGORY: OFFSHORE AND MARINE  
PRODUCTION, TECHNOLOGY AND  
OPERATIONS (MAR)

SESSION: 12

TITLE: NEW OFFSHORE  
TECHNOLOGIES RESOLVING  
OPERATIONAL CHALLENGES

LOCATION: ROOM 2

### CO-CHAIRS

Sara Mortada, Assistant General Manager -  
Business Development, Egyptian Petrochemicals  
Holding Company (ECHEM)

### CO-CHAIRS

Mohamed Aly, Project Manager, Pharaonic  
Petroleum Company (PhPC)

Mohamed El-Reedy, General Manager, Gulf of  
Suez Petroleum Company (GUPCO)

### PRESENTATION TITLES AND SPEAKERS

10:00-10:20 **Recovering the activity of ammonia  
synthesis catalysts**  
Mohamed Abdel Atty Ahmed,  
Technical Affairs and Development  
General Manager, Misr Fertilizers  
Production Co. (MOPCO)

10:00-10:20 **Engineering challenges in design  
of jacket for offshore substation  
platform in north sea**  
Jayesh Gandhi, Senior Manager,  
Petrofac International Limited

10:20-10:40 **OPEC World Oil Outlook (WOO  
2022)**  
Mohammed Attaba, Downstream  
Oil Industry Analyst, Organization of  
the Petroleum Exporting Countries  
(OPEC)

10:20-10:40 **Improving operational efficiency  
using a remotely operated pig  
launcher system**  
Daniel McKie, Senior Systems  
Engineer, Baker Hughes

10:40-11:00 **Optimisation of high density  
polyethylene (HDPE) reactor using  
PSDS of chromium catalyst**  
Haitham Omara, Director in  
Polyethylene Lab, Sidi Kerir  
Petrochemicals Company (SIDPEC)

10:40-10:50 **Panel Q&A**

11:00-11:20 **Pygas maximise petrochemicals  
from your steam cracker**  
Manu Van Leuvenhaege,  
Commercial Director, Sulzer

11:20-11:30 **Panel Q&A**

## Day 2: Tuesday 14 February 2023



CATEGORY: DRILLING (DR)  
SESSION: 13  
TITLE: WELLBORE STABILITY AND  
FLUIDS INNOVATION  
LOCATION: ROOM 3



CATEGORY: UPSTREAM: EXPLORATION  
OF UNCONVENTIONAL RESOURCES  
(UNCONV)  
SESSION: 14  
TITLE: INTEGRATING SUBSURFACE  
DATA TO UNLOCK UNCONVENTIONAL  
RESOURCES  
LOCATION: ROOM 4

### CO-CHAIRS

Marwa Alqutt, Drilling Fluids Assistant General  
Manager, Agiba Petroleum Company

Moataz Moussa, Drilling Manager, Kuwait Energy  
Egypt

### CO-CHAIRS

Ahmed Lotfy, Deputy Exploration General  
Manager & Board Member, Kuwait Energy Egypt

Mohamed Said, Reservoir Solutions Manager,  
Baker Hughes

## PRESENTATION TITLES AND SPEAKERS

10:00-10:20 A novel approach to successfully  
implement the managed pressure  
cementing technique in narrow  
pressure window conditions: a case  
study from Saudi Arabia  
Wajid Ali, Technical Support  
Manager - Cementing, TAQA Well  
Services

10:20-10:40 The utilisation of mud cooling and  
managed pressure drilling to drill  
the deepest onshore high-pressure  
high-temperature well in the Nile  
Delta of Egypt  
Mahmoud Elhusseiny, Drilling  
Engineer and Rig Supervisor,  
Egyptian Natural Gas Holding  
Company (EGAS)

10:40-11:00 Geomechanics lessons on hole  
stability management in Kafr El  
Sheikh shale: experience from  
Mediterranean, Egypt  
Ahmed Baghdadi, Geomechanics  
Specialist, Baker Hughes

11:00-11:10 Panel Q&A

10:00-10:20 Effect of stress on permeability  
using modified-Palmer Mansoori  
model  
Devansh Shrivastava, MSc.  
Petroleum Engineering,  
University of Aberdeen

10:20-10:40 New workflow to estimate the  
permeability and saturation high  
function by using the rock typing  
whenever there is a very limited  
core data  
Dr Tharwat Hassane, Head of  
Petroleum and Gas Engineering,  
Egyptian Chinese University (ECU)

10:40-11:00 Petrophysical characterisation and  
oil potentialities of unconventional  
carbonate reservoirs by utilising  
well log analysis and delta log R  
technique, Gemsa field, Egypt  
Ahmed Rashed, Petrophysics  
Department Head, Gemsa  
Petroleum Company (GEMPETCO)

11:00-11:20 Re-evaluation of Thebes  
(carbonate) reservoir and its impact  
on the productivity and its benefits  
in adding new producing zones, Gulf  
of Suez, Egypt  
Ahmed Abd El-Gawad, Petrophysics  
Department Manager, Tharwa  
Petroleum Company

11:20-11:30 Panel Q&A

## Day 2: Tuesday 14 February 2023



**CATEGORY:** HYDROGEN, BIOFUELS, ALTERNATIVE FUELS AND RENEWABLE ENERGY (BIO)

**SESSION:** 15

**TITLE:** RENEWABLE ENERGY: TECHNOLOGY, OPERATIONS, INTEGRATION WITH EXISTING FACILITIES

**LOCATION:** ROOM 5



**CATEGORY:** DOWNSTREAM: REFINING TECHNOLOGY, OPERATIONS AND MARKETING (REF)

**SESSION:** 16

**TITLE:** REFINING DEVELOPMENTS AND ADVANCEMENTS

**LOCATION:** ROOM 1

### CO-CHAIRS

Zacharakis Stathis, Business Development Director, ASPROFOS SA

Nora Zidan, Polymer Technology Engineer, Egyptian Petrochemicals Holding Company (ECHEM)

### CO-CHAIRS

Mohamed Ibrahim, General Manager, Engineering for Petroleum and Process (Enppi)

