



**OFFICIAL MEDIA PARTNER** 



17 - 19 FEBRUARY 2025 | EGYPT INTERNATIONAL EXHIBITION CENTER

### SHOW PREVIEW

### BUILDING A SECURE AND SUSTAINABLE ENERGY FUTURE

HE Karim Badawi: Pioneering Egypt's vision for energy leadership **P.4-5**  OPEC Secretary General: Our energy future is about all energies **P.6-7**  Apache: Egyptian expertise at the heart of sustainable growth strategy **P.32** 







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Our energy future is about all-energies, alltechnologies and allpeoples





Harnessing clean energy tech to power the Mediterranean

global energy transition and net zero



STRATEGIC CONFERENCE SUSTAINABILITY IN ENERGY CONFERENCE FINANCE & INVESTMENT IN ENERGY CONFERENCE AFRICAN DIALOGUE CONFERENCE LEADERSHIP & DEVELOPMENT CONFERENCE TECHNICAL CONFERENCE

P.10-13 EVENT OVERVIEW



### innovation helps power progress

Pushing new ideas to solve energy challenges is progress at work. At Chevron, we're applying technology in innovative ways to explore what's possible. This includes developing cutting-edge software to analyze data more effectively, as well as partnering with universities and research institutions to help pioneer new solutions. All to fuel innovation that helps us meet the world's energy demands now and for many years to come.

learn more at Chevron.com

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### OFFICIAL PRESIDENTIAL OPENING CEREMONY ANNOUNCEMENT

### FOSTERING COLLABORATION AND GROWTH **ACROSS THE EAST MEDITERRANEAN**

Monday 17 February 2025

**HIS EXCELLENCY** ABDEL FATTAH EL SISI PRESIDENT **RAB REPUBLIC OF EGYPT** 



**HIS EXCELLENCY** NIKOS CHRISTODOULIDES PRESIDENT **REPUBLIC OF CYPRUS** 



### TRANSFORMING EGYPT'S ENERGY FUTURE Tuesday 18 February 2025 | Roundtable

HOST

HIS EXCELLENCY MOSTAFA MADBOULY PRIME MINISTER

**ARAB REPUBLIC OF EGYPT** 



The **EGYPES 2025 Show Preview** brings you exclusive insights 17-19 February 2025 in Cairo.

P.6-7

**Exclusive interview with His Excellency Karim Badawi** Egypt's Minister of Petroleum and Mineral Resources







Collaboration drives the energy transition in East Med and Africa



Empowering Africa and the East Med through transformation



Driving energy growth and sustainability in Egypt and beyond

### **CONFERENCES**



Associate Vice Preside Luis Euan luiseuan@dmgevents.con

Senior Marketing Manage Michaela Pennington michaelapen Digital Media Sales Manage Priyanshu Ranjan priyanshuranjan@dmo

Day 1 - Monday 17 February 2025 | 14:00-19:00 Day 2 - Tuesday 18 February 2025 | 10:00-19:00 Day 3 - Wednesday 19 February 2025 | 10:00-18:00

SHOW TIMINGS FOR EGYPES 2025

Editor-In-Chief Chiranjib Sengupta chiranjibsengupta@d

(1)

Edito Nour Eltigani noure

Art & Design Cris Malapitar Chris Howlett



Energy Connects

### WELCOME MESSAGE

### Welcome to Cairo... Egypt



gypt has always held a prominent global position, being the centre of culture and trade with its unique location connecting North Africa, Europe and the Middle East. It enjoys an exquisite feeling, blending ancient and modern civilizations, thus producing incomparable cultural vibes.

The past few years were exceptional ones, with many changes on both the domestic and global scenes, some of which caused turbulences, while others advanced us further towards a sustainable cleaner future.

All indicating that "Energy" is the main factor to ensure communities around the world sustain their livelihood and flourishment.

Since mid-2024, the newly appointed Egyptian government has set multiple reforms and is working collaboratively to enhance energy production and attract investments to further drive economic growth.

This February, we are pleased to welcome you to the 8th edition of Egypt Energy Show, "EGYPES" hosted under the patronage and privileged by the presence of His Excellency Abdel Fattah El Sisi, President of the Arab Republic of Egypt's goal is to play a prominent role in global energy trade flow and foster an environment that simulates better trade and business links among regional countries to ensure collaboration and alliance.

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Egypt, and with the full support of the Ministry of Petroleum and Mineral Resources.

During the 3 days of EGYPES 2025, we look forward to the diverse fruitful discussions and engagements with the global energy community throughout the different conferences and exhibition, progressing business opportunities for Egypt, the region, and all our partners across the entire energy value chain. This annual event, EGYPES, shall mainly revolve around achieving the energy trilemma of security, sustainability and affordability while making use of the latest technologies and Al Solutions.

This opens numerous opportunities to do business, share experiences and foster an environment that promotes cooperation and guarantees a sustainable bright future for the industry.

On behalf of the Egyptian Government, I welcome you once again to Cairo and to EGYPES 2025.

HE Karim Badawi Minister of Petroleum and Mineral Resources Arab Republic of Egypt Chairman, EGYPES 2025





### XPLORING BETTER FUTURE



www.ueel.co



### WELCOME MESSAGE

### Welcome to the **Egypt Energy** Show 2025

nder the distinguished patronage of His Excellency Abdel Fattah El Sisi, President of the Arab Republic of Egypt, we are delighted to welcome you to Cairo from 17 – 19 February for the 8th edition of the Egypt Energy Show (EGYPES 2025).

As the epicentre of global energy dialogue for Africa and the Mediterranean, EGYPES 2025 explores how Egypt is driving responsible energy transformation under this year's theme, 'Building a Secure and Sustainable Energy Future.' We invite the international energy community to come together at EGYPES to redefine energy systems, advance sustainable transformations, and unlock opportunities for regional progress amidst the global energy trilemma.

The stage is set, and EGYPES 2025 is poised to surpass expectations with over 47,000 attendees, including participation from 300+ thought leaders, 500+ exhibiting solution providers including 30+ NOCs, IOCs, and IECs, 2,500+ conference delegates and more. The upcoming edition promises to be a celebration of innovation, collaboration, and progress for all stakeholders in energy.

The official Opening Ceremony will make the beginning of an extraordinary journey, featuring discussions on pragmatic, secure and sustainable energy development. The spotlight will be on Egypt's pivotal role in shaping a multi-faceted energy future for Africa and beyond.

This year's EGYPES Conferences will address the energy trilemma-security, affordability, and sustainability—providing actionable solutions to drive progress. The Strategic Conference will bring together global thought leaders to tackle pressing issues at the top of government

66 As the epicentre of global energy dialogue for Africa and the Mediterranean, **EGYPES 2025 explores how** Egypt is driving responsible energy transformation under this year's theme, 'Building a Secure and Sustainable Energy Future."

Salman Abou Hamzeh SVP Energy, Middle East dmg events

and organisational agendas. The Sustainability in Energy Conference will drive meaningful decarbonisation targets by 2030. The Finance and Investment in Energy Conference will focus on the alignment of capital with energy security and sustainability. Leadership and Development Conference will emphasise the importance of shaping the future of energy across industry, technology, workforce and cultures. The African Dialogue Conference will unite influential stakeholders to address bridging North and Sub-Saharan Africa energy markets. Expanding its horizons, the EGYPES Future Energy Zone returns as a comprehensive showcase of energy innovations, focusing on decarbonisation, hydrogen, digitalisation, and alternative and renewable energies. This immersive experience will pave the way toward achieving ambitious net-zero goals, offering a platform for exhibitors and

visitors to collaborate and explore the future of energy. Complementing this initiative, the EGYPES 2025 CLIMATECH Challenge connects climate tech startups with opportunities in the MENA region, bringing together global leaders, investors, and innovators to highlight solutions for clean energy, reduced emissions, and a sustainable future.

Official Media Partne

Energy Connects

The EGYPES Energy Awards, now a standalone platform, will honour trailblazers whose visionary efforts are transforming the energy sector. With four thoughtfully curated categories, the awards will celebrate innovations that address industry challenges, drive decarbonisation, and secure a sustainable future for the global community. The evening will be a memorable celebration of shared progress, premium networking, and live entertainment.

The Young Professionals programme will continue to inspire 1,200+ young professionals as the next generation of energy leaders, hosting action-packed sessions that ignite career pathways and connect young talents with international influencers in the energy industry. To facilitate exclusive networking opportunities, the Energy Club will once again provide a private lounge for C-suite leaders and industry veterans to forge critical partnerships, sign agreements, and discuss strategies of national and global importance.

As we countdown to EGYPES 2025, we look forward to hosting a truly international gathering of renowned energy leaders as architects of change. We eagerly anticipate your participation and the role you will play in building a secure and sustainable energy future. We look forward to welcoming you to Cairo and EGYPES 2025 in February.



We can provide a portfolio of integrated solutions across the full gas value chain, from finding and producing gas through to the marketing of products. Shell technologies can help a country boost its economy by building up local gas-based industry. In addition, we bring skills transfer and people development which are key for creating in-country value. Shell plays a role in supporting the natural gas industry in many countries and is proud of how these strong, mutually beneficial relationships have developed.

# COMPETITIVE ADVANTAGE THROUGH THE VALUE CHAIN

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### **EXCLUSIVE INTERVIEW**

our Excellency, the Egypt Energy Show (EGYPES) is just 1 month away. In what will be your first edition as Minister, can you tell us, how important is the show in terms of showcasing Egypt's future energy plans?

EGYPES has evolved a lot over the past years. It is now considered the most important energy show in North Africa and the Mediterranean, providing an opportunity for the global energy community to reconnect with a wider network of key and international stakeholders to forge new face-to-face business relationships.

Held under the patronage of HE President Abdel Fattah El Sisi, the Egyptian oil and gas sector regards EGYPES as its window to the global energy industry as it offers world-class investment opportunities, intensifies the role of foreign investments and provides international and local participants a great chance to network, seek knowledge and conduct business with key organisations. Every year, this major platform aims to display

> positive results and demonstrate the progress achieved towards delivering the future of energy. I am eager to build on the huge success of the past editions and I am optimistic for EGYPES 2025 next February to discuss the upcoming opportunities and future of the oil and gas industry in light of the new energy trends.

> > The oil and gas sector has seen radical changes in the past years. As the newly appointed Minister, could you outline the strategies and incentives to further strengthen the sector's role?

The global energy industry has witnessed severe turbulence over the past decade due to the impact of the pandemic and several

Pioneering Egypt's vision for energy leadership in North Africa and the Mediterranean

In an exclusive interview with the EGYPES News, HE Eng. Karim Badawi, Egypt's Minister of Petroleum and Mineral Resources, shares his vision for the energy sector and how the country is poised to consolidate its reputation as a leading energy hub.



### geopolitical challenges.

In Egypt, we have always regarded the oil and gas sector as pivotal to the country's development. It is one of the main contributors to Egypt's GDP and the main source of energy with high potential to generate foreign currency. In spite of all the challenges, the sector was still able to accomplish major successes, geared towards achieving Egypt 2030 vision. We worked in a more proactive way to achieve our vision: "to unlock the sector's full value chain potential, ensure energy security, promote investment opportunities, achieve financial sustainability and for Egypt to become a leading regional energy hub".

As the newly appointed Minister, I am fully aware of the global challenges that are strongly hindering our sector's progress. However, I believe in the sector's ability to overcome all these challenges, utilising its assets whether human, infrastructure, partner alliances and of course Egypt's strategic location.

I would like to stress on the pledge of the new cabinet of Egypt under the leadership of the Prime Minister H.E Dr. Moustaf Madbouly, to actively work across ministries and authorities to accelerate investments.

Believing in the importance of digitalisation, the sector launched back in 2021 the Egypt Upstream Gateway (EUG) – which is a fully integrated online platform that enables seamless data access and offers the opportunity to explore new plays, prospects and evaluate basins' potential.

We have already launched 7 bid rounds on the EUG since its establishment in 2021 and the 8th one is currently in place for 12 blocks in the Mediterranean and the Nile Delta areas.

### Your Excellency, how is the Ministry modernising infrastructure and transforming the use of domestic resources to reduce dependence on energy imports?

Egypt's goal is to play a prominent role in global energy trade flow and foster an environment that simulates better trade and business links among regional countries to ensure collaboration and alliance. A part of the sector's strategy is based on modernising the infrastructure and upgrading the refineries and pipelines that supports Egypt's potentials.

The sector is completing its refinery upgrading projects to leverage the refining capacities that are close to 40 million tons per year, by adding new conversion units and expanding capacities of existing refineries. Egypt has significant storage capacities for petroleum products - the SUMED pipeline and the Suez Canal which connect the Red Sea with the Mediterranean are strategic trade routes for delivering energy commodities to international markets. There are 14 petroleum ports with an annual trading volume of more than 90 million tons, providing significant opportunities for trade and handling of petroleum products.

Egypt's unique LNG facilities at ldku and Damietta over the Mediterranean coast with a total export capacity of 12 million tons annually, make it a ready-made solution for unlocking the region's low carbon natural gas supplies to supply growing energy needs in EU and globally. With lengths reaching more than 8,000 km for main lines, Egypt also has an extensive natural gas grid, which is one of the largest and longest gas networks in Africa and the Middle East.

Egypt's national gas grid covers the Nile Delta and Western Desert area, to the furthest point of the South Valley in Aswan, extending to Sinai in the East and along the coast of the Red Sea. Egypt also has two main gas pipeline connections with the East, which serves as a main point for gas trade with the East Mediterranean region. Moving forward, the sector will continue working with all its partners in the region to enhance its performance and reinforce Egypt's key role in the global map as a regional energy hub.

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### **Our energy** future is about all-energies, all-technologies and all-peoples

HE Haitham Al Ghais. Secretary General. OPEC calls for a balanced and inclusive energy transition with investments in all energy sources to meet demand, improve access, and ensure sustainability. **OPEC is part of EGYPES 2025 Executive Committee.** 

he starting point for any discussion on future energy reality rather than ideology, be data driven and address all the great interlinked energy challenges of our age: ensuring and expanding energy accessibility, meeting rising energy demand, improving energy security, maintaining energy affordability and reducing emissions.

OPEC advocates a balanced approach where nothing and no-one is dismissed. We need to embrace all-energies. leverage all available technologies, and consider the needs of all peoples. Four key points demonstrate why this approach is vital. First, global energy demand is set to rise. OPEC's World Oil Outlook (WOO) 2024 sees global primary energy demand increasing by 24% to 2050. The reasons for this include an increasing population, rising urbanisation, an expanding middle class, emergent energy-intensive technologies, as well as the need to bring energy to billions of people that still go without.

Population, urbanistaion and growth

The global population is set to reach 9.7 billion by 2050, up from over 8 billion in 2023. By 2030, another 500 million

people are expected to move into cities across the world. This urbanisation pathways has to be grounded in necessitates the addition of around 22 cities the size of Cairo's metro area. The fifth billionth person is also expected to join the middle class before 2030, up from over four billion today. Additionally, emerging technologies will challenge energy infrastructure. Artificial Intelligence expansion and the corresponding demand for computing data centres, for example, is driving the fastest growth in US power demand for decades, outpacing grid expansions. This can be viewed in other countries and regions too. We all want lower emissions, but we cannot ignore the world's growing need for ample, reliable and affordable energy.

### Investing in all-energies

Second, our energy future requires massive investment - in all energies. In this regard, calls to stop investing in new oil projects are gravely out of step with energy realities. Hydrocarbons make up about 80% of the global energy mix, with oil comprising around 30%. These huge contributions are largely unchanged since the 1980s.

In contrast, despite \$9.5 trillion spent on 'transitioning' over the past two decades, wind and solar make up around 4% of

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To mitigate energy poverty, policymakers must ensure just and inclusive energy transitions that reflect each nations' stages of development, in keeping with the principle of 'common but differentiated responsibilities'.





today's global energy mix, while electric vehicles (EVs) have a global penetration rate of between 2% and 3%. This is not to undermine the importance of renewables or EVs, especially as their market share will increase. Instead, it highlights the scale of the energy challenges facing us for those rashly calling to stop investing in oil. OPEC estimates that no new investment in oil production would see supplies fall by 23 million barrels per day (mb/d) by 2030, resulting in huge volatility. Third, this instability would be further exacerbated by the fact that global oil demand continues to rise, especially as policymakers reconsider unrealistic net zero policies amid their impact on populations. At OPEC, we do not see a peak in oil demand by 2050. In our WOO 2024, oil demand rises to around 120 mb/d in 2050.

Fourth, it is crucial to recognise that long-term projections of strong oil demand growth are largely driven by the non-OECD.

Billions of people in the developing world are still playing energy catchup. For instance, almost 1.2 billion live in areas so dark that they provide no statistical evidence of electricity usage from space, while 2.3 billion still lack clean cooking solutions.

### Bridging the gap with inclusive solutions

To mitigate energy poverty, policymakers must ensure just and inclusive energy transitions that reflect each nations' stages of development, in keeping with the principle of 'common but differentiated responsibilities'. No one should be left behind. It is important to stress that OPEC Member Countries are investing in renewables, oil, and other energies to meet consumer needs. They are also improving efficiencies, implementing low-emissions solutions and mobilising cleaner technologies like carbon capture utilisation and storage. Here in Egypt, a country with significant and diverse energy resources, I am sure the EGYPES 2025 event will highlight that there is no 'one-size-fits all' prescription to overcome our climate and energy challenges.

It is inclusive dialogue, international cooperation and realistic solutions that will be central to helping build a sustainable energy future for us all.





