HELD UNDER THE PATRONAGE OF HIS EXCELLENCY ABDEL FATTAH EL SISI PRESIDENT OF THE ARAB REPUBLIC OF EGYPT





19-20 FEBRUARY 2024 | EGYPT INTERNATIONAL EXHIBITION CENTER

## DRIVING ENERGY TRANSITION, SECURITY AND DECARBONISATION



## DRIVING ENERGY **TRANSITION, SECURITY** AND DECARBONISATION

EGYPES 2024 CONFERENCES





EGYPES AFRICAN DIALOGUE CONFERENCE

10 Strategic Conference Sessions

45 Technical Conference Sessions

Sustainability in Energy Conference Sessions

9 Finance in Energy Conference Sessions

African Dialogue Conference Sessions

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.

## "

JOHN ARDILL Vice President - Head of Global Exploration ExxonMobil

We look forward to EGYPES and for us it's a very important opportunity. Gathering all of the key industry players, government and particularly the Egyptian Ministry together to have a very constructive conversation around energy security, investment in oil and gas and also the transition to a lower carbon, lower emissions and sustainable future.

egypes.com/conferences



















## DRIVING ENERGY TRANSITION SECURITY AND DECARBONISATION

The 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 2024 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. As the industry continues to pivot from traditional oil and gas operations and business models to next generation energy ecosystems, shoring up short and long-term global energy supply, demand and security dynamics, the Strategic Conference provides unrestricted insights on the following key themes.

#### PUSHING DECARBONISATION AND ENERGY TRANSITION - INDUSTRY COMMITMENT

Since COP27 and now COP28, the industry has Globally industries, especially energy, are increasingly shifting from resource-led to consumerbeen central in driving business models and innovative agendas to decarbonise oil and gas value led, requiring much needed transformation to both and supply chains. The critical steps being taken business and operating models across the industry. today are moving climate commitments to actions, Critical decisions on longevity of legacy businesses highlighting the many opportunities that a are a must, forward-centric adjustments to business portfolios are needed now to enable tough choices responsible and just energy transition will unlock. Without doubt, the industry can, will and must do on the how, where and what strategies, in more to shift the dial and accelerate the delivery of combination with building new businesses around future energy systems. green products.

#### DRIVING CLIMATE CENTRIC FOSSIL FUELS FOR A SMOOTH ENERGY TRANSITION

It's widely acknowledged future energy ecosystems Clear enabling policies and frameworks are vitally will be in the form of multiple energy sources and important, however the reality of achieving net that continued investment in hydrocarbons is a zero targets vs delivering energy security and must to ensure a smooth energy transition. In affordability is complex on all sides of the coin, particular, projects that bring oil and gas to market with opinions, beliefs and points of view ranging guickly or those that deliver low-carbon, CCUS, considerably on achieving the 1.5°C pathway by GHG, methane reduction and carbon abatement mid-century. At the same time, ongoing solutions to critical legacy assets and infrastructure. geopolitical constraints, sanctions and fast Industry wide, innovative fossil fuel R&D and access approaching winter months are ramping up to funding must remain a global priority. pressure on countries to lock-in energy supplies from new markets resulting in the continued redrawing of the energy map. Globally, efforts require greater multi-stakeholder collaboration to create a sustainable and secure energy future.

#### TRANSFORMING FUTURE ECONOMIES AND SOCIETIES - ARE WE IN A POLY OR PERMACRISIS?

Global economies and populations continue to struggle with geopolitical constraints, inflation, currency devaluation, recession, rising energy poverty and costs in tandem with increasing extreme weather conditions including wildfires, storms, floods, droughts and heatwaves. With multiple coinciding crises affecting all countries, rich and poor, it is now more important than ever to adopt climate resilience and sustainable economic development strategies, led by bold, articulate government leaders alongside innovators and drivers of cross-industry solutions.

egypes.com/SC



#### BUSINESS AND OPERATING MODELS OF FUTURE ENERGY SYSTEMS

#### ENERGY SECURITY AND AFFORDABILITY TODAY VS NET ZERO BY 2050

#### THE GREEN, CLEAN AND RENEWABLE ENERGY CONUNDRUM

Green, clean and renewable energies across industry and mobility are coming, aided by investments in transformative technologies, the potential is big. Advances in electrification are enabling the replacement of fossil-based technologies supporting deployment of hydrogen and fortifying battery storage options. Likewise, increased industry use of wind and solar is reducing emissions and freeing up valuable gas resources. Scaling up investment in R&D to unlock capability and capacity build out for all forms of energy is a must to deliver upon the potential to mitigate the impacts of climate change and reduce future reliance on hydrocarbons.

## INDUSTRY LEADERS AT EGYPES 2024











































































Executive Chairman United Energy Group









Antonio Pietri





.... Chief of Staff omania



Chairman and Chief Executive Officer







Aida Araissi



Chief Executive Officer











1 Presenter EGYPES 2024











































John Ardill Vice President **Global Exploration** 

**Mathios Rigas** Energean

CEO

eoff Probert

apricorn Energy

Eng Dragos Roibu Ministry of Energy.

