







WEDNESDAY 21 FEBRUARY 2024 | EGYPT INTERNATIONAL EXHIBITION CENTER



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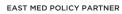


















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The EGYPES 2024 Conferences help shape the future energy agenda to unlock the potential of the energy transition and drive sustainable production and climate-conscious practices. The EGYPES strategic dialogue focuses upon the need for a new global energy system, one that reduces reliance on single energy sources and supports supply and demand cycles globally. At the same time, the EGYPES technical programme provides enrichment from practical, scientific and innovative R&D to project management across the entire oil, gas and wider energy supply and value chains.

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The EGYPES Conferences are an excellent opportunity to bring together energy industry leaders showcasing expertise across different themes including decarbonisation, Al analytics, digital scaling and much more.



SHERIF BAYOUMY

Managing Director



ALIGNING ENERGY INVESTMENTS WITH CLIMATE GOALS

Global energy markets are having to learn to adapt in today's ever-changing industry landscape, which is striving for cleaner energy, facing geopolitical constraints, and unprecedented inflation rates.

The increased urgency of the climate crisis has accelerated calls to action for the energy sector to accelerate decarbonisation activities over the next decade and achieve meaningful targets by 2030. With the global energy mix shifting from fossil fuel-based systems of energy production and consumption to renewable energy sources, an estimated \$200 trillion in global investments needed to reach net-zero emissions by 2050.

Despite renewable energies gaining momentum, they still only account for approximately 6% of the world's energy consumption. Global energy demand is anticipated to rise through 2050 with oil remaining the largest energy source, investment in oil and gas projects and infrastructure will therefore be vital in ensuring affordable and reliable energy supply throughout this transitional period. Furthermore, geopolitical tensions continue to underline the importance of a more gradual transition, both for energy security and environmental reasons.

The fourth edition of the EGYPES 2024 Finance and Investment in Energy Conference will gather energy leaders, sustainable finance and climate experts to assess the economic uncertainties facing global economies in leveraging financial mechanisms and capital market tools to deliver future energy systems.

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ENERGY EFFICIENCY







GEOPOLITICS, CLIMATE FINANCE AND SUSTAINABLE INVESTMENT

EXPERTS



Alaa El Batal Chief Executive Officer Egyptian General Petroleun Corporation (EGPC)



Nicolas Katcharov Chief Executive Officer



Ashraf Bahaa Chairman Ganope



Chief Financial Officer ADNOC Drilling

Youssef Salem



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Mohammed El Haddad

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Ahmed Mokhtar Vice Chairman & Managing Director NBK Capital Asset



Head of ESG Advisory. North and West Africa

Mohammed Abu Zahra

Head of Middle East

Global CCS Institute

and North Africa



Mucha Hazel Nyandoro EGYPES 2024





Ross Cassidy Vice President Middle East and North Africa lligence Energy Analytics



WEDNESDAY 21 FEBRUARY

MINISTERIAL KEYNOTE SPEECH

10:00 - 10:20

Industrialisation and Localisation Policies for Egypt's **Clean Energy Transition**

Driven by the need to accelerate net-zero targets and energy security concerns following global geopolitical instability, countries are increasingly putting policies and legislation in place to develop their green economies and energy systems domestically. The clean energy transition is not only an opportunity for governments to address pressing environmental concerns, but also to maximise economic growth from one of the world's fastest expanding industrial sectors. Having positioned itself as a regional natural gas hub, Egypt recently revealed its goals to reach 42% of its energy from renewable sources by 2030, in accordance with its updated Nationally Determined Contributions Plan. What green industrial policies and strategies is Egypt implementing to ensure it benefits economically whilst achieving its net-zero targets by 2030?

Attendee Insights: This keynote speech will outline the Egyptian government's strategy to ensure that its energy transition maximises economic opportunity for local businesses and provides the capital required to generate employment and thriving industrialisation.

PANEL DISCUSSIONS

10:20 - 11:00

Creating and Investing in a Carbon Capture Roadmap

After several decades on the sidelines, carbon capture is now taking centre stage and rapidly evolving into a multi-billion-dollar industry with investment exceeding \$6 billion in 2023. As governments and organisations step up their commitments to net zero emissions, carbon capture is becoming a fundamental part of national decarbonisation strategies. Both industry experts and energy policymakers recognise that CCUS is vital for climate change mitigation. For global economies to meet their net-zero targets. CCUS use must increase 120 times by 2050. The continuous advancement in CCS technology, combined with increasing investment and supportive policies, is therefore crucial for its widespread adoption.

