تحت رعاية صاحب السمو الشيخ محمد بن زايد آل نهيان، رئيس دولة الامارات العربية المتحدة

Under the patronage of His Highness Sheikh Mohamed Bin Zayed Al Nahyan, President of the United Arab Emirates

أديبك ADIPEC

Host

أدنوك ADNOC

4-7 November 2024
Abu Dhabi, UAE

STRATEGIC CONFERENCES PROGRAMME

- Strategic Conference
- Hydrogen Conference
- Decarbonisation Conference
- Finance & Investment Conference
- Digitalisation & Technology Conference
- Maritime & Logistics Conference
- Voices of Tomorrow

www.adipec.com

Supported by

وزارة الطاقة والبنية التحتية
MINISTRY OF ENERGY & INFRASTRUCTURE

وزارة الصناعة والتكنولوجيا المتقدمة
MINISTRY OF INDUSTRY & ADVANCED TECHNOLOGY

غرفة أبوظبي
ABU DHABI CHAMBER

مصدر
MASDAR

دائرة الثقافة والسياحة
DEPARTMENT OF CULTURE AND TOURISM

دائرة التعليم والمعرفة
DEPARTMENT OF EDUCATION AND KNOWLEDGE

Partners

Platinum sponsors

Gold sponsors

Silver sponsors

Bronze sponsors

Host city

Venue partner

Sport & recreation partner

Official local media partner

Official hotel partner

Strategic insights partner

Knowledge partner

Official travel partner

Technical Conference organised by

Official media partner

ADIPEC brought to you by

Content

ADIPEC Conferences overview

The ADIPEC Conferences seek to advance tangible action and demonstrate collaborative industry progress, emphasising the need for an economy-wide transformation for people and the planet. The conference programme aims to catalyse innovation and energy action by connecting the ideas, ambition, technology, and capital necessary to foster innovative solutions and drive actionable outcomes.

Through its dynamic portfolio of conferences, ADIPEC will provide an inclusive stage for more than 1,800 speakers to address the most urgent global energy challenges. These leaders and innovators will offer diverse perspectives and approaches, sharing impactful insights from across the energy, finance, technology, manufacturing, transport and construction sectors.

Welcoming more than 16,500 delegates, the conferences will encourage cross-sector collaboration and explore pivotal strategies and innovations essential to addressing the energy trilemma.

ADIPEC Conferences in numbers

16,500+
Delegates

1,800+
Speakers

370+
Sessions

10
Conferences

International collaboration is crucial to addressing energy challenges. ADIPEC serves as an ideal platform to take the collective decarbonisation drive to the next level, and we are happy to share our experience with other countries.

His Excellency Suhail Mohamed Faraj Al Mazrouei
Minister of Energy and Infrastructure
United Arab Emirates

ADIPEC Conferences

Spanning 10 conferences and over 370 sessions, ADIPEC will provide an inclusive stage for more than 1,800 speakers to address the most urgent global energy challenges.

Under two conference streams -Strategic and Technical - and through 17 Leadership Roundtables, global experts will share their insights and approaches to achieving global energy objectives and drive economic growth and prosperity.

Strategic Conferences

- **Strategic Conference** - The Strategic Conference will convene the energy world's most influential voices, offering diverse perspectives and accelerating action to deliver a just and orderly transition.
- **Decarbonisation Conference** - The Decarbonisation Conference will pool, insights and expertise from the entire global energy ecosystem, creating an inclusive forum dedicated to finding credible solutions that can deliver the energy system of the future, while rapidly decarbonising the energy system of today.
- **Hydrogen Conference** - The Hydrogen Conference recognises the critical role that low-carbon hydrogen solutions will play in delivering a balanced energy transition. Integrating hydrogen solutions at scale will have a transformational impact on decarbonising hard-to-abate sectors while also enabling the integration of renewables into the global energy mix by offering a stable, clean storage option.
- **Maritime & Logistics Conference** - The Maritime & Logistics Conference will convene pioneers, executives and regulators from the shipping world and beyond, fostering dialogues that drive cross-sector progress towards net-zero, shaping the future of global supply chains and reinforcing a collective commitment for both, people and the planet.
- **Finance & Investment Conference - New**
  The Finance & Investment Conference leverages global capital markets to advance a lower-carbon, higher-growth world. The programme offers a convening platform for the finance and energy sectors to mobilise capital like never before.
- **Digitalisation & Technology Conference - New**
  The Digitalisation & Technology Conference will unlock the opportunities presented by the integration and adoption of Fourth Industrial Revolution technologies, with a special focus on artificial intelligence (AI).
- **Voices of Tomorrow - New**
  Voices of Tomorrow provides a meaningful convening platform for leaders from the energy industry, representatives from civil society and champions of diversity and youth, ensuring that the path towards a sustainable energy future is shaped by a truly global community.