### **EGYPES** as a gateway to Egypt, **Africa and the Mediterranean**

eld under the patronage and participation of HE Abdel Fattah El Sisi, President of the Arab Republic of Egypt, EGYPES (Egypt Energy Show) is at the heart of the dynamic, fast growing energy conversation welcoming 47,000+ energy stakeholders from across the

energy value and supply chains to meet, connect and explore businesscritical avenues for growth. North Africa and the Middle East have become the hub to ignite conversations around global energy working towards climateconscious solutions in the region. Due to high urgency, net-zero agendas address the challenges and gaps in achieving

deep carbon reductions and highlight the opportunities a just and sustainable energy transition can unlock. EGYPES 2025 will drive influential thought leadership in addressing transformation and accelerating momentum across the full spectrum of energy systems with the purpose of shaping the future of energy today.



### Official Media Partner Energy Connects

### **Reasons to attend EGYPES 2025**





### **ACCELERATING STRATEGIC MOMENTUM**

Connect with industry peers, potential partners, buyers, experts and other key stakeholders from around the world, and from across the energy value chain. Build relationships, exchange ideas and foster global, crosssector collaborations to drive your business forward.



### **ADDRESS YOUR REQUIREMENTS**

Explore the latest advancements driving or futureproofing the regional energy supply and demand. At EGYPES, over 500 exhibiting companies, including 40+ NOCs, IOCs, NECs and IECs will showcase their latest innovations and gamechanging solutions, and spark the critical thinking needed to tackle the biggest industry challenges.



### **Thought leadership**

Gain strategic and technical insights from 300+ speakers, including government ministers, CEOs, innovators, policymakers and energy industry presentations and keynote speeches on the biggest

### **ACCESS INTERNATIONAL SOLUTIONS**

Dedicated exhibition areas presenting innovation and strategy supporting global climate and energy goals, EGYPES offers attendees the opportunity to discover diversified energy solutions, the latest developments towards climate control and sustainability and explore advances in digitalisation in energy.



### **FOLLOW EVOLVING TRENDS**

With participants from 120+ countries, including 11 country pavilions, EGYPES offers a unique, inclusive, platform for the industry to come together for a common cause – to advance a carbon-neutral future through game-changing partnerships, innovations and perspectives across borders.







### **Pioneering energy transformation**

At the nexus between North Africa, Sub-Saharan Africa, the Mediterranean, and the Middle East, Egypt is solidifying its position as a gateway to new energy frontiers and a premier destination for investment and partnerships. Building on this strategic momentum, EGYPES 2025 will serve as a global platform, bringing together leaders from across the entire energy value chain. The EGYPES 2025 Conferences will further accelerate progress by addressing the energy trilemma through fostering collaboration among stakeholders to achieve a sustainable, affordable, and resilient energy future.

### SHOWCASING LEADERS ACROSS THE ENTIRE ENERGY VALUE CHAIN\*



National oil companies (NOCs)

Integrated Energy Companies (IECs) / National Energy Companies (NECs)

### **GLOBAL PLATFORM FOR BUSINESS AND BRAND GROWTH**



\*Results are compiled from a survey carried out by a third party.

### A bold vision for a secure, inclusive and sustainable energy future

Global energy leaders unite at the epicentre of innovation and transformation at EGYPES 2025

ransitioning to the Egypt Energy Show - EGYPES - the upcoming and 8th edition has undergone transformations to align with the ever-evolving global energy industry. Embracing a fast-changing and inclusive landscape, EGYPES 2025 is set to empower an affluent yet responsible energy agenda that supports all stakeholders.

EGYPES 2025 promises a comprehensive energy dialogue and showcase, with emphasis on the full spectrum of energy, and transition-centric collaborations for the future. Access to international energy solutions and strategic insights, and steering a commitment to promoting climate-conscious energy practices at local, regional, and global levels, an impactful energy experience is in store.



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EGYPES is an important date on the calendar for Baker Hughes, because it recognises the African continent as well as the developing countries that are increasing their energy demand."

LORENZO SIMONELLI Chairman and CEO Baker Hughes

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(12)





42%



42%

Engineering, Procurement and Construction Contractors (EPCs) / Service Providers (SPs)



7%

Energy Transition Companies





### **Country Pavilions**

EGYPES' country pavilions provide exhibitors from over 100 nations a platform to showcase their energy solutions and innovations. Representing the strength of their country's energy sector, exhibitors gain enhanced credibility and visibility among 47,000+ attendees seeking advanced technologies for the future.

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# International country pavilions



Greece

USA

CIX's

Spain











### EGYPES **FUTURE ENERGY**

### **Navigate immersive experiences** in innovation and sustainability

tep into the future at the EGYPES Future Energy Zone & Theatre, a comprehensive showcase at EGYPES 2025 set to leave no aspect of energy transition unexplored and promising to be a game-changer for exhibitors and visitors alike. Welcoming companies looking to advance and collaborate on the road to achieving a secure and clean future, the EGYPES Future Energy Zone & Theatre expands upon the shared prerogative expressed among the EGYPES community to transition and address sustainable, responsible solutions for the future. Gain access to new solutions from global energy pioneers for your transition journey, and harness the potential of decarbonisation initiatives, digital technologies, hydrogen applications, alternative energy innovations and climate control solutions. Exhibiting companies

benefit from an exclusive opportunity to present transformative products tailored to the energy industry's evolving needs.

The EGYPES Future Energy Zone & Theatre is the ultimate destination for innovations spanning the entire energy value chain. It highlights sustainable technologies and initiatives designed to reduce carbon emissions and methane, driving the journey toward net-zero. As a dynamic innovation hub, it showcases cutting-edge solutions leveraging the transformative power of digital technologies. From production breakthroughs to advancements in fuel cells, the EGYPES Future Energy Zone & Theatre presents clean energy solutions while also spotlighting renewable energy across the spectrum, including solar, wind, and hydropower.

CLIMATECH

CHALLENG

**OPPORTUNITIES** 

UNLOCKING INVESTMENT

The EGYPES 2025 CLIMATECH

Challenge supports climate tech

decarbonisation by connecting

enabling them to showcase

net-zero goals.

LOCATED IN HALL 1

startups driving clean energy and

them with leaders, investors, and

policymakers in the MENA region,

innovations, access funding, and

scale their impact toward global

66 **Energy demand is** constantly rising. We (bp) are coordinating with the governments of the countries in which we operate to fulfill both demand rates and carbon reduction targets."

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**MURRAY AUCHINCLOSS** 





### **TECHNOLOGIES DRIVING NETZERO GOALS**

EGYPES 2025 builds on the success of the Start-Up Zone introduced in 2024, offering an unparalleled platform for emerging innovators to shape the energy landscape Startups are invited to join this transformative journey, presenting groundbreaking ideas connecting with industry leaders, and contributing to the future of energy on a global scale.

LOCATED IN HALL 1

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UNLOCKING **INVESTMENT OPPORTUNITIES IN MENA'S STARTUP ECOSYSTEM** 

lobal economies are increasing their support for the adoption of low carbon technologies, which will need to be scaled rapidly to achieve net zero by 2050. At the forefront of the energy transition are climate tech startups, driving innovative solutions that are reshaping how we produce and consume energy, reducing our reliance on fossil fuels, and accelerating industrial decarbonisation.

The EGYPES 2025 CLIMATECH Challenge serves as a platform for climate tech startups to expand into the MENA region, bringing together leading industry thought leaders, policymakers, investors, venture capitalists and emerging startups from across the world to showcase the critical innovations and groundbreaking solutions that are producing clean energy, lowering greenhouse gas emissions, and paving the way for a sustainable future.

> **BOOK YOUR DELEGATE PASS** egypes.com/delegate

SUSTAINABILITY

### **DRIVING REALISTIC** DECARBONISATION **TARGETS BY 2030**

The EGYPES 2025 Sustainability in Energy Conference gathers industry leaders to explore practical strategies for meeting 2030 climate goals and crafting a viable roadmap to net-zero through diverse decarbonization

LOCATED IN HALL 1

(16



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### **CLIMATECH** Challenge finalists



Takaya Taguchi Co-founder & CEO - Helica Fusion

A Helical Fusion



Sascha Kuehn CEO - kraftwerk TUBES GmbH





Lydur Thorgeirsson CEO - Hydram Research





Mick Gast Team Manager - SOLID





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EGYPES STARTUP PAVILION



Official Media Partner





B uilding upon the burgeoning potential of new energies and the resounding success of the Start-Up Zone unveiled in 2024, EGYPES 2025 is poised to provide an unparalleled platform for emerging innovators shaping the energy landscape. The Future Energy Zone & Theatre emerged as a dynamic hub for industry titans to showcase cuttingedge technologies driving the net-zero agenda, underscoring the commitment to innovation and sustainability. Within this ecosystem, the Start-Up Zone took center stage, providing a dedicated spotlight for emerging innovators to amplify their role in shaping the future of energy. We invite ambitious startups to join us in this journey of innovation and impact. Seize the opportunity to showcase your groundbreaking ideas, connect with industry leaders, and catalyze change on a global scale. Be part of the momentum driving the energy revolution forward, where innovation meets opportunity, and the future of energy is shaped.



### **REGISTER AS A VISITOR**

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### Access to reliable, abundant energy is critical for Egypt's people and for its expanding economy.

We commend H.E. President Abdel Fattah El-Sisi and Egypt's Minister of Petroleum and Mineral Resources, H.E. Eng. Karim Badawi for their vision to modernize Egypt's oil and gas industry. Egypt is making significant strides to attract investment, prioritize sustainable operations, and increase their energy security — we applaud the nation's leadership for building a secure energy future.

The recent agreement with the Ministry to increase natural gas production in the country strengthens our presence, offering additional opportunities to grow the Apache inventory while meeting Egypt's gas needs.

Together with Egypt's talented workforce, we will help to responsibly maximize the country's energy resources and ensure that Egypt remains an attractive investment destination for companies around the world.

EGYPES 2025

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### About Apache Egypt

Apache has partnered with Egypt for 30 years and is the largest oil producer and onshore acreage holder in the country. The company founded Springboard Girls Schools more than 20 years ago and has constructed 201 schools where more than 15,000 girls living in rural areas of Egypt have learned to read and write.



Learn more at apacorp.com



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### Venue map

### Al Manara Hall, Halls 1-3

Explore the venue map for a comprehensive overview of exhibition and conference halls, guiding you through the immersive experience of our event.

47,000+

HALL 3

International Attendees . . . . . . . . . . . .

### 39,000+ 2,500+ SQM Exhibition

Space . . . . . . . . . . . .

300+

Global Speakers . . . . . . . . . . . .

20

120+

Participating Countries . . . . . . . . . . .

Conference

Delegates

. . . . . . . . . . . .



500+

Exhibiting

Companies

. . . . . . . . . . . .

Country Pavilions . . . . . . . . . . . .

10

Awards Ceremony . . . . . . . . . . . .

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HALL 2



EGYPES YOUNG

PROFESSIONALS

**EGYPES SHOW PREVIEW 2025** 

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MOPMR | STAND: 3A30

### Egypt boosts sustainable energy

Eng. Alaa El Batal, First Undersecretary for HSE, Sustainability, Energy Efficiency and Climate, at the Egyptian Ministry of Petroleum & Mineral Resources highlights the key trends shaping Egypt's energy policy.

hat are the key trends shaping energy policy in Egypt in terms of energy efficiency and sustainable operations?

#### **Decarbonisation and energy transition**

- Egypt is advancing sustainable energy solutions to meet local and global demands while mitigating climate impacts.
- The Ministry of Petroleum prioritises decarbonisation through a strategy based on six pillars: energy efficiency, carbon intensity reduction, renewable energy expansion, and low-carbon hydrogen development.

#### Energy efficiency

- Seen as a cost-effective means to reduce emissions, the Ministry introduced the Energy Efficiency Strategy (2022–2035) to align with Egypt's 2030 sustainability targets.
- Governance frameworks have been established to enhance and support energy efficiency across the petroleum sector

#### **Renewable energy generation**

• The Ministry is expanding renewable energy use within the sector to decrease reliance on natural gas and diesel, optimising both environmental and economic outcomes.

#### Circular economy

 Circular economy principles are being applied, including gas recovery, waste heat utilisation, and converting organic waste into green petrochemicals to reduce carbon intensity.

#### Digitalisation

• Digital tools are being employed to improve sustainability, with a focus on emissions monitoring, data archiving, and operational efficiency.

#### Could you outline some recent projects and milestones that further strengthen the Ministry's efforts to make the energy sector more efficient while reducing emissions?

Under its decarbonisation efforts, Egypt's Ministry of Petroleum and Mineral Resources has connected natural gas to 15 million units, providing clean cooking fuel to over 60 million citizens. More than 560,000 vehicles have been converted to Compressed Natural Gas (CNG), reducing emissions and



Alaa El Batal



Safety is a core value of Eqypt's petroleum sector, ensuring zero harm to people, communities, and the environment."



promoting sustainable mobility.

The Ministry has implemented nearly 100 renewable energy projects and 340 energy efficiency initiatives across the petroleum sector. With support from partners, key projects include the Dahshour Gas Compression Station, which is supported by EBRD, featuring the world's largest high-temperature Organic Rankine Cycle (ORC) system to boost efficiency and save natural gas through Waste Heat Recovery. This technology is also applied in LNG plants to optimise energy use and reduce emissions. A methan reduction roadmap, to be developed through technical assistance

from USTDA, underscores the Ministry's emphasis on expanding collaboration with our strategic partners to advance methane abatement activities within the framework of decarbonization and energy transition

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#### How is the Ministry prioritising HSE in the industry and ensuring a culture of safety among all industry personnel?

Safety is a core value of Egypt's petroleum sector, ensuring zero harm to people, communities, and the environment. This commitment to HSE underpins the sector's sustainability and long-term success. The Ministry prioritises collaboration with partners to implement best practices, advanced systems, and strong governance frameworks, upholding the highest Health, Safety, and Environmental (HSE) standards. The Ministry also emphasises asset integrity, enhances operational performance and excellence. By embedding safety into all aspects of operations, the Ministry protects its workforce, safeguards assets, and drives sustainable growth and success.

#### How does EGYPES reflect and support your priorities for the region?

EGYPES conference reflects the Ministry of Petroleum and Mineral Resources' comprehensive perspective on energy, emphasising the importance of engaging all stakeholders across the energy value chain. It also highlights the energy industry's commitment to delivering the resources needed to enhance livelihoods and improve living standards while prioritising sustainability and emissions reduction. The theme of EGYPES 2025 "building a secure and sustainable energy future" aligns with the Ministry's vision of balancing the 2 priorities of energy security as well as sustainability, as these go hand in hand, and are integrated with energy affordability as well. Through its specialised strategic and technical conferences, EGYPES provides the ideal platform for dialogue between the regional and international energy communities. Within the sustainability domain, the "sustainability in energy conference" addresses the newest innovations in decarbonisation, clean energy solutions, and approaches for supporting our energy industry's journey for decarbonisation and energy transition.

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EAST MEDITERRANEAN GAS FORUM

### Gas: a key enabler of the global energy transition and net zero

By HE Osama Mobarez, Secretary-General of the East Mediterranean Gas Forum

• he global energy landscape is undergoing a profound transformation, driven by the urgent need to reduce greenhouse gas emissions and address climate change. Energy security must be ensured alongside decarbonisation, to sustain life and economic prosperity and to address the global energy crisis. In this context, low-cost energy is also essential to guarantee equitable progress. Renewables play an important role on the path towards net-zero emissions; at the same time, considering the other challenges, natural gas remains a vital strategic partner in the energy transition, helping to build a secure and sustainable future for the globe.

### Natural gas in the energy transition

Natural gas stands out as a key transition fuel for the global energy system. It is often regarded as one of the cleanest fossil fuels, due to its lower carbon intensity compared to coal and oil. Moreover, it plays a crucial role in supporting intermittent renewable sources like solar and wind. This synergy between renewables and gas helps maintain grid reliability and provides a pathway toward cleaner energy systems. Natural gas is also integral to sectors beyond power generation: key industrial processes rely heavily on gas, used as a feedstock or fuel.

Methane mitigation and technologies like CCUS may further reduce the environmental footprint of gas, allowing it to play a larger role in the low-carbon economy. Excellent opportunities to make gas even cleaner are available and should



On the supply side, this demand may be confronted with some challenges, due to production or market uncertainties and geopolitical headwinds. In such a complex Aspirations and discussions landscape, developing and decarbonising about the energy transition the available gas resources remains imperative to ensure energy security, need to align with economic sustainability, and the prosperity of world reality and foresee the economies. This will need to be done with a collaborative spirit: achieving these goals implementation of specific will not be possible without leveraging plans. international cooperation and partnerships,





HE Osama Mobarez

be seized in the coming years. Aspirations and discussions about the energy transition need to align with economic reality and foresee the implementation of specific plans. It is essential that governments and industry stakeholders continue to recognise the importance of gas, with a view to developing untapped resources and investing to decarbonise its supply chain and use.

### The outlook: opportunities and challenges

Looking ahead, the global gas demand is expected to remain robust, driven by several factors. In Europe, natural gas is expected to remain a crucial part of the energy mix, especially in the face of energy security concerns and the need to restock and diversify supplies. Asia is projected to remain a significant consumer, while in other regions, including Latin America, Southeast Asia, and parts of Africa, gas is gaining traction as an affordable and reliable fuel for growing energy markets.

not just between governments but also between all the relevant stakeholders.