Mahmoud Ahdy Khairat, Section Head in Operations Department, MIDOR

### PRESENTATION TITLES AND SPEAKERS

10:00-10:20	Designing electric generators to utilise tidal energy for powering conventional offshore oil rigs Mohamed Elshawaf, Well Intervention Engineer, Khalda Petroleum Company	11:30-11:50	AET technology reduces greenhouse gas emissions, decreases costs, improves safety, reduces sulfur in fuels Sumit Agarwal, Business Development and Operations Director, GE3S & AET
10:20-10:40	Solar/diesel hybrid model in the oil and gas sector Mohamed Amer, Drilling Optimization and Technology Engineer, Egyptian General Petroleum Corporation (EGPC)	11:50-12:10	Integrated scheduling including planning targets alignment with operations insights to transform the landscape of supply chain management Hrshikesh Pandya, Senior Solution Consultant, AspenTech
10:40-11:00	Stability enhancement of wind energy conversion based superconducting magnetic energy storage (SMES) systems using archimedes optimisation algorithm (AOA) Dr Hebatallah Khaled Abd El Badie, Senior Electrical Engineer, Engineering for Petroleum and Process (Enppi)	12:10-12:30	Unpurged thermocouples for challenging applications such as sulphur recovery units Islam Heikal, MENA Region Technology Adviser, Daily Thermetrics
11:00-11:10	Panel Q&A	12:30-12:50	Predictive modeling and simulation of hydrocracking unit to study vacuum gas oil (VGO), waste lubricating oil (WLO) and waste cooking oil (WCO) co-hydroprocessing Mohamed Sayed, Lead Process Engineer, Worley
		12:50-13:00	Panel Q&A

## Day 2: Tuesday 14 February 2023



CATEGORY: MIDSTREAM:  
TRANSPORTATION, STORAGE AND  
INFRASTRUCTURE (MID)

SESSION: 17

TITLE: TRANSPORTATION, STORAGE  
AND INFRASTRUCTURE FOR  
MIDSTREAM OPERATIONS

LOCATION: ROOM 2



CATEGORY: DRILLING (DR)

SESSION: 18

TITLE: DRILLING CHALLENGES AND  
OPTIMISATION

LOCATION: ROOM 3

### CO-CHAIRS

Khaled ElGammal, General Manager for LNG/  
Gas Export and Import Activities and Facilities  
Follow-up, Egyptian Natural Gas Holding  
Company (EGAS)

Hesham Elkhafif, Assistant Chairman for  
Technical Affairs, Egyptian Company for Gas  
Services (ECGS)

### CO-CHAIRS

Marwa Alqutt, Drilling Fluids Assistant General  
Manager, Agiba Petroleum Company

Moataz Moussa, Drilling Manager, Kuwait Energy  
Egypt

## PRESENTATION TITLES AND SPEAKERS

11:30 - 11:50 Local production of poly  
(m-aminophenol) soluble in the  
innovative solvent (PONA) as pour  
point depressant for paraffinic  
crude oil  
Hasan Elnagar Hassan Ibrahim,  
Assistant General Manager of  
Operation, ANRPC

11:50-12:10 New philosophy for midstream  
grid development in the East  
Mediterranean region  
Aryeh Nitzan, Midstream Technical  
Manager, Marketing, East  
Mediterranean Business Unit,  
Chevron

12:10-12:30 Hydrogen infrastructure: a review  
of its opportunities and challenges  
from project management  
perspectives  
Sujith Pratap Chandran, Senior  
Project Manager,  
Wintershall Dea AG

12:30-12:50 Early detection of broken bar faults  
in induction motors during the use of  
optimised stockwell transform and  
adaptive time frequency filter  
Mohamed Esam, Electrical  
Engineering Department Head,  
Petroleum Pipeline Company (PPC)

12:50-13:00 Panel Q&A

11:30-11:50 Prediction of downhole drillstring  
vibrations in horizontal wells by  
employing machine learning: Middle  
East case study  
Hany Gamal, Researcher, KFUPM

11:50-12:10 Hybrid drill bit technology mitigates  
drilling issues in Egyptian Western  
Desert deep wells  
Karim Beheiry, Application  
Engineering Lead, Baker Hughes

12:10-12:30 Implementation of dynamic flow  
modeling and simulation of kick  
tolerance in west delta deep marine  
concession of Egypt  
Hany Metwally, Drilling Supervisor/  
Well Control Instructor, Agiba  
Petroleum Company

12:30-12:50 A real-time machine learning based  
bit pull advisory system to reduce  
ILT and NPT events during drilling  
operations  
Michael Behounek, Drilling,  
Completions and Workover  
Performance Manager, Apache  
Corporation

12:50-13:00 Panel Q&A

## Day 2: Tuesday 14 February 2023



CATEGORY: UPSTREAM: EXPLORATION OF UNCONVENTIONAL RESOURCES (UNCONV)

SESSION: 19

TITLE: TAPPING INTO PRODUCTIVITY ENHANCEMENT IN UNCONVENTIONAL RESOURCES

LOCATION: ROOM 4



CATEGORY: HYDROGEN, BIOFUELS, ALTERNATIVE FUELS AND RENEWABLE ENERGY (BIO)

SESSION: 20

TITLE: GREEN AMMONIA AND HYDROGEN PRODUCTION AND USAGE

LOCATION: ROOM 5

### CO-CHAIRS

Noureddien Darhim M., New Technology and Unconventional Resources Lead, Gulf of Suez Petroleum Company (GUPCO)

Dr Tharwat Hassane, Head of Petroleum and Gas Engineering, Egyptian Chinese University (ECU)

### CO-CHAIRS

Zacharakis Stathis, Business Development Director, ASPROFOS SA

Nora Zidan, Polymer Technology Engineer, Egyptian Petrochemicals Holding Company (ECHEM)

### PRESENTATION TITLES AND SPEAKERS

**11:30-11:50** CO2 foam injection in hydrate reservoir for natural-gas production and better subsurface stability  
Vishnu Nair, Assistant Professor, Indian institute of Technology Kharagpur