Technical Conferences

- **Technical Conference** - Organised by SPE, the Technical Conference brings together the brightest minds and technical experts from across the energy value chain to highlight the strategies and innovations accelerating the transformation of the energy system.
- **Downstream Technical Conference** - The Downstream Technical Conference will accelerate collaboration and partnerships, offering opportunities to gain insights into the transformative strategies and advancements in low-carbon solutions, digital transformation, advanced manufacturing, alternative fuels, project excellence and the wider downstream value chain.

Leadership Roundtables

- At these invitation-only roundtables, decisionmakers who are spearheading the evolution of a responsible energy industry will engage in impactful discussions aimed at accelerating the energy transition. Each conversation will be enriched by specialised expertise and diverse perspectives, transforming discussions into tangible actions, insights into meaningful impacts, and commitments into reality.


أديبك
ADIPEC
Host
ADNOC
Decarbonising. Faster. Together.
Ministerial Panel
Moderator
John Defterios
Professor of Business, NYU
Abu Dhabi
HE Suhail Mohamed Faraj Al Mazrouei
Minister of Energy and Infrastructure
United Arab Emirates
HE Alparslan Bayraktar
Minister of Energy and Natural Resources
Türkiye
HE Sebastian-Ioan Burduja
Minister of Energy
Romania
HE Haitham al-Ghais
Secretary General
OPEC

Strategic Conference overview

Despite geopolitical challenges, an evolving global economy and volatile energy markets, the journey to net-zero is accelerating. According to Bloomberg NEF's Energy Transition Investment Trends 2024, global investment in the low-carbon energy transition surged 17% in 2023, with access to US$1.77 trillion in capital. But to drive the transition at the speed and pace required to keep 1.5°C within reach, activating enablers such as regulation, financing, artificial intelligence (AI), technology and talent are critical.

ADIPEC 2024 will respond to these needs by exploring the challenges and opportunities in addressing the energy trilemma and accelerating a just, orderly and equitable energy transition. Connecting business and political decision makers with industry innovators, the ADIPEC Strategic Conference will mobilise the knowledge, expertise and resources needed to accelerate energy action, advance the world's decarbonisation goals and drive transformation across industries.

The Conference will spotlight the energy industry's progress on defining future energy systems and empower attendees to capitalise on opportunities in new energy supply, storage, carbon capture, infrastructure, and utilities, while forging impactful cross-sector partnerships and solutions.

Throughout the different thematic sessions, the Strategic Conference will address the unfolding of the energy transition and its impact on our lives and economies, the surge of AI and its implications on energy systems and industries, and the rise of emerging nations on global trade, policy and geopolitics.

ADIPEC plays a critical role in convening global industries to tackle the defining challenge of our time – transforming the global energy system to secure the sustainable energy needed to grow economies, empower everyday life, and accelerate technological innovation, while eliminating emissions.

Tayba Al Hashemi
CEO of ADNOC Offshore
and Chair of ADIPEC 2024

Strategic Conference themes

A new era of climate action in a complex energy system

An evolving geopolitical landscape is transforming energy markets. To ensure the transition to lower carbon fuels, the energy industry must continue to work together with governments and across sectors to create an inclusive, secure, equitable and sustainable future. Creating this new energy ecosystem will mean integrating multiple sources of energy and deploying regional infrastructure to match new supply sources, with demand hubs building centres of industrial competitiveness based on affordable low carbon, energy-efficient operations and resilient supply chains.

As the energy transition accelerates, delivering tangible climate action will require a comprehensive, global rethink around energy production and consumption, across diverse sectors such as buildings, transportation, industry and power systems. This increasingly complex energy system, that will encompass both regional and international carbon and energy markets, as well as critical minerals and hydrogen, will require leaders and innovators from all sectors to demonstrate leadership, forge partnerships, drive growth and inspire collective action.

Investing in the future: finance, skills and economic inclusivity

If the world is to reach net-zero emissions by 2050 unprecedented public and private sector partnerships will be required to ensure the projected US $4.3-$5 trillion per year is invested across low carbon and new energy sources in developed and developing nations.