### The Eastern Mediterranean and the role of the **FMGE**

The Eastern Mediterranean basin has emerged in past years as a key energy hub. In the context of the region, where gas resources are significant, natural gas plays a crucial role in supporting energy security, especially as it provides a more environmentally friendly alternative to coal and oil. East Med gas is also strategically important for other regions, including Europe. In the context outlined above, developing East Med gas resources will be vital to ensure energy security and the steady supply of low-carbon, low-cost fuel to the region and beyond.

Energy ambitions in this region are intertwined with geopolitical developments, which can bear substantial impact on collaborative efforts in this sector. The East Mediterranean Gas Forum (EMGE) has since its inception been creating long-term value for countries in the region, promoting energy cooperation as a potential foundation for broader economic cooperation. By fostering collaboration, the EMGF provides a framework for mutually beneficial projects.

In the evolving global energy landscape, the EMGF remains committed to advancing its strategic pillars, including regional integration, decarbonisation, and private sector engagement. In the past years the organisation has conducted studies and spearheaded important decarbonisation initiatives, outlining a solid roadmap for the sustainable development of regional gas resources. The EMGF will continue to play a key role in this regard, by harnessing the efforts of all stakeholders—governments, industries, regulators, and scientific institutions-on its unique platform. As we move into the future, Eastern Mediterranean gas resources will be a cornerstone in the global energy transition. It is imperative that we harness these resources wisely and collaboratively, to ensure a sustainable and secure energy future for all.





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INTERNATIONAL ENERGY AGENCY

### **Empowering Africa and the East Med through transformation**

In an exclusive interview with EGYPES News, Farrah Boularas, Middle East and North Africa Programme Manager at the **International Energy Agency**, highlights how energy policy in Africa and the Eastern Mediterranean is driven by the imperatives of energy security, sustainability, and affordability.

hat key trends do you see shaping energy policy across Africa and the Eastern Mediterranean, and how is the IEA supporting these efforts?

Energy policy across Africa and the Eastern Mediterranean is undergoing a transformative shift, driven by the pressing imperatives of energy security, sustainability, and affordability. A key trend is the significant push towards renewable energy sources such as solar, with countries like Egypt setting ambitious targets to increase the share of clean electricity in their overall power mix. Additionally, efforts to increase access to energy are also driving the push for clean cooking, notably in Sub-Saharan Africa, with implications on health, gender equality and environmental sustainability goals. The International Energy Agency (IEA) is involved in supporting countries across the continent in their efforts to reform their energy sectors, with a particular focus on access and equity. In this regard, it hosted the first major Summit for Clean Cooking in Africa in May 2024, where 130 delegations endorsed the Clean Cooking Declaration, helping to mobilise an unprecedented \$2.2 billion for clean cooking access in new financing from government and private sector sources.

#### How can African and Eastern Mediterranean countries work together to bridge energy access gaps while pursuing decarbonisation?

The IEA has tracked energy access progress (electricity and clean cooking) for over 20 years, highlighting critical global issues. Its analysis supports projects that can boost clean energy investment and access across Africa, though progress depends on securing financing for power generation and grid infrastructure, hindered by high borrowing costs. To address this, the IEA collaborates with policymakers to reduce risks and harmonise

energy strategies, enabling African and

ORGANISATION MÉDITERRANÉENNE DE L'ENERGIE ET DU CLIMAT

### **Collaboration drives the energy** transition in East Med and Africa

In an exclusive interview with EGYPES News, Dr. Houda Ben Jannet, General Director, OMEC, discusses the organisation's pivotal role in fostering regional collaboration on energy transition across the East Med and Africa as well as OMEC's support for member countries in achieving net-zero goals and its collaboration with Egypt to ensure pragmatic, secure, and sustainable energy development and access.

• ow is OMEC fostering regional collaboration on energy transition goals across the East Med and Africa?

For over 35 years, OMEC has represented the Mediterranean energy industry, uniting leading companies from across the region. It acts as a platform for dialogue, cooperation, and best practice exchange, recognised as a key think tank in the Euro-Mediterranean area. OMEC promotes regional collaboration for a fair energy transition benefiting all Mediterranean shores.

As the region's only institution with a comprehensive energy focus, OMEC provides multi-sectoral analyses, thematic studies, and energy forecasts. It hosts highlevel conferences, coordinates researchespecially in renewables—and collaborates with industry, academia, and international organisations to share knowledge and build capacity.

OMEC works closely with the European Commission, the Union for the Mediterranean (UfM), and member governments to enhance regional cooperation. It serves as the Secretariat for the UfM Working Group on natural gas, emissions reduction, and hydrogen and advises the East Mediterranean Gas Forum (EMGF) on natural gas and energy transition. OMEC also participates in the European Commission's T-Med initiative, exploring cross-border opportunities in renewable energy and hydrogen by 2030.

What are OMEC's priorities for enhancing sustainable energy access across underserved regions and how important is infrastructure investment? OMEC prioritises sustainable energy access across underserved regions by promoting win-win strategies that benefit both the North and South Mediterranean shores. Recognising the critical role of infrastructure, OMEC advocates for modernised grids, cross-border interconnectors, and



Dr. Houda Ben Jannet

We strive to adapt power system to address the intermittency of solar and wind energy, advocating for the use of all available sources to enhance flexibility."

renewable installations, backed by significant investment. These efforts are complemented by robust policies, capacitybuilding, and tailored regional strategies to ensure long-term success.

To address challenges like regulatory gaps and limited capacity, OMEC works closely with governments and stakeholders to promote forward-looking policies. Through platforms such as the UfM and EMGF, OMEC fosters partnerships among governments, the private sector, and international organisations to drive innovative solutions. Its impact is further strengthened through public-private partnerships and collaboration with institutions such as the World Bank, EIB, and EBRD.

How does OMEC support member countries in integrating renewables into their existing energy portfolios? OMEC supports Mediterranean countries

in placing renewables at the core of their energy strategies by providing expertise, actionable insights, and practical guidance. Our flagship publication, Mediterranean Energy Perspectives (MEP), outlines clear pathways to achieving net-zero by 2050, enabling governments to align environmental objectives with economic growth. We strive to adapt power system to address the intermittency of solar and wind energy, advocating for the use of all available sources to enhance flexibility. Through our Green Energy Technology Committee, we conduct studies on energy storage, renewable integration, offshore wind potential, and sustainable mobility. Additionally, OMEC participates in EU projects on innovative technologies, materials research, and process improvements to shape future energy systems. OMEC collaborates with key regional organisations such as Med-TSO and MedReg to enhance interconnections and advance regulatory frameworks. These partnerships aim to achieve cross-border harmonisation, regulatory stability, and securing financial support-for scaling up renewable deployment and fostering a sustainable energy future in the Mediterranean.

#### How is OMEC engaging at EGYPES 2025, and what will be your focus at the Show?

EGYPES has emerged as a pivotal platform for global energy dialogue in Africa and the Mediterranean, bringing together industry leaders and stakeholders to discuss global energy dynamics, foster partnerships, and explore solutions for a sustainable energy future. Since its inception, OMEC has established itself as a central hub for public and private stakeholders dedicated to enhancing energy dialogue across the Mediterranean.As a long-time participant in EGYPES, OMEC leverages this influential event to present key findings from Mediterranean Energy Perspectives, address the region's critical challenges, propose strategies to overcome them, and highlight emerging opportunities in the energy sector.





Farrah Boularas



### The need for new gas developments depends on the pace of clean energy technology adoption."

East Mediterranean countries to optimise resources and attract investment through coordinated, bankable projects. While small-scale and off-grid initiatives are vital for improving electricity access, regional frameworks like the Eastern Africa Power Pool and the Pan-Arab Electricity Market promote cross-border energy trade, enhance energy security, and lower costs through shared infrastructure and cooperation.

### What role does the IEA see for natural gas as a transitional or destination fuel in these regions?

The role of natural gas in Africa's energy mix varies significantly across the continent. In North Africa, it meets around half of the region's energy needs, whereas in sub-Saharan Africa, it accounts for a mere 5% of energy consumption, with its use expanding alongside large-scale export projects. On the supply side, Algeria,

Egypt, and Nigeria dominate production, contributing approximately 80% of Africa's total output. Looking ahead, one-guarter of the gas discovered in Africa over the past decade has already been approved for development, including major projects in Egypt, Mauritania, and Mozambique. While environmental costs remain a concern, the cumulative emissions from these projects would only modestly increase Africa's historical share of global emissions-from 3% to approximately 3.5%. Nevertheless, reducing emissions intensity will be a critical strategy for producer economies. This approach will not only free up gas for domestic or export purposes—particularly by recovering volumes wasted through flaring and venting and redirecting those currently used within the energy sectorbut also enhance global competitiveness by meeting increasingly stringent import standards expected in the future. The need for new gas developments depends on the pace of clean energy technology adoption. However, producers that implement strong and effective measures to reduce emissions—focused on decarbonising gas operations and mitigating methane emissions—can credibly argue that their resources are a preferable option compared to higher-emission alternatives.

### At EGYPES 2025, what key industry issues do you want to see addressed?

EGYPES provides a vital platform for global energy leaders, policymakers, and experts to shape sustainable and secure energy transformations. Key priorities include accelerating renewable adoption, decarbonising fossil fuel operations, and leveraging technological innovations like energy storage and digitalisation to enhance efficiency.

Regional cooperation is critical for strengthening cross-border trade and regulatory alignment. Equally important is financing the energy transition, which demands strategies to attract investment, mitigate risks, and incentivise private sector involvement





### DRAGON OIL

# Driving energy growth through sustainability in Egypt and beyond

In an exclusive interview with EGYPES News, **Ali Rashed Al Jarwan**, CEO of **Dragon Oil**, highlights its dedication to boosting production capacity and advancing energy security in Egypt and the region.

ow is Dragon Oil looking to boost its production capacity and contribute to Egypt and the region's energy growth and security?

Dragon Oil is committed to increasing its production capacity through continued investment in both exploration and infrastructure in the three countries we operate in. In Egypt, the company is actively expanding its presence by optimising existing fields activity and developing new opportunities through exploration and appraisal drilling. Our strategy involves both enhancing recovery from mature fields and the nearby extension of the existing fields or geological trend. Through these initiatives, Dragon Oil aims to contribute significantly to the local energy landscape by maintaining and increasing production volumes and ensuring a steady supply of oil and gas to meet the growing demands of Egypt and region. This aligns with the broader goal of energy security and regional stability.

#### Could you talk to us about Dragon Oil's partnerships and collaborations to support the company's strategic growth?

Strategic partnerships are an integral part of Dragon Oil's growth strategy. We have fostered collaborations with both host governments, local contractors and international stakeholders, including national oil companies, service providers, and technology partners. These collaborations enable us to leverage local expertise and available resources while also bringing in global innovations to support our exploration and production efforts. In Egypt, we are particularly focused on strengthening relationships with the Egyptian government and local energy players to ensure alignment with national energy goals, which is crucial for the sustainable growth of both Dragon Oil and the wider regional energy market, with adequate management of change.



Ali Rashed Al Jarwan

Digital technologies help us to make realtime operations in order to maintain production and accurate on time decisions that reduce downtime and enhance production efficiency.



### How is Dragon Oil leveraging digital technology to improve exploration and production and energy efficiency?

Dragon Oil is at the forefront of adopting digital technologies to enhance operational efficiency. We are implementing advanced data analytics, artificial intelligence (AI), and machine learning to optimise production from existing reservoirs and optimise drilling locations. Digital technologies help us to make real-time operations in order to maintain production and accurate on time decisions that reduce downtime and enhance production efficiency. Integrating AI with our seismic interpretation, the outcome of 3-D OBN provided high resolution reservoir imaging and guided our drilling program for better successful results for both exploration wells and development wells. Additionally, digital monitoring systems of power consumption help us track energy consumption, enabling more efficient use of resources and contributing to our sustainability goals.

### What key messages will you be highlighting at EGYPES 2025?

At EGYPES 2025, Dragon Oil will emphasise its commitment to sustainable energy development and regional collaboration. It will foster collective confidence about the progress of the energy mix at large and particularly the E&P sector. We will also focus on how digital technologies can drive operational efficiency and environmental sustainability, and we will highlight our partnerships as a key enabler of growth and regional energy security. Additionally, we will discuss the importance of integrating local energy strategies with broader global efforts to meet climate and energy access goals. Ultimately, our message will to use innovation, encourage collaboration, and leadership engagement, reflecting our long-term vision for the future of energy in the region.



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### Delivering A Secure & Just Energy Transition



Energean proudly operates a balanced portfolio of production, development, and exploration assets across the strategically vital Greater Mediterranean region.

Our commitment to energy security, combined with our understanding of the region's industrial and socio-economic needs, ensures a constant and reliable supply of natural gas to meet long-term demand.



ETHOS Our World, Our Responsibility



### DESFA

# Harnessing clean energy tech to power the Mediterranean

In an exclusive interview with EGYPES News, **Maria Rita Galli**, CEO of **DESFA**, highlights the company's pivotal role in enhancing energy security and diversification in the Mediterranean region, leveraging technology for a sustainable future, and its ambitious plans for decarbonising the gas industry.

ow is DESFA contributing to energy security and diversification in the Mediterranean region?

DESFA is committed to the enhancement of the energy security and diversification of the gas supply sources in the Mediterranean and South East European region and its concretely contributing to these targets via significant investment - which exceeds 1.3bn Euros - in infrastructures which are enabling Greece to provide access to new LNG sources of supply - directly through Revithousa and with its 20% participation in the Alexandroupolis FSRU- for its domestic market as well as for the entire region. The ongoing investments have already enabled the LNG import capacity to increase from 7 to 12bm/y in 2024 as well as the export capacity from c.a. 2bcm/y to 5bcm/y in 2024 which will reach 8.5bcm/y in 2025. With these developments fully ongoing as part of the broader Vertical Corridor Initiative, which includes the Transmission System Operators of Greece, Bulgaria, Romania, Moldova, Hungary, Slovak and Ukraine, Greece Natural Gas Infrastructure System is becoming more and more a critical route to ensure security and diversification of supply for the whole region.

### What role does DESFA see for natural gas in the transition to a low-carbon economy?

Natural Gas is already playing a pivotal role in the decarbonisation of the energy sector in many different ways. If we look at the last few years in Greece we have witnessed a significant and almost complete phase out of lignite electricity production which has been substituted by a growing penetration of renewables and natural gas fired generation. The Natural Gas infrastructures and CCGTs today are the indispensable partner of renewable power generation as they provide the flexible and dispatchable electricity production which is absolutely necessary



Maria Rita Galli

We are investing in a complete digitalisation of our operations as well as in continuously strengthening the resilience of our assets to climate related risks and to external physical and cyber threats via adoption of state-ofthe-art technologies and cooperation amongst industry players."

to stabilise the greed and provide power when there is no wind and no sun. This role is very often "forgotten" by the mainstream electrification narrative, but the flexibility provided by the natural gas infrastructures in accommodating huge fluctuations in demand both on a day by day and infra day basis, as well as the security provided by the underground and LNG storages is the key element which has enabled to successfully integrate more and more renewables. In the future we continue to see a significant role for gases - today methane and in the future decarbonised and low carbon gas - both as a pillar of stability and reliability of the power system as well as to cover the hard to abate sectors.

#### How is DESFA leveraging technology to improve the efficiency of its gas infrastructure?

In DESFA we attribute great importance to technology and innovation in improving the safety, sustainability and efficiency of gas infrastructures. In 2023 we have adopted for the first time our Net Zero Master Plan which includes a target of reduction of 50% of emission by 2030 vs. 2018, Carbon Neutrality by 2040 and Net Zero by 2050 and we are fully committed to measure and reduce our methane emission and have obtained for the third year in a row the OGMP Gold Standard. We are investing in a complete digitalisation of our operations as well as in continuously strengthening the resilience of our assets to climate related risks and to external physical and cyber threats via adoption of state-of-theart technologies and cooperation amongst industry players.

### What role will DESFA play at EGYPES 2025, and what key industry issues do you want to see addressed?

At EGYPES we aim at presenting the projects which DESFA is bringing forward to provide solutions for the decarbonisation of the gas industry, from the Hydrogen backbone project which has been included in the EU PCI list and which can represent an opportunity for future production of Hvdrogen in the MENA region to be channeled toward large demand centres in central Europe to the Apollo CCUS project - also an EU PCI - which is aimed at developing an national hub for the CO2 transportation, liquefaction and further delivery to underground sequestration sites in the Mediterranean

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### PETRONAS

# Pioneering lower-carbon energy through regional collaboration

In an exclusive interview with EGYPES News, **Hany Esmat**, CEO of **PETRONAS** Egypt, discusses how the company is leveraging its strategic collaborations and investments in LNG and offshore developments to support Egypt's energy ambitions while advancing regional sustainability and energy security, aligning with its global lower-carbon energy goals.

### ow does PETRONAS' work in Egypt contribute to its broader strategy across Africa and the East Med?

PETRONAS' operation in Egypt is part of our international gas portfolio and broader strategy across Africa and the East Mediterranean. Egypt's strategic location and energy infrastructure, and potential as a regional energy hub align seamlessly with our goal of delivering lower-carbon energy solutions and expanding our LNG footprint.

By collaborating with key stakeholders such as the Egyptian General Petroleum Corporation (EGPC) and the Egyptian Natural Gas Holding Company (EGAS), we are enhancing Egypt's role in regional gas monetisation while supporting its domestic energy requirements. Our investments in offshore developments and LNG infrastructure bolster our global ambition to be a leader in LNG.

### What role does PETRONAS see for itself in developing LNG in the region?

PETRONAS envisions advancing LNG as a cleaner energy option while driving energy security and sustainability across the region.