**11:50-12:10** South Gharib carbonate open door for unexpected unconventional reservoir, Bakr-Amer field, central province, Gulf of Suez, Egypt  
Tamer Remaly, Assistant General Manager, General Petroleum Company (GPC)

**12:10-12:20** Panel Q&A

**11:30-11:50** Green hydrogen (ammonia) outlook-Europe Egypt case opportunities and challenges techno-economic, geopolitical, regulatory filling the gaps study  
Ahmed Abdelhady, Technology Consultant, Formation et Sensibilisation de Luxembourg

**11:50-12:10** Hydrogen and ammonia: a tale of two gases  
Robert Magraw, Operations Manager and Principal Consultant, BakerRisk Europe Limited

**12:10-12:30** Prototype of HCNG fuel system  
Mohamed Al Nagggar, Assistant General Manager, Car Gas

**12:30-12:50** Development of a green ammonia production facility  
Mark Baker, Concept Development Consultant, Petrofac

**12:50-13:00** Panel Q&A

## Day 2: Tuesday 14 February 2023



CATEGORY: DOWNSTREAM: REFINING TECHNOLOGY, OPERATIONS AND MARKETING (REF)

SESSION: 21

TITLE: REFINING INNOVATION AND PROFITABILITY

LOCATION: ROOM 1



CATEGORY: GAS/LNG PROCESSING, OPERATIONS AND TECHNOLOGY (GAS)

SESSION: 22

TITLE: OPERATIONAL SOLUTIONS FOR GAS/LNG PROCESSING

LOCATION: ROOM 2

### CO-CHAIRS

Mohamed Ibrahim, General Manager, Engineering for Petroleum and Process (Enppi)

Mohamed Magdi, Environment & Property Solutions Project Manager, ExxonMobil

### CO-CHAIRS

Hamada Ahmad Frahat, General Manager of Gas Processing Facilities Studies, Egyptian Natural Gas Holding Company (EGAS)

Sally Salah Nasr, Assistant General Manager for NG/LNG Exports and Imports Activities, Egyptian Natural Gas Holding Company (EGAS)

## PRESENTATION TITLES AND SPEAKERS

14:00-14:20 **An overview of refined product market dynamics in a turbulent world**  
Younis Ali Hamza Hirz, Senior Consultant / Director, NexantECA

14:20-14:40 **Innovative software improves crude oil logistics scheduling**  
Aurelio Ferrucci, Executive Vice President, Prometheus SRL

14:40-15:00 **Cost optimisation through the application of high performance surface protection technologies to mission critical equipment in the oil and gas industry**  
Colin Bateman, IGS Director of Business Development EMEA, Integrated Global Services, Inc. (IGS)

15:00-15:20 **Improve refining and olefins margins while reducing carbon emissions**  
Satyadev Susarla, Principal Solution Consultant, Aspentech

15:20-15:30 **Panel Q&A**

14:00-14:20 **Emissions reductions & improving energy efficiency in ELNG**  
Bassem Younes, Senior Process Engineer, ELNG

14:20-14:40 **Robust Gas-to-Power infrastructure design for increased power generation in Nigeria**  
Francis Idachaba, PhD Student, University of North Dakota

14:40-15:00 **Innovation of dealing with high wax content in deep water subsea gas un-piggable pipeline**  
Hassan Mashhour, Senior Process and FA Engineer, Pharaonic Petroleum Company (PhPC)

15:00-15:20 **Gas storage as a step to enhance Egypt regional gas hub role**  
Abd El-Rahman Sayed Hassan, Executive General Manager of Economic Studies and Performance Development Follow-up, Egyptian Natural Gas Company (GASCO)

15:20-15:30 **Panel Q&A**

## Day 2: Tuesday 14 February 2023



**CATEGORY: COMPLETIONS (COMPL)**  
**SESSION: 23**  
**TITLE: PRODUCTION OPTIMISATION THROUGH SMART COMPLETION AND INTERVENTION SOLUTIONS**  
**LOCATION: ROOM 3**



**CATEGORY: OIL AND GAS FIELD DEVELOPMENT (FD)**  
**SESSION: 24**  
**TITLE: ENHANCED OIL RECOVERY (EOR)**  
**LOCATION: ROOM 4**

### CO-CHAIRS

Mohamed Atwa, Engineering General Manager, Kuwait Energy Egypt

Mostafa Kortam, Senior Reservoir Engineer, Petrobel

### CO-CHAIRS

Mahmoud Khalil, Lead Services Specialist- Technical Support, Pressure Pumping Service, Baker Hughes

Shaheen Shaheen, Chairman's Assistant, IPR Energy Group

### PRESENTATION TITLES AND SPEAKERS

14:00-14:20 Barefoot completion of turonian AR/D tight carbonate reservoir opens a new opportunity in Western Desert, Egypt  
 Hesham Mokhtar, Senior Reservoir Engineer, General Petroleum Company (GPC)

14:20-14:40 Idle management technology driving surface completion equipment efficiency and reducing emissions  
 Fabian Bong, Manager Business Development, EKV Power Drives

14:40-15:00 Optimising lower completion in carbonates; barefoot, pre-drilled liner, blank pipe  
 Ming Lei Yeow, Senior Engineer Completion & Lead Well Services, Drilling Department, Mubadala Energy

15:00-15:10 Panel Q&A

14:00-14:20 CO<sub>2</sub> injection pilot project in north Zelten Field, Libya  
 Musbah Abusitta, Senior Reservoir Engineer, Sirte Oil Company

14:20-14:40 A novel microbial enhanced oil recovery technology in enhancing well productivity  
 Darius Shahsavari, Senior Vice President, IPR Energy Group

14:40-15:00 Integrated multiphase lifting (IML), a combined multiphase pump and gas compressor sperimental technology for enhanced oil recovery  
 Lorenzo Verna, Engineer, Bonatti SpA

15:00-15:20 Investigation of biosurfactants production using indigenous bacterial strains isolated from Egyptian oil fields for microbial enhanced oil recovery  
 Hamed Aboelkhair, Assistant Professor, The British University in Egypt