The transition will also change the energy sector talent landscape. According to the IEA's Net Zero by 2050 report, the energy transition has the potential to create 14 million new climate technology jobs, reposition nearly five million workers from fossil fuel roles and spark skills training for some 30 million employees. This also opens opportunities for economic development in developing nations as they become active participants in and architects of the new energy system.

The role of cross-sector partnerships in decarbonising the energy sector and heavy-emitting industries

Heavy and hard-to-abate industries such as steel, cement, transportation and chemicals pose the biggest decarbonisation challenge, being responsible for nearly 40% of global carbon dioxide (CO_2) emissions while playing a central role in the global economy. Solutions will necessitate new partnerships and alliances from energy providers to end-users to overcome the bottlenecks of investment, technology and skilled resources. The scale-up and deployment of clean technologies for heavy-emitting industries will be in part dependent on the involvement of commercial banks, investment banks, insurance companies and private investors. In addition, it is critical to understand how to incentivise customers to buy more sustainable products with a premium that will indirectly help finance the necessary investments for the transition.

Technological innovation to fast track the energy transition

In 2023, cumulative global investment in clean tech surpassed US$1 trillion, highlighting its pivotal role in managing near-term challenges. The influence of digital technology in driving efficiency gains and safety is well established and is now extending into critical emissions reduction. The advent of artificial intelligence (AI) and its various subsets, from machine learning to large language models, will bring further advances in how the industry decarbonises and achieves net-zero ambitions, while also potentially creating new challenges to be addressed.


dels: The Renaissance of Resilience
Olivier Le Peuch
CEO
SLB
Takayuki Ueda
President and CEO
INPEX
Lorenzo Simonelli
Chairman and CEO
Baker Hughes
Decarbonising.
Faster.
Together.
ADIPEC

Strategic Conferences
Speakers include:

His Excellency
Suhail Mohamed Faraj Al Mazrouei
Minister of Energy and Infrastructure
United Arab Emirates

His Excellency
Omar Suwaina AlSuwaidi
Undersecretary
Ministry of Industry and Advanced Technology
UAE

His Excellency Dr. Mohamed bin Mubarak Bin Daina
Minister of Oil and Environment, Bahrain's Special Envoy for Climate Affairs
Bahrain

His Excellency
Karim Badawi
Minister of Petroleum and Mineral Resources
Arab Republic of Egypt

Her Excellency
Kimberly Harrington
Deputy Secretary
U.S. Department of State's Bureau of Energy Resources

His Excellency Dr.
Saleh A. Al Kharabsheh
Minister of Energy and Mineral Resources
Jordan

His Excellency
Taalaibek Ibrayev
Minister of Energy
Kyrgyz Republic

His Excellency
Edmond Nonie
Deputy Minister of Energy
Sierra Leone

Rt. Honourable
Ekperikpe Ekpo
Minister for State (Gas) Petroleum Resources
Nigeria

His Excellency
Edgar Moyo
Minister of Energy
Zimbabwe

Honourable
J. Opiyo Wandayi
Cabinet Secretary
Energy and Petroleum
Kenya

Honourable
Ruth Nankabirwa Ssentamu
Minister of Energy and Mineral Development
Uganda

His Excellency
Eng. Ahmed Mohamed Al Kaabi
Undersecretary Assistant for Electricity, Water and Future Energy
UAE Ministry of Energy and Infrastructure

Joseph McMonigle
Secretary General
International Energy Forum

Murray Auchincloss
CEO
bp

Wael Sawan
CEO
Shell

Claudio Descalzi
CEO
Eni

Tengku Muhammad Taufik
President & Group CEO
PETRONAS

Proscovia Nabbanja
CEO
Uganda National Oil Company (UNOC)

Montri Rawanchaikul
CEO
PTTEP

Nicke Widyawati
President Director & CEO
Pertamina

Lorenzo Simonelli
Chairman & CEO
Baker Hughes

Olivier Le Peuch
CEO
SLB

Alessandro Bernini
CEO
Maire

Mavi Zingoni
CEO, Power
GE Vernova

Miguel Ángel López Borrego
CEO
thyssenkrupp

Prasad Narayan
CEO Of P&O Maritime Logistics
Group CFO, Marine Services
DP World

Dr. Pratima Rangarajan
CEO
Climate Investment

Yoshinori Kanehana
Chairman of the Board
Kawasaki Heavy Industries

Mansoor Mohamed Al Hamed
Managing Director and CEO
Mubadala Energy

Jeff Currie
Chief Strategy Officer of Energy Pathways
Carlyle

Peter van Driel
CFO
ADNOC Gas

Dr. Abderrezak Benyoucef
Head, Energy Studies Department
OPEC

Olakunle A. Osobu
Deputy Managing Director
Nigeria LNG Limited

Shri Akshay Kumar Singh
Managing Director & CEO
Petronet LNG

Dr. Markus Steilemann
CEO
Covestro

Musabbeh Al Kaabi
Executive Director, Low Carbon Solutions & International Growth
ADNOC