We are leveraging technologies to meet



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Hany Esmat, CEO & Country Head, PETRONAS Egypt

global demand while supporting Egypt's ambition to become a regional energy hub.

#### How is PETRONAS collaborating with regional stakeholders to drive sustainable energy solutions? PETRONAS is actively looking for

opportunities in partnering with key regional stakeholders to unlock Egypt's potential as a gateway for gas and LNG exports. Egypt's strategic location, combined with its comprehensive LNG facilities and extensive subsea systems, provides an economical route for regional gas monetisation while supporting sustainability goals.

In partnership with the Ministry of Petroleum and Natural Resources, how is PETRONAS helping to increase production within Egypt to ensure pragmatic, secure and sustainable energy development and access for its people and industries? PETRONAS Egypt appreciates the efforts undertaken by the Ministry of Petroleum and Mineral Resources to transform Egypt into a regional gas hub. We commend the Ministry's focus on improving transparency, fiscal terms, and fostering ongoing constructive dialogue. Meanwhile, we continue to work closely with EGPC and EGAS to develop sustainable solutions to address the domestic supply shortage.

In 2024, PETRONAS Egypt, in partnership with Shell Egypt sanctioned an investment to drill additional wells in the West Delta Deep Marine Concession. The first few wells from the campaign are already producing and the remaining wells are expected to come online before Q4 2025.

### What will PETRONAS present at EGYPES 2025, and how does the conference reflect your priorities for the region?

At EGYPES 2025, PETRONAS is excited to engage in meaningful discussion surrounding the topic of building a secure and sustainable energy future, aligning with the event's theme of "Building a Secure and Sustainable Energy Future". This premier platform offers us an opportunity to engage in critical discussions on how the energy sector can collectively advance cleaner and more inclusive energy goals.

We look forward to exchanging insights and exploring potential collaborations with global and regional partners in our pursuit of delivering lower-carbon energy solutions.





### MUBADALA ENERGY | STAND: 3C60

### Strategic investment drives sustainable solutions for Egypt's energy sector

In an exclusive interview with EGYPES News, **Adnan Bu Fateem**, COO of **Mubadala Energy**, underscores the company's strategic investments in Egypt, including stakes in the Zohr gas field and SUMED pipelines, bolstered by global partnerships, advanced digital technologies, and a strong commitment to sustainable energy collaboration.

### lease provide a top line overview of Mubadala Energy's key investments in Egypt?

Since June 2018, Mubadala Energy has held a 10% participating interest in the offshore Shorouk Concession in Egypt, which contains the supergiant Zohr gas field. With a total potential of up to 30 trillion cubic feet of gas in place, the field is a significant strategic investment for Mubadala Energy. We continue to focus on our partnership with the operator to address technical challenges and drive long-term efficiencies. We're also proud to hold 15% stake in the Arab Petroleum Pipelines Company (SUMED). Established in 1974 and headquartered in Alexandria, around 70% of the oil shipped from the Arabian Gulf to Europe passes through the SUMED pipelines, making it a key strategic pillar in Egypt's energy infrastructure.

#### How is Mubadala Energy expanding its global partnerships and collaborations to support the company's strategic growth?

Wherever Mubadala Energy is active, partnership is critical to our success. In Egypt, this means collaborating with the operators of the assets we have stakes in and being proactive in bringing the best of our insights and knowledge to the table to drive efficiency and deliver strategic goals.

But it's also about aligning our objectives with those of our host Government and other stakeholders such as the regulator. We are committed to supporting Egypt's energy priorities, including providing affordable lower emission energy for its people, and this shared purpose provides a framework for making long-term strategic decisions.



Adnan Bu Fateem

### 66

We are committed to supporting Egypt's energy priorities, including providing affordable lower emission energy for its people, and this shared purpose provides a framework for making long-term strategic decisions."

What are the ways in which Mubadala Energy is leveraging digital technology to improve the efficiency of energy systems and reduce emissions? Mubadala Energy leverages digital technology to improve efficiency and reduce emissions through advanced data analytics, predictive maintenance, and real-time monitoring systems in areas such as HSSE. These technologies optimise production processes, enhance resource management, and minimise operational downtime. Importantly, they do this by putting power in the hands of our people - providing tools that enhance their effectiveness and enhance decision making.At our operated assets such as Pegaga in Malaysia, we have successfully deployed a "digital twin" concept which provides a real word application of these tools. For instance, our "Intelligent HSSE" approach enables operational staff to be

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alerted to issues and hazards that could have otherwise gone undetected. One of the big upsides of digital technology is that we drive greater efficiency and safety by predicting equipment failures and optimising energy consumption. This is good for business but also leads to lower greenhouse gas emissions and a smaller environmental footprint.

#### What key messages will Mubadala Energy be highlighting at EGYPES 2025?

At EGYPES 2025, Mubadala Energy will highlight our long-term commitment to Egypt and the region. We look forward to meeting our partners to discuss our shared interests and explore new opportunities. This is an important period for the regional and global energy landscape, and we hope the conference will highlight the role of collaboration and partnership in meeting our shared goals for sustainable energy. Official Media Partner

SIEMENS ENERGY

# Advancing energy solutions in Africa and the East Med

In an exclusive interview with EGYPES News, **Dietmar Siersdorfer**, Middle East and Africa Managing Director at **Siemens Energy**, discusses the company's pivotal role in advancing renewable energy infrastructure across Africa and the East Mediterranean.

ow is Siemens Energy advancing renewable energy infrastructure across Africa and the East Med? Siemens Energy is playing a

vital role in advancing renewable energy infrastructure in Africa and the East Mediterranean, combining innovative technology with longstanding partnerships. Our wind business has delivered nine wind energy projects in Egypt, amounting to approximately 1.1 GW of installed capacity, to help the country reach its goal of generating 42% of electricity from renewable energy sources by 2030. Across Africa, we have developed over 3 GW of wind projects, solidifying our leadership in renewable energy solutions.

In addition to wind energy, we are working to create hybrid systems that integrate renewables with gas-fired power plants, offering scalable, efficient, and environmentally friendly energy solutions. Our gas-fired power plant projects added 14.4 gigawatts to the Egyptian national grid. Our grid technology projects have expanded the grid to serve communities across the nation with electricity. These projects not only enhance energy reliability but also align with global sustainability targets. Our approach ensures that we meet the growing energy demands of the region while minimising the carbon footprint.

#### What role do you see for digitalisation in transforming the energy landscape in these regions?

Digitalisation is critical to overcoming challenges like grid stability, energy efficiency, and the seamless integration of renewables. Siemens Energy offers cuttingedge digital solutions like our Omnivise suite, which provides real-time monitoring, advanced analytics, and predictive maintenance to enhance the reliability and efficiency of power systems. For instance, in Egypt, digitalisation has been central to optimising the operation of energy infrastructure, ensuring consistent and efficient energy delivery. By leveraging Al and machine learning technologies, we are

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**Dietmar Siersdorfer** 



By leveraging AI and machine learning technologies, we are improving grid management and enabling the integration of renewable energy sources into existing networks, ensuring stability and reducing downtime."

improving grid management and enabling the integration of renewable energy sources into existing networks, ensuring stability and reducing downtime. Digitalisation not only helps streamline operations but also contributes to building future-ready energy systems in the region.

### How is Siemens Energy fostering partnerships across Africa to address regional energy challenges like grid reliability?

Whether it's helping Togo sustainably meet 40% of its power capacity with the combined cycle Kékéli Efficient Power plant project or

working in Nigeria to expand and stabilise the grid, Siemens Energy has a long history of forging impactful partnerships across Africa. The energy transition is not a challenge we can solve alone; we constantly work with the public and private sectors to address energy challenges such as grid reliability, capacity building, and sustainable energy development. To ensure sustainability, we also invest in capacity building through initiatives like the power academy in South Africa and the Egyptian German Technical Academy (EGT) in Ain Sokhna. These training institutions provide vocational and occupational training to enable students to effectively handle major energy operations, such as maintaining and operating cuttingedge infrastructure and ensuring long-term grid reliability and energy independence. A strong example is the various training programs we conduct with ministries and companies, a highlight of which was our recent collaboration to train 1,000 engineers and technicians from Petrobel.

### What can we expect from Siemens Energy at EGYPES 2025?

Siemens Energy will showcase its comprehensive portfolio of solutions aimed at achieving a sustainable and reliable energy future. Visitors can expect highlights of our contributions to Egypt's energy transformation, which include the role of digitalisation in the energy sector, demonstrating how our advanced tools and platforms are driving efficiency, reliability, and sustainability. Moreover, we will underscore our commitment to local development by showcasing the success of Egypt Service Center and the EGT Academy and our broader partnerships in fostering local expertise and innovation. As a trusted partner of Egypt and the region for decades, Siemens Energy remains committed to advancing clean, affordable, and reliable energy solutions. EGYPES 2025 will be a platform to reaffirm our role in supporting Egypt's ambitious energy goals and driving the energy transition across the East Mediterranean and Africa.





### APACHE | STAND: 3A50

# Egyptian expertise at the heart of Apache's sustainable growth strategy

In an exclusive interview with EGYPES News, **Greg McDaniel**, Vice President Egypt Assets and Country Manager at **Apache Corporation**, highlights the company's commitment to Egypt and the region, emphasising its focus on sustainable energy solutions and innovative approaches to meet the growing energy demands.

ow does Apache's experience in Egypt influence its broader strategy across Africa and the East Med?

Apache has been a committed partner to Egypt and Egyptians for more than 30 years, and we continue to see tremendous opportunities here. Our focus today remains in Egypt, where new technical and commercial possibilities have emerged. We commend Egypt's Minister of Petroleum and Mineral Resources, HE Karim Badawi, for his vision to modernise Egypt's oil and gas industry. Modernisation can open numerous opportunities as it drives increased investment and production in the country. We recently reached an agreement to increase the contractual price for incremental natural gas production in the country, making gas exploration and development more economically competitive with oil development. The modernisation efforts and the new agreement will benefit the Egyptian people and the region over the next few years.



Greg McDaniel

### What opportunities do you see for Apache in participating in crossborder energy infrastructure or gas trade in the region?

Apache hopes to make an impactful contribution to Egyptian gas production in the future. This will provide the Ministry of Petroleum and Mineral Resources, under the direction of HE Karim Badawi, greater



flexibility to develop supply models for the benefit of the Egyptian people and the wider region.

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### How does Apache approach sustainability and innovation in regions like Africa, where energy access is critical?

Apache is committed to responsibly producing oil and natural gas. We set sustainability goals that are intentionally challenging and focused on immediate actions so that we can drive near-term and impactful results. In Egypt, we increasingly generate our own power in the field – a majority of that is centralised gas generation that is cleaner with lower emissions than previously used fuels. Sometimes however, the distances and remoteness of operations mean we do rely on diesel, which allows us to get production online quickly, particularly for remote discoveries.

### What will Apache present at EGYPES 2025, and how does the Show reflect your priorities for the region?

Apache looks forward to welcoming visitors at booth 3A50. The company will feature its expansive portfolio in Egypt, ambitious ESG goals and operational achievements. Notable highlights include:

Expanded operations across the Western Desert, including an increased focus on the exploration and production of natural gas.
Apache's landmark modernisation agreement with the Ministry of Petroleum and the Egyptian General Petroleum Company has enabled significant investment in key growth areas that were previously not economically competitive.
Celebrating more than 20 years of Apache-sponsored Springboard Girls Schools, founded by the company in 2004 with more than 200 schools built across rural Egypt. Official Media Partner

BP STAND: 2A30

### Harnessing Egypt's energy potential by advancing regional goals in the Mediterranean

In an exclusive interview with EGYPES News, **Wail Shaheen**, Vice President **bp Egypt** highlights how bp's operations in Egypt—powered by advanced technology, strategic partnerships, and robust infrastructure—support the country's transformation into a regional energy hub while driving resource monetization and expanding access to both regional and global markets.

ow does bp's work in Egypt influence its broader regional goals across the Mediterranean?

We believe Egypt's energy capabilities extend far beyond its national borders. With over 60 years of successful operations and in partnership with the Ministry of Petroleum and Mineral Resources, bp is actively contributing to Egypt's energy development by addressing immediate energy needs while supporting the country's long-term vision of becoming a regional energy hub.

Egypt's strategic location, extensive infrastructure, and export facilities create a robust platform to monetise resources both within Egypt and the region. The country's ongoing efforts to strengthen regional collaboration offer investment opportunities, particularly in the Mediterranean, where abundant gas reserves are available. These efforts also enhance access to both regional and international markets.

bp plays a vital role in advancing this vision, leveraging state-of-the-art technology such as ocean bottom node technology, deep knowledge of the Mediterranean basin, established in-country facilities, and

Egypt's strategic location, extensive infrastructure, and export facilities create a robust platform to monetise resources both within Egypt and the region.







Wail Shaheen

strong regional presence and partnerships. A recent example of this is our new joint venture with ADNOC, Arcius. This JV is established to maximise Egypt's gas resources while capitalising on regional growth opportunities, reflecting our commitment to fostering Egypt's potential as a regional energy hub.

bp's steadfast support and ongoing commitment to Egypt's energy sector underscore our confidence in the country's energy potential.

#### In partnership with the Ministry of Petroleum and Mineral Resources, what is bp doing to increase production within Egypt helping to ensure pragmatic, secure and sustainable energy development for its people and industries?

In partnership with the Ministry of Petroleum and Mineral Resources, what is bp doing to increase production within Egypt helping to ensure pragmatic, secure and sustainable energy development for its people and industries?

In partnership with the Ministry of Petroleum and Mineral Resources, bp has been contributing to Egypt's energy development for over 60 years. We are addressing immediate energy needs while advancing the country's long-term goal of becoming a regional energy hub.

Currently, we are accelerating the Raven infill wells project, which aims to add 200 mmscfd of gas by Q1 2025. This project involves drilling additional wells in the Raven field, including a two-well tie-back in the West Nile Delta block and laying around six kilometers of flexible pipes and subsea structures. The additional production will help meet Egypt's gas needs.

We are also moving forward with exploration activities in Al-King and Fayoum 5, with both programs set to begin in due course. Our work in the Mediterranean, including exploration in North King Mariout and Northwest Abu Qir, reflects bp's ongoing commitment to Egypt's energy sector. It's also important to highlight bp's role in applying cutting-edge technologies, such as Ocean Bottom Node (OBN) seismic technology, which is crucial for improving exploration efficiency and minimising environmental impact. These advancements not only boost production but also uphold the highest safety and environmental standards.

Beyond securing Egypt's energy supply, bp is investing in developing the next generation of Egyptian energy leaders. In 2019, we launched a "Middle Management" program to fast-track promising leaders in the energy sector. The program includes job shadowing, leadership training in bp's UK offices, and academic opportunities at Manchester University. Additionally, bp supported the second phase of the Ministry's Executive Development Program in collaboration with the American Chamber of Commerce in Egypt in 2021.

These efforts underscore bp's strategic role in driving Egypt's energy progress and advancing its vision for a sustainable, secure, and prosperous energy future.





EGYPES ENERGY CLUB

### World class facilities for unparalleled networking

The EGYPES Energy Club (EEC been welcoming members sir providing an exclusive club-lo members within the energy in connect and exchange know

' he EEC welcomes the i top decision makers a influencers while atter EGYPES, North Africa and the East Mediterranean's leading energy show.

strengthen existing connection new relationships. Membersh complimentary, however, acc EEC is subject to a formal acc members have completed ar

dignitaries, C-level executives and decision-makers from energy com including national oil companies (I international oil companies (IOCs) companies and global EPC contrac





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Energy Connects





**ELITE NETWORKING** leaders, innovators, and policymakers, fostering connections that can shape

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**PRODUCTIVE MEETINGS** 

meetings in a secluded setting to further enhance networking potential.



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newsletter subscribers



### Honouring leaders and innovators

The EGYPES Energy Awards takes centre stage as an integral part of EGYPES 2025, paying tribute to visionaries in innovation, fostering collaboration, and honouring the trailblazers who are steering the transformation of the energy sector towards a sustainable future for all. In alignment with EGYPES' overarching theme, this year's awards ceremony actively supports the industry's unification and acceleration of energy transition initiatives, along with groundbreaking solutions to decarbonise, ensuring a sustainable and secure future for the entire global community.

### FROM ENERGY PIONEERS



ENG. MOATAZ ATEF Undersecretary for Minister's Technical Office and Official Spokesperson **Egyptian Ministry of** Petroleum & Mineral Resources



AMRO ISMAIL EL SHARKAWI North Africa (NAF) Area Director MENATI Oilfield Services & Equipment **Baker Hughes** 



KHALED GAD Managing Director & GM Rashpetco



TAREK ABDEL-AATY **MENA Environmental** Manager HSE/ Facility Manager for Dubai & JA Hubs SLB



Official Media Partne

Energy Connects

ROSS CASSIDY Vice President, Middle East & North Africa Welligence Energy Analytic

### **AWARDS CATEGORIES**



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**BEST BREAKTHROUGH PROJECT OF THE YEAR** 

Celebrating pioneering advancements in energy, this award recognises transformative projects that redefine industry standards. From innovative clean energy technologies to cutting-edge solutions in decarbonisation, energy efficiency, methane reduction, and hydrogen innovation, this category honors game-changing initiatives driving the energy transition forward.



Recognising superior performance in operational efficiency, this

award celebrates projects in fields, plants, or refineries that optimise processes, reduce costs, enhance reliability, and uphold sustainability. It honours teams and initiatives setting new standards in operational excellence across the energy sector.