15:20-15:30 Panel Q&A

## Day 2: Tuesday 14 February 2023



CATEGORY: HYDROGEN, BIOFUELS,  
ALTERNATIVE FUELS AND  
RENEWABLE ENERGY (BIO)

SESSION: 25

TITLE: LATEST DEVELOPMENTS IN  
GREEN HYDROGEN

LOCATION: ROOM 5



CATEGORY: DIGITALISATION OF OIL  
AND GAS (DIGI)

SESSION: 26

TITLE: ADVANCED DIGITAL  
TRANSFORMATION INITIATIVES

LOCATION: ROOM 1

### CO-CHAIRS

Manolis Markakis, Senior Director Supply, Exports  
& Operations, Hellenic Petroleum RSSOPP

Zacharakis Stathis, Business Development  
Director, ASPROFOS SA

### CO-CHAIRS

Mohamed Sayed Taha, Automation Leader,  
Engineering for Petroleum and Process (Enppi)

Mahmoud Shihab, Digital & Integration Data  
Scientist, SLB

### PRESENTATION TITLES AND SPEAKERS

14:00-14:20	Green hydrogen in Egypt I Chart new energy future Mohamed Atia, Process Engineer, Egyptian Refining Company (ERC)	15:30-15:50	Remote digital technologies driving innovation – a case study on subsea operations Fouzi Bouillouta, Global PMO Digital Leader, Baker Hughes
14:20-14:40	Refinery corrosion challenges when converting from fossil to renewable feedstock Johan Salwen, Technical Marketing Specialist, Alleima	15:50-16:10	Additive manufacturing on rotating equipment: innovate to face the challenges of the oil & gas industry Matteo Delfino, Innovation Product Manager, Nuovo Pignone Baker Hughes Company
14:40-15:00	State of hydrogen industry in North America Behzad Bigdeli, CEO & Founder, Exponential Advisor	16:10-16:30	Field experience of an innovative downhole wireless communication system Muhammad Arsalan, Petroleum Engineering Specialist, Saudi Aramco
15:00-15:20	Production of green hydrogen, storage and transport of liquefied hydrogen as futuristic fuel Pramod Kumar Mallya, Professor, SNG College of Engineering	16:30-16:40	Panel Q&A
15:20-15:30	Panel Q&A		

## Day 2: Tuesday 14 February 2023



CATEGORY: GAS/LNG PROCESSING, OPERATIONS AND TECHNOLOGY (GAS)

SESSION: 27

TITLE: GAS /LNG NEW INITIATIVES

LOCATION: ROOM 2



CATEGORY: COMPLETIONS (COMPL)

SESSION: 28

TITLE: RESERVOIR PRODUCTIVITY ENHANCEMENT UTILISING INNOVATIVE AL AND STIMULATION TECHNOLOGIES

LOCATION: ROOM 3

### CO-CHAIRS

Hamada Ahmad Frahat, General Manager of Gas Processing Facilities Studies, Egyptian Natural Gas Holding Company (EGAS)

Sally Salah Nasr, Assistant General Manager for NG/LNG Exports and Imports Activities, Egyptian Natural Gas Holding Company (EGAS)

### CO-CHAIRS

Wael Sadek, Lead Application Engineer - CWI, Baker Hughes

Maria Leticia Vazquez, Production Enhancement Business Development Manager, SLB

### PRESENTATION TITLES AND SPEAKERS

15:30-15:50	Off-the-shelf solutions for virtual pipeline methods: tapping the potential of previously wasted gas Olatunde Kadri, Project Development & Engineering Intern, TotalEnergies	15:30-15:50	Innovative foam-assisted gas lift technology for resuscitation of high-salinity and high-GOR oil wells Himanshu Tyagi, Senior Petroleum Engineer, Weatherford
15:50-16:10	The impact of implementing automated monitoring and control systems on improving performance and tightening control and continuous follow-up of transportation and distribution activities in the Egyptian petroleum sector Mahmoud Mazhar, General Manager Assistant, Support and Follow-Up, Automated Control and Monitoring Systems, Egyptian General Petroleum Corporation (EGPC)	15:50-16:10	Enhancement in ESP production of depleted oil reservoirs: case study of the application of slimline ESP in marine production wells with slim bore Bahaa Eldin Elbarky, Completion Engineer, Belayim Petroleum Company (Petrobel)
16:10-16:30	Simulation of sweetening unit in LNG plant Moamen Aly, Operation Engineer, Alexandria Mineral Oil Company (AMOC)	16:10-16:30	Unique case study of CO <sub>2</sub> energised fracturing to enhance production in depleted unconventional reservoir, North Kuwait Kutbuddin Bhatia, Senior Engineer, Halliburton
16:30-16:50	A multi-layered strategy to manage foaming in ultra-sour gas sweetening units Mostafa Shehata, Engineering Consultant, Bryan Research and Engineering LLC	16:30-16:50	Revealing the reservoir baffling performance by mimicking the actual reservoir condition into lab scale Shady Alfay, Lead Reservoir Engineer, Cheiron Petroleum Corporation
16:50-17:00	Panel Q&A	16:50-17:00	Panel Q&A

## Day 2: Tuesday 14 February 2023



CATEGORY: OIL AND GAS FIELD DEVELOPMENT (FD)  
SESSION: 29  
TITLE: RESERVOIR MONITORING AND SURVEILLANCE  
LOCATION: ROOM 4



CATEGORY: HYDROGEN, BIOFUELS, ALTERNATIVE FUELS AND RENEWABLE ENERGY (BIO)  
SESSION: 30  
TITLE: BIOFUELS TECHNOLOGY, PRODUCTION AND USAGE  
LOCATION: ROOM 5

### CO-CHAIRS

Hatem Darwish, Digital Operations Solutions Business Development Manager, SLB

Darius Shamsavari, Senior Vice President, IPR Energy Group

### CO-CHAIRS

Manolis Markakis, Senior Director Supply, Exports & Operations, Hellenic Petroleum RSSOPP

Zacharakis Stathis, Business Development Director, ASPROFOS SA

### PRESENTATION TITLES AND SPEAKERS

15:30-15:50 Role of geomechanics and integrated reservoir characterisation in production enhancement from a heterogeneous carbonate reservoir: a success story from Kuwait  
Ashok Shinde, Senior Geomechanics Engineer, Baker Hughes