Chief Executive Officer **Bilateral US-Arab Chamber of Commerce** 

Senior Vice President Middle East & North Africa

ichard Ward Executive Vice President Global Field Operations

uca Vignati Upstream Director

ithne Treanor



Ibrahim Abdelgader Mekki Mahgoul President and Chairman **Egyptian Petrochemicals** Holding Company (ECHEM



-Philippe Torre Senior Vice President Africa **Total Energies** 



Alessandro Puliti CEO Saipem



Dr Mustapha Hamid CEO na National Petroleum Authority and President African Refiners & Distrib Association (ARDA)



ark Moffat CEO



Anastasios Vlassopoulos Chief Executive Officer HELLENiQ Upstream



Dr Faye Gerard **Energy Transition Director** nternational Association of Oil and Gas Producers IOGP)



Ahmed Osama Technical Office Ministry of Petroleum and Mineral Resources Arab Republic of Egypt



eonor Kramarz Global Head of Energy Transition Consulting &P Global



# MONDAY **19 FEBRUARY**

### 10:00 - 12:00

#### **Official Presidential Opening Ceremony and Exhibition Inauguration**

Driving energy transition, security and decarbonisation

Attendee insights: Vital insights on the colliding dynamics of driving a just energy transition,

14:00 - 14:35

Industry response - decarbonisation and energy transition actions

A united industry response to rapidly decarbonise oil and gas value and supply chains is critical to the delivery of a new all-encompassing low-carbon future-proof energy system and whilst progress is being made at global and regional levels, more must be done to drive the move from climate commitments to actions with the caveat of limiting further industry and economic downturns.

HE Havan Abdul Ghani

Deputy Prime Minister

and Minister of Oil

public of Iraq

Abdul Zahra



HE Tarek El Molla Minister of Petroleum and Mineral Resources Arab Republic of Egypt











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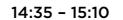
HE Haitham Al Ghais

Secretary General

Countries (OPEC)

Organization of the

Petroleum Exporting



Global energy demand continues to outpace growth in renewable energies highlighting the world's need for a balanced multi-faceted energy transition. Investments in transformative technologies and advances in electrification continue at pace and as major energy and tech companies continue efforts to gain traction with wind and solar power, renewable gas and biofuels from waste also look promising. However, the question of readily available critical minerals key to transition technologies remains unclear and could affect widespread deployment of hydrogen and electric battery storage optionality.

Attendee insights: A stimulating discussion on the growth of green, clean, renewable energies



General Director





Romania



Eithne Treanor

15:10 - 15:45

With increasing geopolitical concerns and constraints globally, access to secure and affordable energy continues to threaten the every-day modern world with Governments and industry organisations scrambling to stabilise energy markets and ensure short-term security of supply for its people. However, despite current market volatility, the longer-term objective of a holistic just energy transition with net-zero emissions by 2050 cannot be left behind.

security crisis and its implications on a country-by-country basis, alongside the need to stay



HE Dr Amani Abou-Zeid Commissioner for Infrastructure, Energy





APPO)



#### Chasing green, clean and renewable energies

Dr Houda Ben Jannet on Méditerranéenn 'Energie et du Climate



1ohamed Ismail Mansou Co-Founder and CEO nfinity and Chairman nfinity Power





**Robert Valk** CEO and Founder **Renergy Group** 

#### Securing sustainable, affordable energy for all

HE Antonio Oburu Ondo Minister of Mines and Hydrocarbons **Equatorial Guinea** 

HE Dr. Omar Farouq Ibrahim Secretary General The African Petroleum Producers Association



E Pedro Rafael Tellechea Ruiz Minister of Popular Power for Petroleum ivarian Republic of Venezuela nd President Petroleos de Venezuela (PDVSA)



IE Eng Jamal Al Loughani Secretary General ganization of Arab etroleum Exporting ountries (OAPEC)

15:45 - 16:20

#### Championing low carbon solutions and infrastructure

In aligning industry goals and objectives post COP28, and with a deal to transition away from fossil fuels in future energy systems and commitments to accelerate actions to reduce scope 1 and 2 emissions this decade, sustainable business, financial and regulatory structures to champion low carbon solutions and the rapid construction of critical infrastructure remain crucial.

Attendee insights: With all eyes on net-zero by 2050, an insightful discussion on the alignment



Hon Judith Kapinga Deputy Minister **Ministry of Energy** Tanzania









16:20 - 16:55

Axens

#### Shaping a pragmatic and realistic energy future

rnational Association o

The world today is witnessing unprecedented colliding crises affecting all countries, rich and poor, making climate resilience and sustainable economic development strategies critical to delivering an energy future that is pragmatic in approach and realistic to the needs of global societies. Enabling multi-dimensional energy ecosystems that align with diverse situations of global nations are crucial to deliver upon net zero commitments.