### **BEST HEALTH AND SAFETY PROJECT** OF THE YEAR

This award acknowledges excellence in safeguarding lives and the environment across the energy value chain-upstream, midstream, and downstream. It highlights projects that demonstrate exceptional health and safety practices, including energy transition initiatives, ensuring the well-being of workers and communities while meeting industry benchmarks.



### YOUNG ENERGY PROFESSIONAL OF THE YEAR

This award celebrates next-generation leadership and talent in the energy industry. Recognising rising stars—both male and female—who exemplify innovation, ambition, and leadership, it honours young professionals driving change, contributing to impactful projects, and inspiring the future of energy.



Official Media Partner Energy Connects

### **EGYPES GALA DINNER**

### Atmosphere of celebrating excellence

Be part of a memorable evening duri EGYPES 2025 to celebrate shared p in the company of industry colleage across the international energy cor As you enjoy the evening, experie power of premium networking to connections, strengthen curren and unite over ambient music and in the presence of live entertain performances. The EGYPES 20 will bring together key figures international energy sector for dedicated to celebrating industry progress and fostering collaboration. A will have the opportunity to network with colleagues and peers in a relaxed setting that combines fine dining, liv and ambient music. This invitation-only event is organised in collaboration partners, with RSVPs extended to major stakeholders in advance of th The Gala Dinner serves as a p meaningful exchanges, highlighting the shared achievements and partnerships driving the energy sector forward.







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### Addressing the energy trilemma through dialogue

The need for open dialogue to deliver energy security, energy affordability and energy sustainability remains constant. The energy trilemma challenges, whether strategic or technical, must be addressed to build a secure and sustainable energy future. Not recognising geopolitical tensions, trade constraints or global crises, the trilemma requires all stakeholders including government officials, policymakers, industry leaders, investors, engineers, tech champions and solution providers to drive a cohesive yet multi-faceted path towards our energy future.

2,500 +**Conference Delegates** . . . . . . . . .

STRATEGIC CONFERENCE

Pragmatic, secure and sustainable energy development The EGYPES Strategic Conference connects global industry leaders annually in Cairo to share strategic thought leadership insights and engage in positive open dialogue for industry growth, energy security and a sustainable future.

### SUSTAINABILITY IN ENERGY CONFERENCE

Driving realistic decarbonisation targets by 2030 The global energy mix is rapidly shifting from fossil fuels to low carbon sources, leading to the formation of new ecosystems and the emergence of innovative climate solutions. The EGYPES 2025 Sustainability in Energy Conference will explore the latest advancement in decarbonisation, clean energy and strategies to achieve significant climate targets by 2030.

### AFRICAN DIALOGUE CONFERENCE

Bridging north and sub-saharan africa energy markets Despite holding nearly one-tenth of the world's proven natural gas reserves, more than 700 million Africans lack access to electricity and clean cooking facilities. The EGYPES 2025 African Dialogue Conference will discuss key drivers, potential, barriers, and solutions for developing energy value chains to meet the continent's energy needs.

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### The region's leading energy conferences



he EGYPES 2025 Conferences play a vital role in fostering engagement among government officials, policymakers, industry leaders, influencers and engineers, offering valuable opportunities for knowledge exchange and technical enrichment. With a strong focus on sustainability and climate-conscious practices, EGYPES drives impactful discussions around the responsible production of oil and gas. The Conferences also highlight the industry's increasing dedication to energy transformation and the pursuit of a net-zero future. By convening diverse stakeholders, EGYPES drives conversations that shape the energy landscape, promote innovative solutions, and pave the way for a more sustainable and environmentally friendly energy sector.





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The EGYPES 2025 Finance and Investment in Energy Conference will gather experts to drive meaningful dialogue on how global economies can build a resilient energy future to balance immediate energy security and affordability concerns, while financing the energy transition.

### LEADERSHIP & DEVELOPMENT CONFERENCE

#### Shaping the future of energy across industry, technology, workforce and cultures

The EGYPES Leadership & Development Conference brings together C-level executives to explore strategies, cutting-edge technologies, and evolving workforce dynamics that enable leaders to deliver a prosperous and secure energy future with an abundance of readily available talent.





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### A selection of global industry leaders



HE Karim Badawi Minister of Petroleum and Mineral Resources Arab Republic of Egypt



HE George Papanastasiou Minister of Energy, Commerce and Industry Cyprus

HE Dr Saleh Al Kharabsheh Minister of Energy and Mineral Resources Hashemite Kingdom of Jordan



Secretary General **East Mediterranean Gas** Forum (EMGF)

...

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John Ardill Vice President Global Exploration ExxonMobil



**Randy Neely** Chief Executive Officer Capricorn Energy

Adnan Bu Fateem

Mubadala Energy

Rami Yassine

Halliburton

Chief Operating Officer

Senior Vice President, MENA

Ali Al Jarwan

**Dragon Oil** 

Chief Executive Officer



Salah Abdel Kerim CEO **Egyptian General Petroleum** Corporation (EGPC)



Fabrizio Botta Chief Operating Officer **Energy Carriers** Saipem



Ali Zerouali

Chief Development Officer HIF Global





### speaking at EGYPES 2025 conferences



**HE Dr Saeed Suleiman** Al-Shamasi Minister of Oil and Minerals Yemen



**HE Mohamed Hamel** Secretary General **Gas Exporting Countries** Forum (GECF)



Sona Yu Executive Chairman United Energy Group (UEG)



Ahmed El Hoshy Chief Executive Officer Fertiglobe



Gu Xiaodong Vice President & General Manager, Green Hydrogen **United Energy Group** 



Wael Lotfy Chairman and Chief Executive Officer Enppi



**Anastasios Vlassopoulos** Chief Executive Officer **HELLENiQ Upstream** 



**Ihab Girgis** Chief Operating Officer Cheiron





**Olakunle Williams** 

Tetracore Group

Chief Executive Officer



Nicolas Evanoff General Counsel & Chief Legal Officer **Apex International Energy** 



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HE Eng Jamal Al Loughani Secretary General **Organization of Arab Petroleum** Exporting Countries (OAPEC)

**Clay Neff** President **Chevron International Exploration** 

HE Dr Omar Farouq Ibrahim

The African Petroleum Producers

Secretary General

and Production

Youssef Salem

Manal Hassan

Lvnda Tezkratt

DNV

Managing Director Africa

**El Sewedy Electric** 

Chief Sustainability Officer

ADNOC

Chief Financial Officer

Association (APPO)





HE Dr Amani Abou-Zeid Commissioner for Infrastructure, Energy & Digitalisation African Union



**Jassim Al Shirawi** Secretary General International Energy Forum (IEF)



Houda Ben Jannet General Director Organisation Méditerranéenne de l'Energie et du Climat (OMEC)



Lorenzo Simonelli Chairman and CEO **Baker Hughes** 



**Girish Saligram** President and Chief Executive Officer Weatherford



Alaa El Batal First Undersecretary and Supervisor, HSE, Energy Efficiency and Climate **Ministry of Petroleum and** Mineral Resources



**Karim Amin** Member of the Executive Board Siemens Energy AG



Quentin Debuisschert Chairman and CEO Axens



Guillaume Verhaeghe New Energy Director, MENA **SLB New Energy** 



Jessica Jackson Vice President, EH&S, Supply Chain and Midstream & Marketing Apache Corporation



Helen Aigbe Brume Director, Project and Asset Based Finance African Export-Import Bank



Zakaria Dosso Managing Director Africa Energy Investment Commission



Sergio Molisani Chief International Asset Officer Snam



Loïc Jaegert-Huber Regional Director, North Africa Engie



**Eleanor Rowley** Managing Director Egypt **Capricorn Energy** 



Narayanan Valayaputtur Chief Executive Officer EBIC, EFC

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### STRATEGIC CONFERENCE

### Pragmatic, secure and sustainable energy development



he oil, gas and energy industry remain robust despite the pace of change dictated by increasing geopolitical tensions and colliding crises affecting all countries globally. Markets continue to shift, and partnerships continue to evolve as climate mandates continue to dominate government, policy, and industry.

Affordable and secure energy supplies today demand continued access to funding for fossil fuels, that are climate conscious, low carbon and transformative. However, these investments must not overshadow the industry's continued focus upon advances in clean, green and renewable energies and pioneering technologies.

Decarbonisation, methane reduction, emissions abatement and energy efficiency all sit top of the innovation agendas at strategic and technical levels in the race to meet growing demands for low-carbon energy systems. As the energy transition advances, as commitments become actions, the industry continues its journey as the catalyst of change, leading the transition, championing decarbonisation initiatives and delivering a just and secure energy supply for all.

Through a series of keynote addresses, interactive panel discussions and interviews, the EGYPES Strategic Conference provides you with the thought leadership on future energy strategies and a deep dive on the industry issues at the top of government and organisational agendas.



Our focus will be on opportunities related to advancements in energy technologies, sustainable practices, and collaboration with experts in renewable and clean energy, decarbonisation, and efficiency."

HANY ESMAT IBRAHIM Chief Executive Officer and Country Head PETRONAS

### **BOOK YOUR DELEGATE PASS**

### **CONFERENCE THEMES**

ACCESSING SECURE AND SUSTAINABLE ENERGY TODAY

Reliable and affordable energy is essential globally for both short and long-term prosperity. While near-term efforts focus on efficient hydrocarbon use with lower emissions, the long-term goal is to triple renewable capacity and scale low-carbon solutions.

### • TAKING STOCK OF THE ENERGY **TRANSITION**

Urgent emission reductions are required as the 1.5°C target nears. Industry must act now to decarbonize and meet alternative pathways.

### • SECURING ENERGY TRADE, PARTNERS, AND INVESTORS

Reforms attract investments, fostering international partnerships, enhancing trade markets, and building low-carbon infrastructure to support competitive and future-ready economies.

### • CHARTING NEW ENERGY BUILDOUT

Expanding clean energy infrastructure, replacing fossil systems, and advancing renewables like solar, wind, hydrogen, and biofuels are crucial for decarbonization.

### • DIGITAL, AI, INNOVATION, AND ENERGY

Al enhances clean tech productivity, but trust, security, and critical mineral shortages pose challenges as demand for resources increases.

### GAS TRANSITION OR DESTINATION

Gas, championed as a transitional fuel, combats energy poverty through carbon reductions, flaring elimination, and carbon capture advancements, particularly in Africa.



HE Karim Badawi Minister of Petroleum and Mineral Resources Arab Republic of Egypt



HE Dr Saeed Suleiman Al-Minister of Oil and Minerals Yemen



HE Eng Jamal Al Loughani Secretary General Organization of Arab Petroleum Exporting Countries (OAPEC)



HE Mohamed Hamel Secretary General **Gas Exporting Countries** Forum (GECF)



Ali Al Jarwan Chief Executive Officer **Dragon Oil** 



Sona Yu Executive Chairman United Energy Group (UEG)



andy Neely Chief Executive Officer Capricorn Energy



Erik Nyheim President and Chief Executive Officer -löegh Evi



Maria Rita Galli Chief Executive Officer DESFA



Ahmed El Hoshy Chief Executive Officer ertiglobe



Andreas Shiamishis Chief Executive Officer HELLENIQ ENERGY

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### STRATEGIC CONFERENCE SPEAKERS



HE George Papanastasiou Minister of Energy Commerce and Industry Cyprus



HE Dr Amani Abou-Zeid Commissioner for Infrastructure, Energy & Digitalisation African Unio



HE Dr Omar Faroug Ibrahim Secretary General The African Petroleum Producers Organisation (APPO)



Dr Houda Ben Jannet General Director ganisation Méditerranéenne e l'Energie et du Climat



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



**Girish Saligram** President and Chief Executive Officer Weatherford



Salah Abdel Kerim Chairman **Egyptian General Petroleum** Corporation (EGPC)



Yassin Mohamed **Executive Director** Egyptian Natural Gas ding Company (EGAS)



**Mathios Rigas** Chief Executive Officer Energean



Karim Amin Member of the Executive Board Siemens Energy AG



Quentin Debuisschert Chairman and Chief Executive Officer



HE Dr Saleh Al Kharabsheh Minister of Energy and Mineral Resources Hashemite Kingdom of Jordan



Jassim Al Shirawi Secretary General International Energy Forum (IEF)



HE Osama Mobarez Secretary General East Mediterranean Gas Forum (EMGF)



Lorenzo Simonell Chairman and Chief Executive Officer Baker Hughes



John Ardill Vice President Global Exploration ExxonMobi



Alaa El Batal First Undersecretary and Supervisor, HSE, Energy Efficiency and Climate inistry of Petroleum and Mineral Resources



Alessandro Pulit Chief Executive Officer



Naser Al Yafei Chief Executive Officer Arcius Energy



Terje Pilskog Chief Executive Officer Scatec



lbrahim Mekky Chairman Egyptian Petrochemicals lolding Company (ECHEM)



Alan Linn Chief Executive Officer Cheiron





STRATEGIC CONFERENCE

### MONDAY 17 FEBRUARY 2025

10:00 - 12:00

Pragmatic, secure and sustainable energy development

14:00 - 14:45

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As global geopolitical tensions intensify, the industry remains resilient, continuing to strengthen international partnerships to support risks surrounding energy security and reliable supply for domestic consumption and export. At the same time, governments are safeguarding economies with industrial policy measures designed to position their countries to capture increased share of global markets.

HE Karim Badawi Minister of Petroleum and Mineral Resources Arab Republic of Egypt











14:45 - 15:30

Whilst decarbonisation is a rightly much needed and unstoppable reality, and whilst business leaders strive to deliver a balanced and realistic energy future to provide energy security, satisfy current energy demand and ensure the transition is fair and just, reliance on fossil fuels remains, for now. With growing pragmatism, rather than an either-or scenario, business leaders are better positioned to make confident decisions and play a decisive role in expediting progress whilst satisfying shareholders, to mitigate risks and seize opportunities across both the traditional and renewable value chains.











As we move towards a cleaner, lower-carbon energy system and as nations continue efforts to diversify and deliver new sources of home-grown energy to support rising demands, the need to maintain reliable energy to power nations and industries remains. With its already low-carbon footprint, continued investment, innovation and collaboration in gas is the logical step towards the rollout of renewables.



### **TUESDAY 18 FEBRUARY 2025**

10:30 - 11:15	Powerin

Ensuring electricity is available at the flick of a switch, air conditioning accessible to keep cool and heating to keep warm, fuels to power electricity are a 24/7 necessity for humanity. As the energy system transitions, and as renewables including solar and wind become more readily and instantly available to power the grid, most future electricity will be generated by renewables. However, in the short-term, low-carbon gas still has an important role to play in providing reliable and flexible electricity supply.



EGYPE



The oil and gas industry has been working relentlessly, taking action against harmful emissions to power a safer, net-zero future. As efforts ramp up, the potential is vast. However, with costs remaining high, investment, scale, deployment and implementation of a variety of novel technologies and methods must continue if we are to meet the magnitude of emissions removal needed in the coming decades.

> Alaa El Batal First Undersecretary and Supervisor, HSE, Energy Efficiency and Climate nistry of Petroleum and eral Resources



**Girish Saligram** President and Chief Executive Officer Weatherford



John Ardill Vice President Global Exploration



Naser Al Yafei Chief Executive Officer **Arcius Energy** 



**Karim Amin** Member of the Executive Board nens Energy AG



Terje Pilskog Chief Executive Officer Scatec







### STRATEGIC CONFERENCE

11:15 - 12:00

In the last few years, gas interdependencies and LNG supply and demand fundamentals between North African and East Mediterranean stakeholders have changed considerably. With these changing dynamics, jointly unlocking and monetising the regions gas and further developing buyer-seller markets through energy corridors, plus creating demand for hydrogen and low-carbon fuels, remains high on international trade agendas and partnership agreements.



12:00 - 12:45

Widely recognised, the Global Methane Pledge calls for the reduction of global methane emissions by at least 30% by 2030. In supporting the pledge, the first ever EU rules to curb methane emissions from global energy imports, the EU Methane Regulation, is a pivotal lever to further decarbonise natural gas and help combat climate change in Europe. With renewed industry realism on the energy transition commanding all forms of energy, including low-carbon fossil fuels, natural gas is again being slated as a transition or destination fuel of choice, warranting even more focus on curbing methane emissions and routine gas flaring and venting.



13:45 - 14:30

As fuels and refined product regulations and consumer buying dynamics continue to challenge refiners, by striving for higher margins and greater profitability, the downstream sector has the power to transform. Through value-added processing, renewables diversification and close alignment and integration with other sectors including mining for critical minerals, countries can stimulate industrial development and local manufacturing, strengthening and shortening the supply chain, creating localised jobs and economic gains.









16:00 - 16:30

Having taken office in July 2024, by February 2025, HE Karim Badawi, Minister of Petroleum and Mineral Resources will have been in office 8 months. In this exclusive interview, we take a look at the short-term priority issues tackled during this time, including securing domestic energy supplies, tackling international partner arrears and investment incentives, plus a renewed upstream programme and new bid round offering. As the next 12 months unfold, high on the Ministry's critical agenda is collaboration with East Med partners to monetise assets and infrastructure, acceleration of upstream projects running at full capacity, clear commitment to develop a competitive, investment attractive low-carbon economy and acceleration of MOU signed renewable end-to-end energy projects.