15:50-16:10 An integrated approach for the analysis of high rate production data using rate transient analysis on the north west shelf of Australia  
Shareefa AlRashid, Petroleum Engineer, Kufpec

16:10-16:30 ESP performance enhancement and premature failure reduction through esp equipment reliability project in a West Kuwait field - case study from Kuwait  
Mohamed Hassan, Senior Petroleum Engineer, Kuwait Oil Company

16:30-16:40 Panel Q&A

15:30-15:50 Households biogas unit  
Haytham Dbouk, Founder and CEO, Innovating Green Technology

15:50-16:10 Improvement of biogas production using nanoparticles  
Eman Bedair, Administration Manager, PetroGas

16:30-16:40 Panel Q&A

## Day 3: Wednesday 15 February 2023



CATEGORY: DIGITALISATION OF OIL AND GAS (DIGI)

SESSION: 31

TITLE: DATA SCIENCE, PREDICTIVE ANALYTICS AND ARTIFICIAL INTELLIGENCE

LOCATION: ROOM 1



CATEGORY: OPERATIONAL EXCELLENCE (OPEX)

SESSION: 32

TITLE: COST OPTIMISATION AND ASSET INTEGRITY

LOCATION: ROOM 2

### CO-CHAIRS

Mahmoud Shihab, Digital & Integration Data Scientist, SLB

Mohamed Sayed Taha, Automation Leader, Engineering for Petroleum and Process (Enppi)

### CO-CHAIRS

Mohamed Ehab, Transformation and Value Capture Lead, Shell Egypt

Diaa Soheil, Egypt Venture Operations Manager, ExxonMobil

### PRESENTATION TITLES AND SPEAKERS

10:00-10:20 State-of-the-art reservoir properties prediction using log and core based machine learning  
Siti Najmi Farhan Zulkpli, Petrophysicist, Petronas Carigali Sdn. Bhd.

10:20-10:40 AI powered thermography system for the detection of potential corrosion under insulation (CUI)  
Ayman Amer, Engineer I, Saudi Aramco

10:40-11:00 Machine learning to predict geological facies in complex carbonate reservoirs  
Ibrahim Milad, Senior Petrophysicist, bp

11:00-11:20 Utilizing Satellite Imagery and Data Analytics for the monitoring of emissions from methane intensive industries in support of the energy transition  
Lola Odunsi, International Sales Director, GHGSat Inc.

11.20-11.30 Panel Q&A

10:00-10:20 Reducing failure rates for tubing and sucker rods using an innovative solution for coupling coatings  
Nicolae Ionut Octavian Sarbu, Technical Sales Engineer, Tenaris

10:20-10:40 Remediation of oil field fouling through the development and qualification of multifunctional products for simultaneous control of scale, corrosion and iron sulfide  
Narayan Bhandari, Lead Chemist, Championx

10:40-11:00 Successful implementation of gas driven electric power grid project for wells and facilities electrification, yielding GHG emissions and cost benefits  
Mohamed Abdelmonsef, Production Manager, Kuwait Energy Egypt

11:00-11:20 Unlocking oil reserves from non-accessible platforms utilising new generation DSL (first implementation in Egypt)  
Mahmoud Koriesh, Senior Petroleum Engineer, Dragon Oil Egypt

11:20-11:30 Panel Q&A

## Day 3: Wednesday 15 February 2023



CATEGORY: UPSTREAM: EXPLORATION OF CONVENTIONAL RESOURCES (CONV)

SESSION: 33

TITLE: INNOVATION IN PROSPECT EVALUATION

LOCATION: ROOM 3



CATEGORY: OIL AND GAS FIELD DEVELOPMENT (FD)

SESSION: 34

TITLE: UNLOCKING THE POTENTIAL OF MATURE FIELDS

LOCATION: ROOM 4

### CO-CHAIRS

Fareed Ali, Asset Subsurface Manager, Kuwait Energy Egypt

Amr Taqey, Senior Geophysicist, SLB

### CO-CHAIRS

Hassan Gheith, Senior Concept Engineer, Shell Egypt

Titkoon Goh, Vice President Reservoir Management, Development & Engineering, Wintershall Dea

### PRESENTATION TITLES AND SPEAKERS

10:00-10:20	Open acreage deep water exploration potential in the Levantine basin, Egypt Gebriel Saleh, Senior Exploration Geologist, Egypt Upstream Gateway	10:00-10:20	Executing a Subsea Multiphase Compression Project – an Ormen Lange Phase3 Case Study Christophe Viellard, Technical Manager - Subsea Processing, OneSubsea
10:20-10:40	Hydrocarbons characterisation, 1D basin modelling and structural restoration along a 2D seismic regional transect. Abu Qir area, Western Nile Delta-offshore Egypt Matteo Minola, Senior Exploration Geologist, Energean	10:20-10:40	Improving existing perforations efficiency with innovative dynamic underbalance implosion technique, enhances productivity in Ras Budran field, Egypt Maria Leticia Vazquez, Production Enhancement Business Development Manager, SLB
10:40-11:00	Success story driven by understanding of HC migration mechanism in Western Desert, Egypt Amr Hamza, Explorationist, Eni leoc	10:40-10:50	Panel Q&A
11:00-11:20	Hydrothermal venting across the Western Desert - insignificant or very significant? Anne Constant, Principal Geophysicist, Capricorn Energy		
11:20-11:30	Panel Q&A		

## Day 3: Wednesday 15 February 2023

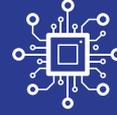


**CATEGORY: ENVIRONMENTAL SUSTAINABILITY, CLIMATE CHANGE AND ENERGY TRANSITION (ENV)**

**SESSION: 35**

**TITLE: CARBON CAPTURE, UTILISATION AND STORAGE (CCUS)**

**LOCATION: ROOM 5**



**CATEGORY: DIGITALISATION OF OIL AND GAS (DIGI)**

**SESSION: 36**

**TITLE: CYBER SECURITY, SAFETY AND AUGMENTED REALITY**

**LOCATION: ROOM 1**

### CO-CHAIRS

Ahmed Ibrahim, Sustainability / Business Integration & MEL Coordinator, Eni leoc

### CO-CHAIRS

Mahmoud Shihab, Digital & Integration Data Scientist, SLB

Mohamed Sayed Taha, Automation Leader, Engineering for Petroleum and Process (Enppi)