Attendee Insights: Industry leaders will discuss best practices to increase the adoption of and



Alaa El Batal Chief Executive Officer Corporation (EGPC)



Nikiforos Bantoukoudis Chief Financial Officer HELLENiQ Upstream



Moderator Ahmed Mokhtar Vice Chairman

& Managing Director NBK Capital Asset



Chief Executive Officer Energean International



Youssef Salem Chief Financial Officer ADNOC Drilling





11:00-11:40

Allocating Trillion Dollars Globally to Achieve Net-Zero by 2050

The shift to a low and zero carbon energy system will require the rapid of adoption cutting edge clean technological innovation alongside huge levels of investment. Despite global investments in energy transition technologies hitting a record of \$1.3 trillion in 2022, yearly spending on the 1.5°C pathway must reach \$6.9 trillion by 2030, amounting to nearly \$200 trillion in global investments to zero out the world's greenhouse gas emissions by 2050 and stop global warming. The magnitude of this challenge underscores the significant need for global governments, policymakers and financial institutions working collaboratively to promote the transition to a low-carbon energy system, as well as the necessity for policy frameworks that encourage and open up avenues to investment.

Attendee Insights: Panellists will explore the scale of investment needed to accelerate the



Group Head, Centre of Sustainable Finance. Head of Climate Change MENAT



Norinao Sato Senior Executive Vice President Middle East & Africa Yokogawa



Anass Joundy Associate Director, Natural Resources, South and East Med



Scott Gale Executive Director, External Engagement Halliburton Labs



Moderator Steve Lutes President Middle East Affairs **US Chamber of Commerce**

11:40 - 12:20

From Greenwashing to Green Valuation: Standardising ESG Reporting

In recent years, interest in ESG has grown significantly, from a minor consideration to the mainstream, with investors increasingly realising that ESG principles effect a company's long-term success and market value. Following accusations of greenwashing, major petroleum and energy corporations are now incorporating ESG principles into their decision-making processes, not only in the context of risk mitigation, but also for aligning strategic business objectives with sustainability to remain competitive. However, as there is no universal framework for providing ESG data, financial institutions face considerable challenges in analysing organisations' sustainability performance. ESG data standardisation is crucial for financial institutions to successfully analyse and compare firms' and promote transparency in ESG reporting.

Attendee Insights: Panellists will discuss the impact of ESG in the current energy landscape



Moez Miaoui Head of ESG Advisory. North and West Africa



Vice President Liquidity, Moneda Investment



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



Mounia Attiga Chair of North Africa Lean in Equity & Sustainability



Moderator **Mucha Hazel Nyandoro EGYPES 2024**

12:20 - 13:30

Lunch, Exhibition and Networking

13:30 - 14:10

Establishing an East Mediterranean Natural Gas Hub

Natural gas reserves in the Eastern Mediterranean region total approximately 800 billion cubic metres. Since 2009, gas deposits have been identified off the shores of Lebanon, Cyprus, and Egypt. However, the majority of the gas is located in deep sea, raising the cost of supply and extraction. The growing gas trade among the countries of the Eastern Mediterranean signifies a transformative shift in the region's energy landscape, having progressed from meeting domestic supplies to bilateral trade and now to preliminary plans for a regional gas hub. Yet, the geopolitical complexities, characterised by longstanding disputes complicates the exploration and distribution efforts. Regional cooperation and international mediation are crucial to ensuring the East Mediterranean becomes a natural gas trading hub.

Attendee Insights: Influential regional industry figures will address the region's ambitions in bringing Eastern Mediterranean gas to market, as well as overcoming obstacles to accessible funding to become a natural gas trading hub.



Yasseen Mohamed Vice Chairman, Operation & National Gas Grid EGAS



Fernando Kalligas Senior Director of Corporate Affairs DESFA



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



Tameer Nasser Finance Director Africa and Iraq Taqa



Matthew Furness
Global Manager of Business
Development, Downstream, Chemical
& Energy Transition
Bechtel



Moderator
Giacomo Matarazzo
Development and
Strategy Director
Teréga

14:10 - 14:50

M&A Outlook in North Africa & East Mediterranean

In 2022, geopolitical tensions and economic uncertainty disrupted energy markets across the world with M&A activity in the oil and gas sector falling to its lowest levels since 2008. Notably, the invasion of Ukraine by Russia amplified the importance of energy security as a driving force behind M&A activities, prompting buyers to focus on securing supply chains across upstream, midstream, and downstream operations. Over the last decade, the East Mediterranean and North African region experienced significant oil and gas M&A activity. However, the future of M&A regionally remains uncertain, influenced by economic conditions, currency devaluation, interest rates, geopolitics, and evolving policies and regulations.