16:30

Pavan Chilukuri Vice President Group Head CCUS



#### The importance of bankable energies

For the energy ecosystem to thrive, buy-in and investment in traditional, renewable and alternative energy projects is vital to expedite progress and unlock opportunities towards net-zero energies. Technology scale-up, project integration and infrastructure availability alongside market demand, offtake agreements and pricing clarity are clear indicators of practical, feasible and commercially promising

Technology is shaping the industry, enhancing business competitiveness and creating growth opportunities in both new and traditional energy. Together, tech companies and energy producers are using their global reach, cross industry expertise, talented teams and deep pockets to fund and deploy low-carbon, alternative and renewable energies and infrastructure. However, with the rise of AI, data centres are causing electricity demand to soar, making electrification, storage and energy efficiency ongoing key areas of focus, whilst hydrogen







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# Driving realistic decarbonisation targets by 2030



he global energy mix is rapidly shifting from fossil fuels to zero-carbon sources. As the energy transition gains momentum, governments and industrial sectors are working hard to decarbonise their economies, leading to the formation of new ecosystems and innovative climate solutions.

These developments are helping to increase the adoption of renewables to fulfil power needs, develop low carbon fuels, improve energy efficiency, reduce emissions and create new markets for CCUS deployment and digital technologies. At the same time, many of these commonly pursued steps towards decarbonisation, such as increased electrification, natural gas utilisation and widespread use of solar, wind,



ammonia and hydrogen pose unique challenges which makes the journey to net-zero more complex. The EGYPES 2025 Sustainability in Energy Conference brings together climate

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Governments, industry leaders, innovators, and communities must unite in a shared mission for a sustainable future, leaving no one behind."

NADJA WENDLER Vice President, Sustainability Wintershell Dea

and energy transition thought leaders to discuss strategies for accelerating decarbonisation over the next decade and achieving significant interim targets by 2030.







Fabrizio Botta Chief Operating Officer Energy Carriers Saipem



Gu Xiaodong Vice President & General Manager Green Hydrogen United Energy Group



Rami Yassine Senior Vice President, MENA Halliburton



Sohbet Karbuz Director, Natural Resources and Energy Security Organisation Méditerranéenne de l'Energie et du Climat



Norinao Sato President & Chief Executive Officer, Middle East & Africa Yokogawa



Ilaria Parrella Emissions Abatement, Executive Director, Climate Technology Solutions Baker Hughes



Siddharth Malik Chief Executive Officer Vulcan Green Energy



Janka O'Brien Sustainability Director, MEA Emerson



Giacomo Matarazzo Development and Strategy Director Teréga



Hüseyin Çiloğlu Chief Executive Officer PiKARE SKYSOURCE

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### SUSTAINABILITY IN ENERGY CONFERENCE SPEAKERS



Dietmar Siersdorfer Managing Director Middle East and Africa Siemens Energy



Khaled Bin Saeed Chief Executive Officer Al Fanar Gas Group



Guillaume Verhaeghe New Energy Director, MENA SLB New Energy



Mohamed Amer Executive Vice President Green Hydrogen Scatec



Wassim Ghadban Senior Vice President Digital & Al Kent



M. Belgacem Merad Senior Vice President, MENA Weatherford



James Schofield Deputy Director Industrial Transition Accelerator



Dr Faye Gerard Energy Transition Director International Association of Oil and Gas Producers (IOGP)



Ahmed Osama General Manager, Energy Efficiency Department Ministry of Petroleum and Mineral Resources



Ahmed Samir Elbermbali Sustainability Market Leader Bureau Veritas



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



Hesham Zubari Chief Al & Innovation Officer Dragon Oil



Grammenos Mastrojeni Senior Deputy Secretary General Union for the Mediterranean



Jessica Jackson Vice President, EH&S, Supply Chain and Midstream & Marketing Apache Corporation



Manal Hassan Chief Sustainability Officer El Sewedy Electric



Giorgi Bibineishvili Head of Upstream Georgian Oil and Gas Corporation



Khalid Al Dossery Vice President, Energy Transition & Sustainability TAQA



Abir Leheta Chief Executive Officer EGYtrans



Hany Shoukri Vice President & General Manager Downstream, IMEA Nalco Water, An Ecolab Company

Vito Saluto Head of ESG AMEA Power



Mohammad Abu Zahra Head of Middle East and North Africa Global CCS Institute



Choeib Boutamine Energy Advisor & Chief Executive Officer Ranadrill Consulting

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**TUESDAY 18 FEBRUARY 2025** 

and consumption must undergo rapid yet profound changes.

**KEYNOTE SPEECHES** 

10:00 - 10:10

10:10 - 10:20



### SUSTAINABILITY IN ENERGY CONFERENCE

11:00 - 11:40

The oil and gas industry is grappling with the dual challenge of decarbonising while still meeting the world's energy demands. Methane emissions and flaring are among the most significant and visible contributors to greenhouse gases from the sector's operations. In response, operators are implementing methane abatement technologies incorporating renewables to meet power needs. Following the EU's newly introduced legislation to curb methane emissions in the EU and globally, exporters outside of Europe are required to measure, monitor, report, and verify emissions, with similar standards as EU operators. This legislation also impacts national oil companies, pushing them to align with global methane management practices and improve operational transparency, highlighting a new era of accountability and stricter environmental compliance across the industry.





Diversifying the global energy mix and increasing the share of renewable and clean energy sources are crucial steps in addressing the growing demand for energy while mitigating climate change. This transition, which is driving the need for critical minerals to manufacture clean technologies, involves integrating a broader range of energy sources, such as solar, wind, and hydro, and adopting low-emission fuels like hydrogen, synthetic fuels, biofuels, and ammonia. By increasing the adoption of climate technologies, the industry can enhance the stability and resilience of energy systems, reduce dependence on fossil fuels, and significantly lower greenhouse gas emissions. At the heart of this transformation, startups are driving the next wave of low-carbon innovations, providing the breakthrough technologies and solutions that hold the key to achieving a net-zero future.



As sustainability becomes more integrated into corporate business models, the energy industry is constantly reevaluating how it operates using ESG metrics while it navigates the journey to net-zero. ESG reporting not only allows companies to demonstrate their progress towards becoming more environmentally friendly and reducing emissions, it also opens up new opportunities for innovation, efficiency, and resilience, all while reducing costs and maximising profits.





Jessica Jacksor Vice President, EH&S. Supply Chain and Midstream & Marketing **Apache Corporation** 



In the face of escalating climate change, the global urgency to transition to sustainable energy sources has never been more critical,

nations transition to a more diversified energy mix, ensuring a reliable and uninterrupted energy supply becomes increasingly complex.

With continued global economic instability, governments are putting more emphasis on security and resilience whilst simultaneously

enhancing upstream production sustainably. To help balance sustainability and decarbonisation goals, energy production, distribution,

demanding swift and transformative action to reduce greenhouse gas emissions and expedite decarbonisation. However, energy

remains a vital pillar of economic growth and development, making security and affordability paramount concerns. As developed

In many regions, the oil and gas industry plays a crucial role in ensuring a stable and sustainable supply of electricity by supplying essential fuel to power stations. Egypt has faced gas shortages and rolling power cuts during 2024, highlighting the significance of reliable oil and gas production in maintaining the nation's energy security. Rising local power consumption and disruptions in electricity supply have prompted the Egyptian government to ramp up oil and natural gas production to stabilise the electrical grid. At the same time, utilising gas as the bridge towards renewables, there is a strong push long-term to adopt energy sources like solar and wind, enhancing grid capacity, and decarbonising the electricity system to support power generation.

Balancing the Energy Trilemma: Navigating Sustainability, Security, and Affordability

### PANEL DISCUSSIONS

10:20 - 11:00

Increasing the Sustainable Production of Oil and Gas to Support Stability of Electrical Supply

Natural gas is widely recognised as the cleanest, most efficient, and versatile fossil fuel available today. As global economies navigate the path towards a low-carbon future, natural gas has been identified as a crucial component to support climate mitigation. Its abundance, competitive cost of supply, immediate availability and ability to complement renewable energy make it an important component of the energy mix. Additionally, when used for power generation instead of coal, natural gas significantly reduces emissions, contributing to a cleaner and more sustainable environment. For these reasons, the sector advocates for natural gas to not only play a pivotal role in the energy transition but also to serve as a long-term destination fuel.





#### Eliminating Methane Emissions, Reducing Flaring and Electrifying Operations

Ilaria Parrella Emissions Abatemen Executive Director, Climate Technology Solutions Baker Hughes

Ahmed Osama General Manager, Energy Efficiency Department Ministry of Petroleum and Mineral Resources



Giorgi Bibineishvili Head of Upstream Georgian Oil and Gas Corporation



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

#### Diversifying into New Energies and Enabling Clean Technologies

Guillaume Verhaeghe New Energy Director, MENA **SLB New Energy** 

#### Demonstrating Sustainability and Emissions Reduction through Effective ESG Reporting



Janka O'Brien Sustainability Director, MEA Emerson



Vito Saluto Head of ESG **AMEA** Power subject to





Official Media Partner Energy Connects

### SUSTAINABILITY IN ENERGY CONFERENCE

15:00 - 15:30

The downstream sector is leading the energy transition, with a focus on producing low-carbon liquid fuels such as LNG, SAF, biofuels, synthetic fuels, and renewable fuels to help global economies achieve net-zero emissions. However, scaling up these fuels within the downstream sector presents unique challenges and opportunities. The downstream segment is traditionally built around the processing and distribution of fossil-based hydrocarbons. Transitioning to low-carbon alternatives requires significant changes in refining processes, infrastructure adaptation, and supply chain management. To deliver this, refineries are integrating new technologies and processes capable of handling diverse low-carbon feedstocks while maintaining efficiency, quality and reliability of the final fuel products for exports, especially in European markets, where the EU Carbon Border Adjustment Mechanism requires adherence to specific carbon intensity standards.



15:30 - 16:00

Energy waste contributes significantly to greenhouse gas emissions, increases demand for energy imports, and raises prices for governments and consumers. Energy efficiency is often referred to as the 'first fuel' in the energy transition, as it provides some of the quickest and most cost-effective CO2 mitigation options while lowering the consumption of energy and strengthening energy security. The oil and gas sector, traditionally seen as major carbon contributors, has in recent years undergone substantial changes in its approach to achieving maximum energy efficiency. Operators are increasingly focused on reducing their environmental footprint while optimising resource utilisation, from integrating renewable energy sources and circular economy models to incorporating digital technology into their workflows.

16:00 - 16:30	Decarboni

Since the industrial revolution, greenhouse gas emissions have risen sharply, nearly tripling in the past three decades. Hard-to-abate sectors like transport, steel, cement, chemicals, and heavy industry remain heavily reliant on fossil fuels, particularly coal, which continues to dominate energy consumption in these industries. Decarbonising these challenging sectors requires a comprehensive approach, including enhancing energy efficiency, deploying carbon capture, utilisation, and storage (CCUS), and substituting fossil fuels with cleaner energy sources such as renewables, nuclear energy, and hydrogen. However, the transition to clean energy in these sectors faces significant barriers, including the variability of renewable sources and the technical challenges of integrating these alternatives into existing industrial processes.





### SUSTAINABILITY IN ENERGY CONFERENCE

14:00 - 14:30

Digitalisation and AI as a Key Enabler of the Energy Transition

Digital technologies and AI are revolutionising the energy sector, with the potential to reduce emissions by up to 20% by 2030. By driving digitalisation, companies are enhancing the efficiency and effectiveness of their existing operations, as well as improving the mechanisms for monitoring and tracking emissions. As the transformative potential of AI and digitalisation expands, the energy sector is discovering new opportunities to optimise energy use, streamline operations, decrease greenhouse gas emissions and also unlock innovative pathways to a decarbonised future. However, implementing digitalisation in the energy sector is not without its challenges. One of the primary hurdles is the significant investment required for upgrading legacy systems and integrating new technologies into existing infrastructures.



Wassim Ghadban Senior Vice President



Senior Vice President, MENA



Norinao Sato

Chief Executive Officer,

Middle East & Africa

President &

Moderator **Dr Faye Gerard** Energy Transition Director national Association of **Oil and Gas Producers (IOGP)** 

14:30 - 15:00

The Role of Ammonia in Realising the Green Hydrogen Economy

The demand for green hydrogen is growing from year to year with market demand estimated to be seven times higher by 2050. Since the transportation and storage of hydrogen is a very complex, expensive and energy-intensive process, the industry is focusing on developing more sustainable distribution methods and grid-scale storage options using ammonia as an energy carrier. Ammonia, which can be synthesised through renewable energy sources, offers a promising solution for transporting hydrogen over long distances. Once it reaches its destination, ammonia can be converted back into hydrogen or used directly as a fuel, making it an increasingly viable option for meeting the growing global demand for green hydrogen. In addition, initiatives like Europe's Green Hydrogen Maritime Corridor are supporting the industry in establishing sustainable trade routes that facilitate the seamless conversion of ammonia back into green hydrogen.



Moderator James Schofield Deputy Director

Industrial Transition Accelerator





Fabrizio Botta Chief Operating Officer Energy Carriers

M. Belgacem Merad

Weatherford

Senior Vice President, MENA

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#### Producing Low-Carbon Downstream Fuels, Feedstocks, and Green Energy



Mohammad Abu Zahra Head of Middle East and Global CCS Institute

#### Enhancing Energy Efficiency Across Upstream, Midstream and Downstream

### sing Hard-to-Abate Industries





Abir Leheta Chief Executive Officer EGYtrans



Moderator James Schofield Deputy Director Industrial Transition Accelerator



Hüseyin Çiloğlu Chief Executive Officer PIKARE SKYSOURCE





### FINANCE & INVESTMENT IN ENERGY CONFERENCE

# Aligning capital with energy security and sustainability



view is accurate as of 22 January 2025. Sessions and topics will continue to evolve and are su

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he energy trilemma, geopolitical tensions, and underinvestment in fossil fuels have driven oil prices to record levels, disrupting trading relationships and prompting global markets to prioritise energy independence. In response, energy security and affordability has become an urgent policy focus for governments.

To address short-term needs, many countries have rolled back green policies to stabilise energy supply chains and limit price shocks, delaying the transition to cleaner fuels. This has led to increased investment in boosting natural gas and oil production, efforts to diversify energy sources, and the formation of regional partnerships to ensure both national and global energy resilience.

While governments and the global energy industry remain committed to achieving net-zero by 2050, there is a growing consensus that the path to decarbonisation will require a more pragmatic and balanced



approach, where capital is gradually deployed towards low-carbon technologies and infrastructure. The EGYPES 2025 Finance and Investment in Energy Conference will gather policymakers, energy leaders, economists, **66** As we navigate the transition towards a more sustainable future, collaboration between governments, businesses, and communities will be key."

ENG. BADER SAEED AL LAMKI Chief Executive Officer ADNOC Distribution

finance and investment experts to drive meaningful dialogue on how global economies can build a resilient energy future to balance immediate energy security and affordability concerns, while financing the energy transition.

### FINANCE & INVESTMENT IN ENERGY CONFERENCE SPEAKERS





Loïc Jaegert-Huber Regional Director North Africa ENGIE



Karim Shaaban Managing Director Rosetta Energy



Abdulla Al Ali Exploration & New Venture Director Dragon Oil



Nathan Piper Commercial Director Capricorn Energy



Ihab Girgis Chief Operations Officer Cheiron



Mohamed Shaker Abouelez Chief Corporate and Structured Finance Officer Banque du Caire



Fares Kikano Climate Finance and Climate Risk Management Consultant IFC



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



(54)





Sergio Molisani Chief International Asset Officer Snam



Salma Al Hajeri Regional Vice President Operations, East-Med & North Africa Mubadala Energy



Leslie Zhang Weihua Vice President & General Counsel United Energy Group



Nicolas Evanoff General Counsel & Chief Legal Officer Apex International Energy



Moataz Serag Egypt Country Director TAQA



Konstantinos Chatzifotis Director of European Affairs Motor Oil Group



Andrew Freear Head of New Business and Commercial Genel Energy



Andrew Davies Partner Norton Rose Fulbright LLP



Aditya Saraswat Research Director, MENA Rystad Energy



Kristian Svendsen Country Director, Egypt Chevron



Greg McDaniel Vice President Egypt Assets and Country Manager Apache Corporation



Abubakr Ibrahim Vice President & General Manager IPR Energy



Bilal Khalid Head of Hydrocarbons and Decarbonisation Arab Energy Fund



Babajide Talabi Chief Operating Officer Gasavant



Haitham Khader Chief Commercial and Investment Officer EHC Investment



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



Wafa Jafri Partner KPMG



Choeib Boutamine Energy Advisor and Chief Executive Officer Ranadrill Consulting



(55)



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**FINANCE & INVESTMENT IN ENERGY CONFERENCE** 

11:30 - 12:10

Strategic infrastructure forms the backbone of global energy trades, connecting gas exporting nations with diplomatic partners worldwide through pipelines, ports, storage facilities, and refineries. With global economic growth projected to increase energy demand by 25% by 2040, governments are forming strategic partnerships and establishing robust trading networks for reliable gas supplies. These networks are essential in facilitating the movement of natural gas across borders, linking key markets in Europe, Asia, and beyond. While challenges such as geopolitics, policies, regulations, and supply chain disruptions persist, the expansion of new gas trade routes, combined with storage and transportation will enable a more secure, affordable and resilient trade system.





12:10 - 12:50

Despite facing challenges related to environmental regulations, fluctuating oil prices, and geopolitical instability, the global demand for oil and gas remains strong, making sustained investment in exploration and production more important than ever. In 2022, capital spending on oil and gas exploration and production rose by 39% to nearly \$500 billion, the highest level since 2015 and the largest annual increase on record. The global number of oil rigs also increased by more than 20% compared to the previous year. However, it is estimated that by 2030, annual spending needs to reach \$640-\$650 billion to ensure adequate hydrocarbon supplies for the global economy. At the same time, the industry faces continued difficulty securing capital due to ESG constraints.