### PRESENTATION TITLES AND SPEAKERS

10:00-10:20	Techno-economic comparative feasibility study for carbon dioxide emissions sequestration in Egypt - application in an oilfield in the Western Desert Ahmed Elmezain, Senior Engineer, BAPETCO	11:30-11:50	Staying ahead of the attackers - managed industrial cyber security Sam Miorelli, Head of Industrial Cyber Security, Siemens Energy
10:20-10:40	A simulation study of the effect of post-combustion amine-based carbon-capturing integrated with solar thermal collectors for combined cycle gas power plant Amir Ayyad, DCS Operator, Egyptian Methanex Methanol Company	11:50-12:10	Blockchain, metaverse and AI technologies in equipment engineering and maintenance Ammar Hussein, Founder, TRAVIS
10:40-11:00	Nonthermal plasma to enhance capture and utilisation of carbon dioxide from ambient air Mohamed El Shaer, Professor, Zagazig University	12:10-12:30	Industrial cybersecurity mistakes to avoid in the new normal Mohammed Adel Saad, Global Senior Director OT Cybersecurity, Honeywell International Inc
11:00-11:10	Panel Q&A	12:30-12:50	Building an effective OT SOC Hassan Mourad, Security Services Leader, IBM Egypt
		12:50-13:00	Panel Q&A

## Day 3: Wednesday 15 February 2023



CATEGORY: OPERATIONAL EXCELLENCE (OPEX)  
SESSION: 37  
TITLE: MAINTENANCE AND ASSET INTEGRITY  
LOCATION: ROOM 2



CATEGORY: UPSTREAM: EXPLORATION OF CONVENTIONAL RESOURCES (CONV)  
SESSION: 38  
TITLE: ROCK PHYSICS INSIGHTS  
LOCATION: ROOM 3

### CO-CHAIRS

Mohamed Abdelmonsef, Production Manager, Kuwait Energy Egypt

Mark Doran, Shell Egypt

### CO-CHAIRS

Fareed Ali, Asset Subsurface Manager, Kuwait Energy Egypt

Dr Ahmed Sultan, Petrophysics Department Manager, Tharwa Petroleum Company

## PRESENTATION TITLES AND SPEAKERS

11:30-11:50 Practical approach towards sustainable risk based asset integrity management  
Ahmed Sakr, Asset Integrity Consultant, Det Norske Veritas (DNV)

11:50-12:10 Cumulative risk evaluation approach for safety critical barriers status  
Abdalla Aboualy, Senior Asset Integrity Engineer, RINA Consulting S.p.A.

12:10-12:30 Operations excellence journey – Egyptian LNG case study  
Sherif Elbadaly, Assistant Manager, Operations Improvement, Egyptian LNG

12:30-12:50 Energy Efficiency as a tool for effective maintenance and asset integrity  
Moustafa Elshaarawy, Electrical Department Manager, ANRPC

12:50-13:00 Panel Q&A

11:30-11:50 Improved seismic imaging and interpretation of deep-water oligo-miocene reservoir fairways in the Nile delta – the case for seismic reprocessing  
Edward Habgood, Geoscientist (Technical Team Lead), ExxonMobil

11:50-12:10 Delineating potential hydrocarbon reservoir using seismic avo inversion and reservoir properties prediction. A case study from Marib field, Yemen  
Aya Ibrahim, Reservoir Geophysicist, SLB

12:10-12:30 Maximising hydrocarbon play segment boundary in Bakr-Al Hamd offshore brownfields, Gulf of Suez  
Mayada Sayed, Geological Regional Studies Section Head, General Petroleum Company (GPC)

12:30-12:50 Late cretaceous inversion tectonic evolution and structure configuration in Silah oil field, Western Desert, Egypt  
Nesma Mostafa, Geology Department Section Head, Petrosilah

12:50-13:00 Panel Q&A

## Day 3: Wednesday 15 February 2023



**CATEGORY: OIL AND GAS FIELD DEVELOPMENT (FD)**  
**SESSION: 39**  
**TITLE: PRODUCTION OPTIMISATION AND ENHANCEMENT**  
**LOCATION: ROOM 4**



**CATEGORY: ENVIRONMENTAL SUSTAINABILITY, CLIMATE CHANGE AND ENERGY TRANSITION (ENV)**  
**SESSION: 40**  
**TITLE: CIRCULAR ECONOMY CASE STUDIES**  
**LOCATION: ROOM 5**

### CO-CHAIRS

Hatem Darwish, Digital Operations Solutions Business Development Manager, SLB

Ahmed Rabie, Senior Specialist Reservoir Engineering, Kuwait Energy Egypt

### CO-CHAIRS

Dr Nicolas Droushiotis, Senior Project Engineer, Cyprus Hydrocarbons Company

Ahmed Ibrahim, Sustainability / Business Integration & MEL Coordinator, Eni leoc

### PRESENTATION TITLES AND SPEAKERS

**11:30-11:50** Practical and economical methodology of H<sub>2</sub>S content reduction in mature water supported field: a case study in Gulf of Suez, Egypt  
 Mohamed Abdulmageed, Senior Production Technologist, Gulf of Suez Petroleum Company (GUPCO)

**11:50-12:10** Application of a flow improver to increase production, reduce operating cost and carbon emission at a mature oilfield in the Western Desert Egypt  
 Tri Phan, Senior Staff Engineer, ChampionX

**12:10-12:30** Optimising CAPEX and OPEX for high CO<sub>2</sub> and H<sub>2</sub>S field by using mechanistic corrosion modelling approach  
 Ahmad Fahdlam Saleh, Staff (Corrosion Engineering), PETRONAS