**Attendee insights:** Driving the change needed to create greater alignment on energy policy to support global economies and populations is crucial if ambitions to reach net-zero are to remain growing geographical differences in energy policy, access to finance, infrastructure build-out and









Alexandra Sdoukou Deputy Minister for Environment and Energy

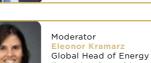




**HE George Papanastasiou** 

Commerce and Industry

Minister of Energy



and Water

Lebanon

Transition Consulting &P Global

HE Dr Walid Favad

Minister of Energy

#### 16:55 - 17:30

fossil fuels

The energy challenges faced by the countries of the global North and South are unique and complex. For the global South, applying urgency to decarbonise before they even carbonise challenges their right to exploit their mineral wealth and natural resources. However, growing and competing demands for energy security, affordability and access and environmental sustainability, globally mandate immediate actions to develop all forms of energy sources, including fossil fuels.

Attendee insights: An imperative conversation examining the need for continued access to











Eithne Treanor **EGYPES 2024** 



#### The energy trilemma and the continued importance of

Chief Executive Officer



Clay Neff President Chevron International Exploration and Production

Vice President **Global Exploration** ExxonMobil



Luca Vignati Upstream Director



# TUESDAY **20 FEBRUARY**

10:30 - 11:15

Downstream decarbonisation and circularity aoina full circle

The energy trilemma, decarbonisation agenda and influencing consumer mindsets are changing the conventional downstream sector where repurposing, redefining and reshaping refining and petrochemical facilities profitably, is underway with a sense of urgency and purpose. New catalyst and power-to-liquids technologies are undergoing digital transformations with potential to cut CO<sub>2</sub> emissions. CCS is leading the way in capturing, storing and reusing emissions. Digital twins are providing environments to test critical energy efficiency processes before deployment. Electricity is helping generate clean and renewable bio and synthetic fuels and chemicals, whilst hydrogen is supporting the use of solar and wind to reduce operational costs.

















Former Emerging Markets Editor



Professor of Business

Moderator







Eng Bader Saeed Al Lamki

Chief Executive Officer

ADNOC Distribution

Rich Wall Principal Vice President for Downstream & Chemicals echtel

Ibrahim Abdelgader

Holding Company ECHEM)

President and Chairman

Egyptian Petrochemicals

Mekki Mahqo



11:15 - 12:00

As the worlds energy map continues to shift and industries continue to evolve, the old rules of business and legacy operating models have become outdated. In their place, reinvention with a fit for purpose structure of resilience, flexibility and interconnectivity, led by bold, articulate leaders is a necessity. As businesses look to reposition themselves with added value a prerequisite core component, new partnerships outside traditional energy ecosystems are helping to accelerate business and industry transformation and growth.









Moderator **Eithne Treanor** Presenter EGYPES 2024

#### 12:00 - 13:30 Lunch, Exhibition and Networking

13:30 - 14:15 routine flaring by 2030

With unprecedented pledges during COP28 to significantly cut energy sector emissions by 2030, advances in curbing methane emissions and routine gas flaring continues to gain traction, and with the European Union adopting methane regulations with ambitious monitoring and abatement criteria for both domestic and imported fossil oil, gas and coal by 2027, the energy trading map continues to shift.

Attendee insights: Now less than a decade away from the 2030 goal, we take a look at the



Ahmed Osama





#### Future ready business and operating models

## Advancing the oil and gas methane pledge and zero

Technical Office Ministry of Petroleum and Mineral Resources Arab Republic of Egypt



14:15-15:00

Technology and innovation - critical enablers of strategic and climate change

Enabling innovation at scale and deploying digital and low-carbon tech and industry solutions at speed remain vital components to transforming the industry with the caveat of producing more, but with a lower, more sustainable carbon footprint. Today at a strategic level, businesses are increasingly relying on more fluid tech and digital-centric business models to produce the lower-carbon energy needed now, whilst working to deliver the energy systems and technical solutions of tomorrow.

Attendee insights: A strategic and technical conversation on the importance of creating change carbon emissions and improving energy efficiency, whilst simultaneously developing hydrogen, CCUS and electrification technologies



Executive Chairman United Energy Group

Anastasios Vlassopoulos

Chief Executive Officer

HELLENiQ Upstream

Moderator **Eithne Treanor** Presenter **GYPES 2024** 





Moath Al Rawi

Chief Executive Officer





Brad Bovd Senior Vice President Corporate Resources ethanex Corporation

15:00-15:45

Shaping Egypt's energy future

Under the stewardship of His Excellency Tarek El Molla, Minister of Petroleum and Mineral Resources, transformation of Egypt's oil, gas and mineral resources continue to gather pace. Core components of the Minister's industry agenda include driving energy transition, security and decarbonisation at the same time as creating stability for Egypt's economy. Committed to its Sustainable Development Strategy: Egypt Vision 2030 and its Integrated Sustainable Energy Strategy 2035 the Ministry is playing a significant role by accelerating its decarbonisation pathway with a strong focus on natural gas and energy diversification initiatives including hydrogen and renewables, plus collaboration with international partners, which remains key to Egypt's progress.

Attendee insights: A frank and open conversation with His Excellency Tarek El Molla, Minister

HE Tarek El Molla Minister of Petroleum and Mineral Resources Arab Republic of Egypt





**BE PART OF THE REGION'S LEADING ENERGY CONFERENCES** 

Driving energy transition, security and decarbonisation

### 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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