Nathan Piper Commercial Director



Aditya Saraswat Research Director



Choeib Boutamine Energy Advisor and Chief Executive Officer Ranadrill Consulting







Moderato MENA Rystad Energy



**FINANCE & INVESTMENT IN ENERGY CONFERENCE** 

### WEDNESDAY 19 FEBRUARY 2025

### MINISTERIAL KEYNOTE SPEECH

10:00 - 10:10

Sustaining Growth and Investment in Egypt's Oil and Gas Sector

Having gone from gas importer to exporter and setting its sights on becoming a regional gas hub, Egypt is currently seeking to maximise its gas production to address recent shortages. The Egyptian government is implementing plans to gradually lift fuel subsidies by 2025, to balance economic adjustments following the 60% devaluation of the pound since March 2024. With domestic demand outpacing supply, the country has turned to global LNG imports to fill the gap. The government has also prioritised financial support for the sector, ensuring a steady supply of petroleum products for domestic energy consumption, settling outstanding dues to international partners, and incentivising production through export allowances. Additionally, to maintain investor confidence, Egypt is developing an economic model that simplifies tax systems and fiscal policies.

### PANEL DISCUSSIONS

10:10 - 10:50

The New Pragmatism: Confronting the Realities of the Energy Transition

In recent years, the push for climate action has prompted many countries to set ambitious decarbonisation targets, sparking discussions about the need for a pragmatic approach to the global energy transition. This has raised significant geopolitical and policy questions about the pace, feasibility, and practical challenges of achieving net-zero. While governments and the global energy industry remain committed to climate goals, there is a growing consensus that a balanced, realistic approach is required, one that addresses climate change without compromising energy security or economic growth. This advocates for policies that accommodate geopolitical realities, ensuring sufficient time to develop reliable, affordable renewable energy infrastructure, while maintaining investments in oil and gas to safeguard market stability and national energy security.









Moderato

Wafa Jafri

KPMG

10:50 - 11:30

Bringing East Mediterranean Gas to Market

Over the past decade, significant gas discoveries and a surge in exploration activities, including new licensing rounds and offshore drilling projects, have transformed the Eastern Mediterranean into a hotspot for leading international companies. This growing interest is fuelled by the region's untapped natural gas reserves, strategic location, and potential to become a global energy trading hub. These reserves present opportunities for both domestic consumption and international exports, especially as Europe looks for new diplomatic partners to diversify its gas supply. However, the lack of comprehensive cross-border agreements in certain areas and the complexity of coordinating energy development following regional political tensions make it difficult to fully monetise these resources.



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### Leveraging Strategic Infrastructure and Global Trade Networks for Gas



Babajide Talabi Chief Operating Officer Gasavant



Haitham Khader Chief Commercial and Investment Officer **EHC Investment** 

### Securing Supply: Investment in Exploration and Production



Greg McDaniel Vice President Egypt Assets and Country Manager Apache Corporation



Ihab Girgis Chief Operations Officer Cheiron



Moataz Serag Egypt Country Director TĂQĂ



Rouzbeh Fazlineiad Managing Directo Head of MENA Oil & Gas Houlihan Lokey

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### **FINANCE & INVESTMENT IN ENERGY CONFERENCE**

15:50 - 16:30

13:50 - 14:30

### Mobilising Capital for Low Carbon Fuels, Technologies and Infrastructure

As global economies move towards meeting net zero carbon emissions, governments, consumers and stakeholders are looking to the oil and gas industry to play a significant role to meet these targets. To achieve climate targets, substantial investment is required to scale up low carbon energy and innovations like CCUS, green hydrogen, integrating renewable energy into operations and improving energy efficiency. To mobilise government, financial industry and private investment for low-carbon innovations, policies must be designed to create a favourable investment environment, including clear regulatory frameworks, financial incentives, and risk mitigation strategies. These policies should support the scaling of clean technologies and promote collaboration between public and private sectors to ensure the oil and gas industry transitions effectively while maintaining energy security.







FINANCE & INVESTMENT IN ENERGY CONFERENCE

Konstantinos Chatzifotis Director of European Affairs Motor Oil Group

14:30 - 15:10

The Role of Banks and Financial Institutions in the Energy Transition

Banks and financial institutions are among the biggest stakeholders in the energy transition, playing a key role in unlocking the \$3.8 trillion in annual investment needed to deliver energy systems of the future. Most international banks, institutional lenders, and investors have shifted their focus away from financing new oil and gas projects to align their policies with ESG and as part of its efforts to drive down global greenhouse gas emissions. Instead, they're channelling capital into clean energy innovations, renewable infrastructure, and broader decarbonisation solutions that support the accelerated phase-down of fossil fuels. By doing so, financial institutions and the energy sector can accelerate the flow of capital towards new technologies needed for the transition to net zero, while simultaneously bridging the gap between investor expectations and sustainable returns.





Fares Kikano

Consultant

Climate Finance and

Climate Risk Management



15:10 - 15:50

Evaluating LNG Market Dynamics for Buyers and Sellers

Traditionally, LNG has traded under long-term contracts tied to oil prices, but buyers now prefer more flexible, shorter-term contracts, allowing them to adapt to changing market conditions, such as shifts in market demand or regulatory pressures. However, as LNG markets remain tight, both buyers and sellers are seeking more flexible contract structures that balance the need for security with the desire for adaptability. These structures often include options for volume adjustments, destination flexibility, and hybrid pricing mechanisms that reflect real-time market conditions, ensuring both parties can navigate price volatility and evolving geopolitical or environmental factors. The transition towards flexible contracts is creating opportunities for sellers to access new buyers in emerging markets, which might not have entered the market under traditional long-term arrangements.



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Vice Preside Middle East and North Africa Welligence Energy Analytics





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### Looking Back at Oil and Gas M&A Activity in 2024, and What's Ahead in 2025

The oil and gas industry has witnessed a remarkable surge in mergers and acquisitions over the past two years. In 2023, global M&A activity skyrocketed, driven by large cash flows resulting from elevated energy prices following geopolitical constraints. Oil and gas majors have led the way with multi-billion-dollar acquisitions, marking one of the most significant periods of consolidation in the sector. As 2024 unfolded, the first quarter saw the highest level of global upstream dealmaking in five years. However, the motivation for M&A has shifted. The focus is no longer solely on expansion fuelled by profits, but rather on achieving a more competitive cost structure and securing access to capital. With oil prices remaining at lower levels, M&A activity is expected to continue for the rest of 2024 and well into 2025.



Leslie Zhang Weihua Vice President & General Counse **United Energy Group** 



Andrew Freear Head of New Business and Commercial Genel Energy



Nicolas Evanoff General Counsel & Chief Legal Officer **Apex International Energy** 

**Andrew Davies** Partner Norton Rose Fulbright LLP

(59)



### AFRICAN DIALOGUE CONFERENCE

### Bridging North and Sub-Saharan Africa energy markets



frica is home to the world's youngest and fastest-growing populations. Despite accounting for 16% of the world's population, the region faces the lowest level of energy access, with over 700 million people lacking electricity and clean cooking facilities.

As the Global North transitions away from fossil fuels, Africa is in a different stage of development, facing the dual challenge of combating energy poverty while also fuelling its industrial ambitions. Over the next two decades, rapid population growth and industrialisation are expected to significantly increase energy demand across the continent. This necessitates immediate solutions to improve access to reliable energy in order to lower the cost of doing business, create jobs, and unlock economic potential. To meet these rising demands, Africa is implementing policies and regulations to attract substantial



The quest for energy security is the driving force for today's rush for energy transition. Individually, no one African country can successfully surmount the imminent energy challenges posed to it by energy transition.

DR OMAR FAROUQ IBRAHIM Secretary General at African Petroleum Producers Association

investment in its oil and gas reserves and catalysing action on energy infrastructure development. Harnessing its hydrocarbons offers a quick and affordable solution to end the continent's energy deficit, lifting hundreds of millions of people out of poverty and propelling industrial and commercial development. The EGYPES

2025 African Dialogue Conference brings together top government officials, policymakers, and key stakeholders from North and Sub-Saharan Africa's energy industry to discuss strategies for enhancing cross-regional cooperation and address the challenges and opportunities in achieving energy security.



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### AFRICAN DIALOGUE CONFERENCE SPEAKERS





-lelen Aigbe Brume Director, Project and Asset Based Finance African Export-Import Bank







Anis Aboulnaga Country Director, Egypt Chevron Internationa roducts



Emeka lheme Chief Executive Officer Gasavant Africa



vnda Tezkratt Managing Director



Hussam Abuseif Vice President Africa and Iraq TAQA



Guido D'Aloisio Chief Commercial Officer



Ali Zerouali Chief Development Officer **HIF Global** 



Veronica Bolton Smith Founder The Connect Africa Network







**Anibor Kragha** Executive Secretary **African Refiners & Distribution Association** 



Suzanne Coogan Vice President, Heartland Exploration & Namibia Shall



Kamal Mabok Vice President Nile Delta Petroleum Co



Ndubuisi Maduemezia Senior Vice President SLB



HE Khamis Juma Buamim Chairman & Group Chief Executive Officer KBI-UAE



**Omar Amin** Vice President, Projects **Rosetta Energy** 



Reuel Andrews Senior Director and Head. Energy Resources **Africa Finance Corporation** 



Arwa Temim Chief Commercial Officer Empower New Energy



Gianluca Ciricugno Enterprise Growth Market Director, Africa Baker Hughes



Wael Lotfy Chairman and Chief Executive Officer Enppi



Moustafa Rashad Group Chief Executive Officer EHC Investment



Zakaria Dosso Managing Director **Africa Energy** nvestment Commission



Olakunle Williams Chief Executive Officer **Tetracore Group** 



Ifechukwude Uwaieh Managing Director **GreenMax** Capital Group



Fabien Lundy Vice President Axens



Tarek Hosny Head of Investments and Projects Fertiglobe



Mohamed Atef Chief Commercial Office, Africa El Sewedy Electric



Henry Ikem Obih Independent Non-Executive Director Fidelity Bank Plc





AFRICAN DIALOGUE CONFERENCE

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### **AFRICAN DIALOGUE CONFERENCE**





Despite holding nearly one-tenth of the world's proven natural gas reserves, Africa faces significant challenges in fully realising this resource's potential, including insufficient infrastructure, limited access to financing and regulatory hurdles. The Russia-Ukraine conflict, which drastically reduced Russian gas supplies to Europe, spurred an urgent search for alternative gas sources. While the global growth in LNG demand has allowed African countries to capitalise on their gas resources through lucrative export markets, the continent's export capacity remains relatively small compared to its potential. However, with new market conditions driving investments in LNG supply, Africa has an opportunity to position itself as a key player in the global energy supply chain while simultaneously addressing its energy deficit by providing reliable and affordable energy for domestic consumption.



SLB

Senior Vice President



### **TUESDAY 18 FEBRUARY 2025**

### **KEYNOTE SPEECHES**

10:00 - 10:10

Enabling Cross-Regional Collaborations Between North and Sub-Saharan Africa

The African oil and gas industry is diverse, with significant resources in both North and Sub-Saharan Africa's upstream and downstream markets. Cross-regional collaboration between both regions can play a key role in addressing significant oil and gas development challenges across Africa, increasing energy security and accelerating industrialisation. By enhancing cooperation, countries from both regions can develop shared infrastructure, such as transnational pipelines and refineries, as well as harmonise regulatory frameworks to establish regional standards, resulting in smoother cross-regional operations and increased investment. These strategic alliances can benefit the continent's oil and gas sectors while also promoting economic growth and stability, diversifying gas export routes, and facilitating the development of an interconnected energy network.

10:10 - 10:20

Creating New Pathways for Industrialisation Across the Continent

In Africa and other developing regions, the energy transition cannot solely focus on decarbonisation. A global transition away from carbon-based fuels must also address the need to close the energy access gap and support productive uses that drive new avenues for industrialisation. As a result, the continent is looking to capitalise on its hydrocarbon discoveries to meet the demands of its growing population, such as natural gas, which plays a pivotal role in Africa's energy future as a cost-effective solution for providing secure energy. At the same time, opportunities for green energy can coexist alongside traditional fossil fuels, supporting economic transformation, with renewable sources like wind and solar being essential in diversifying Africa's energy mix and reducing the continent's electricity access deficit.

### PANEL DISCUSSIONS

10:20 - 11:00

Building a Balanced and Affordable Energy Mix in Africa

Creating a balanced and affordable energy mix is essential for Africa to achieve energy security and sustainable development. While the Global North progresses toward a net-zero future and shifts to renewable energy, phasing out of fossil fuels risks undermining Africa's energy security. Although Africa contributes less than 4% to global carbon emissions, it faces disproportionate impacts from climate change, influenced by centuries of industrial activity in developed economies. Investing in Africa's oil and gas sectors remains critical to bridging the continent's energy deficit, reducing poverty, and accelerating industrial growth. At the same time, revenue from these resources can be strategically reinvested to diversify the continent's energy mix and support long-term sustainability.





Executive Secretary African Refiners & ibution Associatio

ibor Kragha

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### Harnessing Africa's Natural Gas for Energy Security and Export Markets



Moustafa Rashad Group Chief Executive Officer EHC Investment



Gianluca Ciricugno Enterprise Growth Market Director, Africa Baker Hughes





Chief Executive Officer Tetracore Group

Olakunle Williams

Guido D'Aloisio Chief Commercial Officer Saipem





### **AFRICAN DIALOGUE CONFERENCE**

PANEL DISCUSSIONS

11:40 - 12:20

Marcin Lapa

Ahmed Al-Qassimi

uel Andrews

Enerav Resources

Senior Director and Head,

rica Finance Corporation

Office of His Highness Sheikh

President

**TUESDAY 18 FEBRUARY 2025** 

and can help governments navigate the transition to renewable energy effectively.

Official Media Partner



### **AFRICAN DIALOGUE CONFERENCE**



14:00 - 14:40

Helen Aigbe Brume

Based Finance

Zakaria Dosso

**Africa Energy** 

Managing Director

Director, Project and Asset

vestment Commission

African Export-Import Banl

Following the mounting pressure from climate change concerns and Environmental, Social, and Governance (ESG) criteria, financial institutions have increasingly adopted policies to curb funding for fossil fuel projects worldwide. As a result, there has been a significant reduction in investment in Africa's upstream oil and gas sector, which remains crucial for the exploration and production of the continent's vast energy resources. To address these funding challenges, the African Energy Bank was recently established to support the exploration and development of new fossil fuel reserves. African governments can also help secure private sector investment for oil and gas projects by expediting regulatory approval for mergers and acquisitions and giving favourable profit-sharing, royalty, and tax rates that allow investors to recover costs faster.



roducts

Scaling up Energy Security Through Investment in Africa's Downstream Sector

Ifechukwude Uwaieh

**GreenMax Capital Group** 

Veronica Bolton Smith

he Connect Africa Network

Managing Director

Moderator

Founder

Leveraging Public-Private Partnerships for Africa's Energy Infrastructure Development

Most African governments are facing challenges in closing the energy infrastructure gap due to increasingly limited fiscal capacities.

To bridge this gap public-private partnerships have become a widely embraced approach, allowing state-owned entities to leverage

private sector investment for the development of sustainable energy projects, while also providing the infrastructure needed to produce, process, transport, and distribute oil and gas. However, the success of public-private partnerships depends on creating an enabling environment through clear policies and regulatory frameworks that can attract private sector developers and financiers. With the right conditions in place, public-private partnerships can play a pivotal role in catalysing Africa's energy infrastructure development

Chief Commercial Officer

mpower New Energy

Chief Commercial Office,

Arwa Temim

Mohamed Atef

**El Sewedy Electric** 

Africa

Africa's downstream sector has for a long time been recognised as a market with untapped potential and immense opportunity. As the continent makes significant strides in advancing its downstream infrastructure as part of broader efforts to enhance energy security and affordability, the sector is seeing increased investment. With petroleum demand projected to rise from 4.1 million barrels per day to over 5.3 million by 2040, strengthening refining capacity and distribution is crucial for improving access to energy regionally. Moreover, this development presents a lucrative opportunity for Africa to not only meet its own energy needs but also produce high-quality fuel for exports, positioning the continent as a competitive player in the global energy market, whilst reducing reliance on imported oil and gas.

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Almost four in five Africans use traditional cooking methods, which include open fires and inefficient stoves, and often rely on biomass fuels like wood, charcoal, and dung. These methods produce significant indoor air pollution, contributing to respiratory illnesses, particularly among women and children. Integrating clean cooking solutions into rural electrification programmes is a vital step towards addressing energy poverty, improving public health, and promoting environmental sustainability in Africa. To ensure access to clean cooking in Africa by 2030, an estimated \$4 billion annually is required. Recognising the need for urgent action, governments are establishing supportive policies and regulatory frameworks that promote the scaling-up of clean, affordable, efficient, and circular cooking.





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### Increasing Capital for Africa's Upstream Projects



HE Khamis Juma Buamim Chairman & Group Chief Executive Officer **KBI-UAE** 



Henry Ikem Obih Independent Non-Executive Director **Fidelity Bank Plc** 

### Increasing Access to Clean Cooking Solutions



**Omar Amin** Vice President, Projects Rosetta Energy

Hussam Abuseif

TAQA

Vice President Africa and Iraq





Official Media Partner



# Shaping the future of energy across technology and the workforce



oday's energy leaders are at the forefront of a pivotal era where the transition to sustainable energy solutions is no longer a mere aspiration but an urgent necessity. Leading high-performing businesses and teams across the energy value chain, they are navigating a rapidly evolving ecosystem that is driving innovation, reshaping business models, and redefining the future of energy.