**12:30-12:40** Panel Q&A

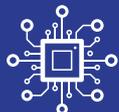
**11:30-11:50** Diversify petrochemicals resources, maximise circularity of plastics: how to close the loop?  
 Ihab Yahia, Products Survey and Pricing Sector Head, Sidi Kerir Petrochemicals Company (SIDPEC)

**11:50-12:10** Waste plastic to low sulphur fuel  
 Mohammed Amir El Hawary, Petroleum Engineering Department Head, Gemsa Petroleum Company (GEMPETCO)

**12:10-12:30** Renewable monomers and circular solutions: closing the loop with circular and bio sourced carbon  
 Nicolas Menet, Business Development Manager, Axens

**12:30-12:40** Panel Q&A

## Day 3: Wednesday 15 February 2023



CATEGORY: DIGITALISATION OF OIL AND GAS (DIGI)

SESSION: 41

TITLE: DIGITAL TWINS AND IOT

LOCATION: ROOM 1



CATEGORY: OPERATIONAL EXCELLENCE (OPEX)

SESSION: 42

TITLE: INTELLIGENT SOLUTIONS AND THE ROLE OF TECHNOLOGY TO ACHIEVE OPERATIONAL EXCELLENCE

LOCATION: ROOM 2

### CO-CHAIRS

Mahmoud Shihab, Digital & Integration Data Scientist, SLB

Mohamed Sayed Taha, Automation Leader, Engineering for Petroleum and Process (Enppi)

### CO-CHAIRS

Mohamed El Guindy, Design Engineer, Productions Systems, SLB

Ahmed Maher, Operation Integrity and HSE Advisor, ExxonMobil

## PRESENTATION TITLES AND SPEAKERS

14:00-14:20	How digital twins and robotics can aid in inspection and maintenance work Adrian Merkel, CEO, FRAMENCE GmbH
14:20-14:40	Integrated online production management system: enhancing the digital oilfield space in India Anshu Kumar, Executive Engineer (Electronics), Oil and Natural Gas Corporation (ONGC)
14:40-15:00	IoT supported continuous emission monitoring systems industrial plants Ahmed Morsi, Instrument and Control Senior Engineer, ANRPC
15:00-15:20	Digital transformation satisfying OT and IT convergence in oil and gas Industry Wang Hao, Managing Director for Energy Sector North Africa Region, Huawei
15:20-15:30	Panel Q&A

14:00-14:20	More efficiency and less power consumption by using permanent magnet motor as an optimised surface drive technology for PCP wells in a Romanian field Gustavo Andres Ariza Gonzalez, Global Product Line Champion – Progressing Cavity Pumping Systems & COROD Continuous Rod, Weatherford
14:20-14:40	Multi-phase virtual flow metering: a step change in production management Shaksham Mishra, Production Operations Engineer, Schlumberger
14:40-15:00	Inspecting flarestack while operational - How drones are increasing flare stack inspection efficiency and reducing downtime Rabih Bou Rached, CEO & Founder, FEDS drone Powered Solutions
15:00-15:20	Integrated technologies for improving asset integrity and production enhancement Aarti Dange, Customer Experience Leader, Emerson Automation Solutions
15:20-15:30	Panel Q&A

## Day 3: Wednesday 15 February 2023



CATEGORY: UPSTREAM: EXPLORATION OF CONVENTIONAL RESOURCES (CONV)

SESSION: 43

TITLE: ADDRESSING RESERVOIR CHARACTERISATION CHALLENGES

LOCATION: ROOM 3



CATEGORY: OIL AND GAS FIELD DEVELOPMENT (FD)

SESSION: 44

TITLE: INTEGRATED RESERVOIR CASE STUDIES

LOCATION: ROOM 4

### CO-CHAIRS

Dr Ahmed Sultan, Petrophysics Department Manager, Tharwa Petroleum Company

Amr Taqey, Senior Geophysicist, SLB

### CO-CHAIRS

Mahmoud Sobhy Fayed, Field Studies and Reservoir Engineering Lead, Gulf of Suez Petroleum Company (GUPCO)

Titkoon Goh, Vice President Reservoir Management, Development & Engineering, Wintershall Dea

### PRESENTATION TITLES AND SPEAKERS

14:00-14:20	Improving oil recovery in cenomanian reservoirs – Western Desert (case study) Diana Helmy, Technical Instructor, Haward Technology
14:20-14:40	De-risking of reservoir uncertainties for multi-stacked channels, captured in 3D geological model: a case study from Simian field, offshore Nile delta, Egypt Rehab Yousry, Production Geologist, Rashpetco
14:40-15:00	A novel approach to define and quantify porosity system in heterogeneous carbonate reservoirs through textural analysis using high resolution resistivity image in bassein formation of Mumbai offshore basin, India Suraj Kumar, Senior Petrophysicist (Wells), Oil and Natural Gas Corporation (ONGC)
15:00-15:10	Panel Q&A

14:00-14:20	A collaborative approach to unlock marginal fields offshore Egypt Mohamad Farid, Global Director – Systems Engineering, Baker Hughes
14:20-14:40	Extensive years of experience after QPC waterflooding. One of the greatest water flooding project in North Africa. What has been learned? Ahmed Hamdy, Engineering Manager, NORPETCO
14:40-15:00	A multiperiod optimisation framework for field planning and development decision-making Kevin Wade, Director Oil & Gas Production Systems, Siemens Process Systems Engineering Limited
15:00-15:20	Applications of geochemistry to reservoir continuity and allocation of commingled production Hossam Ali, Senior Geochemist, StratoChem Services
15:20-15:30	Panel Q&A

## Day 3: Wednesday 15 February 2023



CATEGORY: ENVIRONMENTAL SUSTAINABILITY, CLIMATE CHANGE AND ENERGY TRANSITION (ENV)

SESSION: 45

TITLE: TECHNOLOGY TO ENABLE ENVIRONMENTAL SUSTAINABILITY

LOCATION: ROOM 5

### CO-CHAIRS

Mohamed Adel, General Manager, GasReg (Gas Regulatory Authority)