Attendee Insights: Financial and legal experts will discuss the opportunities and challenges o M&A activities across North Africa & the East Mediterranean and what the future holds for regional buyers and sellers.



Nicolas Evanoff General Counsel & Chief Legal Officer Apex International Energy



Heba Anwar Raslan Partner Sharkawy & Sarhan



Nathan Piper
Commercial Director
Capricorn Energy



Rouzbeh Fazlinejad Managing Director Houlihan Lokey



Leslie Zhang Weihua Vice President & General Counsel United Energy Group



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

14:50 - 15:30

Scaling up Green Hydrogen Production, Infrastructure Development and Deployment

Green hydrogen is emerging as one of the most promising alternative fuel sources in the transition towards a sustainable energy future. The potential benefits of an efficient green hydrogen economy will play a significant role in lowering greenhouse gas emissions, reducing reliance on fossil fuels and assuring energy security. However, developing green hydrogen infrastructure faces several significant challenges including technological advancements in electrolysis and storage systems, scaling up production to meet demand, and building infrastructure pose a financial barrier. Governments and industry stakeholders will therefore need to collaborate to provide incentives, subsidies, and regulatory support to increase investment in the green hydrogen economy.

Attendee Insights: Panellists will discuss the financial and regulatory challenges associated with green hydrogen production, infrastructure development, and its integration into the energy mix.



Dimitris Triantafyllopoulos Managing Director Hellenic Hydrogen



Sven Goethals
Commercial Director
of Hydrogen and
Decarbonisation
Tractebel



Tarek Hosny
Head of Investments and
Projects
Fertiglobe



Mohamed Sherif Green Hydrogen Director Infinity Power



Konstantinos Chatzifotis EU Affairs Manager Motor Oil Group



Moderator
Andrea Bombardi
Executive Vice President,
Carbon Reduction Excellence
RINAManagement Egypt



15:30 - 16:10

Bridging the Energy Efficiency Financing Gap

Energy waste contributes significantly to greenhouse gas emissions, increases demand for energy imports, and raises prices for governments and the wider economy. The oil and gas sector, traditionally seen as major carbon contributors, also have avenues to enhance its energy efficiency methods. Measures like curbing gas flaring, a common practice in oil extraction which releases vast amounts of CO2 and other pollutants, can play a pivotal role in reducing emissions. Improving energy efficiency has numerous advantages in the pursuit of net-zero, including using less energy to achieve the same outputs, which can lower energy demand and lead to rapid reductions in energy consumption and carbon emissions. Therefore, climate investments alone cannot achieve net-zero targets, without global investments in energy efficiency which acts as a cornerstone for sustainable growth.

Attendee Insights: Energy efficiency and financial experts will explore barriers to financing energy efficiency and the policies required to accelerate the scope and pace of energy efficiency projects.



Ashraf Bahaa Chairman **Ganope**

Presenter EGYPES 2024

Mucha Hazel Nyandoro



Jauad El Kharraz Executive Director Regional Center for Renewable Energy and Energy Efficiency (RCREEE)



Mohammed El Haddad Head of Energy IRSC



BE PART OF THE REGION'S LEADING ENERGY CONFERENCES

Driving energy transition, security and decarbonisation

Industry urgency to decarbonise to meet net-zero commitments is driving change, strategically and technically. Globally, increasing geopolitical tensions, continued trade constraints and colliding crises are propelling the need for affordable and secure energy supplies for all, making engagement and open dialogue with all stakeholders including government officials, policymakers, industry leaders, influencers, engineers and tech champions and solution providers critical.

The EGYPES 2024 Conferences play a vital role in addressing the full spectrum of energy transition, security and decarbonisation advances for a secure and sustainable energy future globally.

BENEFIT FROM INVALUABLE OPPORTUNITIES AS A CONFERENCE DELEGATE

As a conference attendee, the opportunities for you to gain new industry insights and hear the latest strategic and technical oil, gas and energy trends are endless.



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