Recent geopolitical events and renewed industry realism have heightened the urgency of energy security and affordability, pushing leaders to reassess strategies that increase the exploration of affordable, sustainable, and reliable energy sources, including gas. With disruptions to global energy markets and a real sense of industry purpose, leaders now face the challenge of addressing immediate supply needs while pursuing long-term environmental goals. To deliver on these commitments, the industry is building a workforce capable of meeting the evolving market demands and supporting the transition to more sustainable energy practices.



The EGYPES Leadership & Development Conference brings together C-level executives including technology, sustainability and decarbonisation experts, plus chief people officers and human capital **66** I'm proud to spotlight the remarkable success stories of women in the petroleum and energy sector, where they represent 22% of the global workforce in this vital, fiercely competitive field."

MOUSHIRA KHATTAB President National Council for Human Rights

specialists to explore strategies, cuttingedge technologies, and evolving workforce dynamics that enable leaders to deliver a prosperous and secure energy future with an abundance of readily available talent.

### LEADERSHIP & DEVELOPMENT CONFERENCE SPEAKERS





Paolo Albini Chief Supply Chain Digital and IT Officer Saipem



Walid Tayel Group Chief HR Officer El Sewedy Electric



Dina Ghanem Human Resources Director TotalEnergies



Ahmed El Saeed General Manager, Digital and Integration, North Africa and East Mediterranean SLB



Sherif Aboelgheit Procurement Director NMDC Energy



Yasmine Yehia Global Employer Branding Head Schneider Electric

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(66)





Mohamed Shindy Managing Director, Egypt Methanex



Mohammed Bahatem Executive Director, HSSE & Asset Integrity Mubadala Energy



Castlen Kennedy Senior Vice President, HR and Corporate Affairs Apache Corporation



Celestina Raggi Vice President HR Emerson



Shamrendra Singh General Manager and Managing Director Bapetco



Nour Elabbady Head of Communications Organisation Méditerranéenne de I Energie et du Climat



Jonathan Ashton Head of Marketing and Communications Middle East and Africa KROHNE



Narayanan Valayaputtur Chief Executive Officer Egyptian Fertilizers Company (EFC) and Egypt Basic Industries Corporation (EBIC)



Antonios Mountouris Head of Group HSE & Sustainable Development Division HELLENIQ ENERGY



Nahla Abid Vice President Sales & Strategy Bureau Veritas



Ossama Maguid Countries Manager Egypt/Africa Yokogawa



Isabel Geerdes Asset Manager & Exploration Manager Chevron



Maha Ahmed Head of HR, Egypt/Libya TAQA



Manale El Kareh Partner Kearney







WEDNESDAY 19 FEBRUARY 2025



### LEADERSHIP & DEVELOPMENT CONFERENCE

11:30 - 12:10

With technology evolving at an unprecedented pace, leadership in strategic digitalisation has become essential for effective decisionmaking. As the energy transition accelerates and the demands on energy companies evolve, technology and Al are reshaping the sector, proving invaluable for making swift, high-quality decisions. Leaders who combine AI, automation, and human insight can drive operational excellence, improve financial performance, and create sustainable value, positioning their companies at the forefront of industry transformation. While AI and digitalisation is fundamental in boosting productivity, it also presents a threat of displacing the workforce rather than ensuring that it complements it. Leaders must carefully manage technological advancements with human capital to create a net positive impact, ensuring employees benefit rather than lose opportunities.





Digital and Integration. East Mediterranean

The transition to clean energy sources and decarbonisation is creating a demand for new skills, innovative technologies, and fresh talent, intensifying the competition for top professionals. This challenge is further compounded by the retirement of experienced professionals, a decline in the number of young STEM graduates and a growing number of professionals leaving the sector altogether. As the industry continues the journey of redefining itself to become an attractive career choice, how an organisation presents and positions itself in the job market becomes crucial for retaining employees and attracting the next generation of talent. Building a strong employer brand has therefore become an essential component of corporate strategies and communications, to promote the value, culture, and opportunities that an organisation can offer to its potential and existing employees.













Managing Director, Egypt Methanex





**KEYNOTE SPEECHES** 

10:00 - 10:10

10:10 - 10:50

Redefining Leadership in the Era of New Energy Systems

Redefining Leadership in the Era of New Energy Systems

Energy leaders bear the responsibility of steering global economies towards a future centred on reliable, sustainable, and clean energy.

As the energy world continues to significantly change, traditional leadership approaches face increasing challenges from global market

external relationships with customers, and overseeing internal operations. Equally important to the role of a CEO is creating a positive

work environment by selecting the right team which ensures alignment between organisational culture, behaviours, and company goals.

disruptions, policy changes, digital advancements, and shifting stakeholder expectations. Redefining leadership in the age of the energy trilemma requires leaders to remain agile and balance responsibilities, including setting their company's strategic direction, managing



The global energy crisis has prompted investors to redefine their business strategies, while policymakers have shifted their focus toward developing resilient energy systems. As energy security concerns rise, governments must balance the demand for reliable, affordable energy supplies with sustainability goals. These market dynamics require energy leaders to navigate evolving regulations, particularly around emissions, and manage bureaucratic processes in decision-making. Furthermore, as globalisation becomes more regionalised, energy executives must adapt to new geopolitical environments and learn how to operate effectively in different regions to make the right local investments.



10:50 - 11:30

Leading Sustainable Commercial and Operational Decision Making

As the world increasingly prioritises reducing greenhouse gas emissions, oil and gas leaders are stepping up to demonstrate the sector's commitment to being part of the solution. Rising stakeholder and investor expectations from ESG are driving transparent communication, pushing operators to showcase their contributions to sustainability and outline clear roadmaps that detail how they are balancing market supply and demand with decarbonisation. Leaders are proactively aligning their strategies with sustainability goals in commercial and operational decision making, reflecting a shift toward a forward-thinking leadership style that values agility, adaptability, and quick decision-making. Leading from the front, these executives are actively driving change, working closely with customers and teams to empower their workforce to build optimal and decarbonised hydrocarbon portfolios.





#### Building a Leadership Legacy Through AI and Digitalisation



Paolo Albini Chief Supply Chain Digital and IT Officer Saipem



Mohammed Bahatem Executive Director. HSSE & Asset Integrity Mubadala Energy

#### Maximising Energy Talent Acquisition and Retention Through Employer Branding Strategies



Dina Ghanem Human Resources Director TotalEnergies



Moderator Manale El Kareh Partnei Kearnev



**Yasmine Yehia** Global Employer Branding Head Schneider Electric

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### LEADERSHIP & DEVELOPMENT CONFERENCE

### WEDNESDAY 19 FEBRUARY 2025

### PANEL DISCUSSIONS

14:00 - 14:40

Leveraging the power of communication to strengthen the new energy narrative

The global spotlight on the climate crisis and transition from fossil fuels to renewable and low-carbon energy sources has intensified, increasing attention from media, legislators, the public, and various stakeholders. Energy companies face the challenge of communicating their commitment to environmental sustainability through their operations and by adopting climate technology to reduce greenhouse gas emissions. At the same time, they must maintain trust with investors, consumers, and policymakers. These evolving factors have significantly transformed the role of corporate affairs and communication leaders, positioning them as key players in shaping the industry's narrative and brand, strengthening a company's influence in policy discussions, public perception, and stakeholder engagement, ultimately driving the broader transition towards a sustainable future.







Jonathan Ashton Head of Marketing and nunications Middle East and Africa **KROHNE** 

### 14:40 - 15:20

Digital technologies, data analytics, and AI are key enablers of future energy systems, playing a vital role in advancing low-carbon energy production and consumption. These innovations are reshaping the energy sector by automating processes, lowering costs, and boosting efficiency. However, to fully harness their potential and prepare the workforce for this digital transformation, the sector is focused on reskilling, upskilling and identifying future skills gaps, ensuring that employees are equipped with the knowledge to utilise new digital tools and technologies effectively. Additionally, the industry is collaborating to develop educational policies and workforce models that will equip the present and next generation with the tools required to meet current and future skill demands in delivering a net-zero future.

Upskilling and Reskilling the Workforce to Drive Digital Transformation



Celestina Raggi

Vice President HR Emerson



**Ossama Maguid** Countries Manager Egypt/Africa 'okoqawa



Sherif Aboelgheit Procurement Director NMDC Energy

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### **LEADERSHIP & DEVELOPMENT CONFERENCE**



Since 2017 EGYPES has been shedding light on the empowerment of women and the importance of inclusion and diversity within the energy sector. As industry dynamics change so too does the dialogue around workforce and culture and people development. Evidence clearly demonstrates that female engagement is more than just about equality, it is a strategic need for a sustainable future. While the industry is taking positive steps in implementing policies for inclusivity, challenges still exist in career progression. Mentorship has emerged as a powerful tool to support these challenges and facilitate a more inclusive and diverse energy workforce. Through effective mentorship programmes and networks, energy companies are building an environment that empowers young females, dismantling systemic barriers by connecting them with role models who provide valuable career guidance.



### FIRESIDE CHAT

Navigating the energy transition and achieving net-zero by 2050 is a generational challenge. Today's young energy professionals and STEM students are the future leaders who will be at the forefront of driving innovation, reducing greenhouse gas emissions and implementing sustainable solutions to decarbonise the global economy. As energy systems grow increasingly complex, the next generation of geoscientists, engineers, and innovators must be equipped with the knowledge and technology to build a sustainable energy future. Today's industry leaders recognise a collective action is needed to inspire and position students and young professionals to become future leaders capable of combatting climate change and continue leading the transition from fossil fuels to renewable energy. This cannot be achieved without strategic investment in education, along with industry collaboration to bridge the gap between academic knowledge and practical skills.

16:30	Closing Re

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### Unlocking Leadership Potential and D&I Through Mentorship

**Isabel Geerdes** Asset Manager & Exploration Manager Chevron

### Cultivating the Next Generation of Energy Leaders







### **TECHNICAL CONFERENCE**

### **Technical and innovation** advances in energy



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t the intersection of innovation and expertise. the EGYPES Technical Conference occupies a central position within the Egyptian, African, and Mediterranean oil, gas, and wider energy landscape, serving as a hub of technical enrichment catering to engineers, technical experts, and digital champions.

With its comprehensive programme, the EGYPES 2025 Technical

Conference is the ultimate platform for energy sector engineers to push the boundaries of excellence, to navigate the ever-evolving realms of cuttingedge innovative technologies and to showcase project expertise and technical insights. Delve deep into the latest advancements, best practices, and innovative solutions that are shaping the energy landscape.

The quality of the abstracts we received was extremely high and the final selection is a showcase of how novel and integrated approaches can bring value to your company, host countries and the industry.

IVAN CRABB Exploration and Development Director Apache Corporation

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### **ADDRESSING 20 TECHNICAL CATEGORIES**



Unconventional Resources (UNCONV) Gas/LNG Processing, Operations and Transportation and Storage (MID) Offshore and Marine Production, Technology and Operations (OM) Hydrogen, Biofuels, Alternative Fuels,

Agreements and Project Finance (FIN)

Geoscience: Upstream Technology

Oil and Gas Field <u>.</u> Development (FD

Drilling (DR)

Completions (COMPL)



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### **TECHNICAL CONFERENCE SESSIONS OVERVIEW**

	ROOM 2	ROOM 3	ROOM 4	ROOM 5
AS nt, l	SESSION 2 CATEGORY: HS Innovative AI and digital health and safety technologies	SESSION 3 CATEGORY: ALT Biofuel and bio energy: potential and utilisation	SESSION 4 CATEGORY: DIGI The digital twin revolution	SESSION 5 CATEGORY: OPEX Intelligent automation with AI and cost optimisation
AS g d	SESSION 7 CATEGORY: HS Process safety: embedding good practice in major hazards management	SESSION 8 CATEGORY: ALT Sustainable engines, storage and electric vehicles	SESSION 9 CATEGORY: DIGI Transforming the energy industry by Al and machine learning	SESSION 10 CATEGORY: OPEX Innovative practises for operation and asset integrity
≣F I	SESSION 12 CATEGORY: MID Pipeline management and storage solutions	SESSION 13 CATEGORY: ALT Advances in green hydrogen	SESSION 14 CATEGORY: DIGI Big data analytics and deep learning	SESSION 15 CATEGORY: FIN Financing energy transition and decarbonisation projects
EF cts	SESSION 17 CATEGORY: MID Shipping, logistics and infrastructure	SESSION 18 CATEGORY: ALT Sustainable aviation and synthetic fuel advances	SESSION 19 CATEGORY: DIGI Cybersecurity: protecting the digital world	SESSION 20 CATEGORY: ETD CCS and CCUS initiatives, technologies and case studies
T	SESSION 22 CATEGORY: ESC Industry response to UN sustainable development goals	SESSION 23 CATEGORY: ALT Integrating and scaling renewable energy	SESSION 24 CATEGORY: DIGI Digital transformation initiatives and best practices	SESSION 25 CATEGORY: ETD Reducing carbon footprint and greenhouse (GHG) emissions
ΞT	SESSION 27 CATEGORY: ESC Industry initiatives for climate change	SESSION 28 CATEGORY: OM Offshore integrity management and innovative tech	SESSION 29 CATEGORY: PM Project management, risks and execution: cost reduction and optimisation	SESSION 30 CATEGORY: ETD Methane abatement and emissions management
ИРL nts, d	SESSION 32 CATEGORY: ESC Embracing circular economy - RRRRR	SESSION 33 CATEGORY: CONV Impact of innovative seismic workflows and imaging	SESSION 34 CATEGORY: PPL Building a competitive future ready workforce	SESSION 35 CATEGORY: ETD Electrification technologies and best practices
R gy gital	SESSION 37 CATEGORY: ESC Management of produced water and direct air capture	SESSION 38 CATEGORY: CONV Unlocking potential through new data, new interpretation, new insights	SESSION 39 CATEGORY: FD Optimising mature field performance	SESSION 40 CATEGORY: ETD Decarbonising the energy value chain with low carbon tech
от	SESSION 42 CATEGORY: ESC CSR programmes for biodiversity and environmental protection	SESSION 43 CATEGORY: UNCONV Unconventional resource strategies and applications	SESSION 44 CATEGORY: FD EOR and mature field performance enhancement	SESSION 45 CATEGORY: ETD Increasing renewable energies in the energy supply mix

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YOUNG PROFESSIONALS



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### **E**‰onMobil



**FUTURE FEMALE LEADERS** Future Female Leaders is a dynamic initiative designed to inspire young women and female university students to pursue careers in the industry.



#### **EXPO TOUR**

The Expo Tour is a specially curated tour designed to provide high school students with an informative and engaging experience.



#### **FIELD TRIPS**

The field trip aims to give students valuable and immersive experiences to enrich their understanding of the energy sector

### Fostering innovation, shaping the future

The EGYPES Young Professionals is a dynamic and interactive platform designed to educate, engage, and inspire the Egyptian youth in the energy sector.

he EGYPES Young Professionals Programme is crafted to unlock the potential of university students and position them at the forefront of the energy revolution. This unique initiative offers students passionate about the future of energy an extraordinary chance to immerse

#### themselves in the rapidly evolving energy sector.

High school and university students have the opportunity to engage with industry leaders, network with top professionals and learn from innovators in the field. Through exclusive speaker sessions, hands-on projects and field trips, they develop practical skills and gain real-

#### world experience.

The programme also provides personalised mentorship from experienced experts dedicated to nurturing their growth. Students are given a platform to showcase their creativity and innovation by participating in competitions and challenges, where forward-thinking ideas are celebrated.

### **REGISTER AS A VISITOR**

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SHELL NXPLORERS CHALLENGE The Shell NXplorers Challenge empowers university students to address global challenges by crafting innovative solutions for sustainable energy, focusing on issues like energy efficiency and renewable expansion



**VOLUNTEER PROGRAMME** The EGYPES Young Volunteer Programme is a dynamic platform designed to empower young professionals by equipping them with vital skills, industry insights, and hands-on experience.



**EM ZONES** he Thematic STEM Zone is an interactive area designed to mmerse high school students in STEM fields through hands-on activities, demonstrations, and educational exhibits.





### **EGYPES 2025**

SUPPOR

PLAN YOUR VISIT

### **Get ready for EGYPES 2025**



### LOCATION

Travelling by car, EIEC has direct access from the city's main highway, El Mushir Tantawy Axis. Cairo International Airport is only 18 km from EIEC. Alexandria International Airport is just over 3 hours' drive away.

VENUE PARTNER



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The Dusit Thani, Lakeview, Cairo offers attebdees of the Egypt Energy Show exclusive discounts on their stay at this luxury property.

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### • BY BUS

EGYPES offers a complimentary shuttle bus service between selected hotels and the Egypt International Exhibition Center (EIEC).

Frequency: Every 30 minutes Hotel to EIEC: 08:15AM - 10:00AM EIEC to Hotel: 07:15PM - 07:30PM



### PLAN YOUR SHUTTLE BUS SCHEDULE

GYPES provides a complimentary otel shuttle bus service to and rom selected hotels to the venue n Egypt International Exhibition

### SHUTTLE BUS **EVERY 30 MINUTES**

Hotel to EIEC: First depature at **08:15AM** and Last departure at **10:00AM** 

EIEC to Hotel: First depature at 07:15PM and Last departure at 07:30PM

Please find below list of hotels nclude in the hotel shuttle bus

- Dusit Thani Lake View
- Helnan Landmark
- Triumph Luxury Hotel
- Royal Maxim Kempinski
- Renaissance Mirage City
- JW Marriott
- Intercontinental City Stars
- Holiday Inn





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