Ahmed Fouad, North Africa Region HSE&C Manager, bp

### PRESENTATION TITLES AND SPEAKERS

14:00-14:20	Enabling technologies for transitioning to a circular economy Faisal Baksh, Principal Solution Consultant, Aspentech
14:20-14:40	Open innovation platforms for better sustainable business and SMEs' benefit, master thesis research with Dresden University in Germany Abdalla Elsayed, Europe Environment, Safety, Health and Quality Responsible, ENEL X WAY
14:40-15:00	An integrated "zero liquid discharge (ZLD)" system Ahmed Barakat, Senior Operations Engineer, Cairo Oil Refining Company (CORC)
15:00-15:20	Desalination of Brackish water by using RO membranes fabricated from ecofriendly materials Dr Amira Salah Mahmoud, DoD of Environmental Affairs, APRCO
15:20-15:30	Panel Q&A





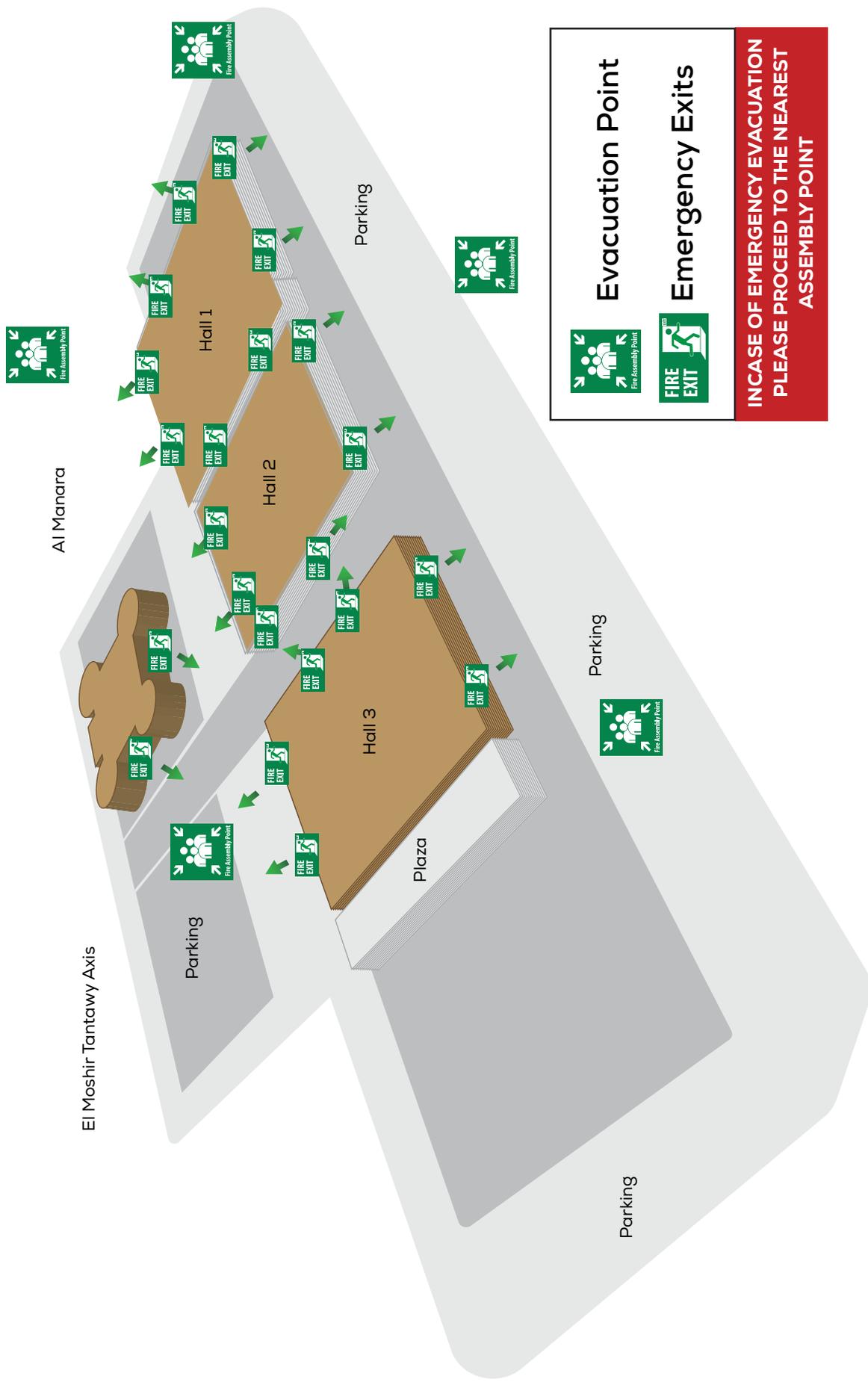
13 - 15 FEBRUARY 2023  
EGYPT INTERNATIONAL EXHIBITION CENTER

SUPPORTED BY



# EVACUATION POINT

EGYPT INTERNATIONAL EXHIBITION CENTER





**Evacuation Point**



**Emergency Exits**

IN CASE OF EMERGENCY EVACUATION  
PLEASE PROCEED TO THE NEAREST  
ASSEMBLY POINT



تحت رعاية فخامة الرئيس عبد الفتاح السيسي رئيس جمهورية مصر العربية  
HELD UNDER THE PATRONAGE OF HIS EXCELLENCY ABDEL FATTAH EL SISI, PRESIDENT OF THE ARAB REPUBLIC OF EGYPT



**13 - 15 FEBRUARY 2023**  
EGYPT INTERNATIONAL EXHIBITION CENTER

SUPPORTED BY



NORTH AFRICA AND THE MEDITERRANEAN:  
SUPPORTING SUSTAINABLE GLOBAL ENERGY  
SUPPLY AND DEMAND

SEE YOU NEXT YEAR  
**12 - 14 FEBRUARY 2024**

TECHNICAL CONFERENCE  
2024 CALL FOR PAPERS

**NOW OPEN**

**SUBMIT YOUR ABSTRACTS TODAY**

[WWW.EGYPS.COM/CFP](http://WWW.EGYPS.COM/CFP)