Mashal Alkindi
CEO
TA'ZIZ

Vartika Shukla
Chairman & MD
Engineers India Limited

Anant Maheshwari
President & CEO, Global High Growth Regions
Honeywell

Dr. Ranjit Rath
Chairman & MD
Oil India Limited

Anna Mascolo
EVP, Low Carbon Solutions
Shell

His Excellency
Haitham Al Ghais
Secretary General
OPEC

The Rt. Hon.
Abang Johari
Tun Openg
Premier of Sarawak
Malaysia

His Excellency
Dr. Alparslan
Minister of Energy and
Natural Resources
Turkiye

His Excellency
George Papanastasiou
Minister of Energy, Commerce
and Industry
Cyprus

His Excellency
Arzybek Kozhoshev
Minister of Energy and
Infrastructure
Eurasian Economic Union

His Excellency
Almassadam Satkaliyev
Minister of Energy
Kazakhstan

His Excellency
Dr. Ing. Habtamu Itefa
Minister of Water and Energy
Ethiopia

His Excellency
João Baptista Borges
Minister of Energy & Water
Angola

His Excellency
Musadik Masood Malik
Minister of Energy
Petroleum Division
Pakistan

Honourable John Sanie
Deputy Minister for Energy
Ghana

His Excellency
Osama Mobarez
Undersecretary
East Mediterranean
Gas Forum

His Excellency Eng.
Mohamed Hamel
Secretary General
Gas Exporting
Country Forum

Alfred Stern
Chairman of the
Executive Board and CEO
OMV

Dr. Dong Sub Kim
President & CEO
Korea National Oil
Corporation (KNOC)

Ichiro Takahara
Chairman & CEO
JOGMEC

Takayuki Ueda
President and CEO
INPEX

Arun Kumar Singh
Chairman & CEO
ONGC Group

Russell Hardy
Group CEO
Vitol

Tayba Al Hashemi
CEO
ADNOC Offshore

John Gilley
CEO
Kent PLC

Arnaud Pieton
Executive Director
and CEO
Technip Energies

Dr. Jennifer Holmgren
CEO
LanzaTech

Jasim Husain Thabet
Group CEO and
Managing Director
TAQA

Girish Saligram
President & CEO
Weatherford

Abdulnasser Bin Kalban
CEO
Emirates Global Aluminium
(EGA)

Omar Althukair
VP & Chief Digital Officer
Digital Transformation
Saudi Aramco

Kamil Al Shanfari
Managing Director, RPI & Plastics
OQ

Anima Anandkumar
Bren Professor of
Computing and
Mathematical Sciences
Caltech

Karim Amin
Member of the
Executive Board
Siemens Energy AG

Michel Lutz
Chief Data Officer and
Digital Factory Head of Data & AI
TotalEnergies

Prashant Ruia
CEO
Essar Capital

Eric Cantor
Vice-Chairman and
Managing Director
Moelis & Company

Vineet Mittal
Chairman
Avaada Group

Graham Henley
CEO
IOGP

Torbjörn Törnqvist
Co-founder & Chairman
Gunvor Group

Charlotte Wolff-Bye
VP & Group Chief
Sustainability Officer
PETRONAS

Yaser Saeed Almazrouei
Executive Director, People Commercial
and Corporate Support Directorate
ADNOC

Sophie Hildebrand
CTO
ADNOC

Jose Larios
CEO
Celeros Flow
Technology

Christina Verchere
CEO
OMV Petrom

Richard Burns
Chairman
ISS

Aadith Moothy
Founder and CEO
Boomitra

Hydrogen Conference overview

Hydrogen has gained prominence for its potential as a transformative energy carrier, with expectations for the potential advantages of low-carbon hydrogen continuing to rise. Yet, hydrogen's share in the energy mix is modest, in part due to rising project costs, scalability challenges, the need for facilitating policy, unrealised investment and the lack of enabling infrastructure.

Despite these challenges, hydrogen's potential to play an important role in a decarbonised energy future remains strong. Low-carbon hydrogen is expected to be the most likely decarbonisation solution for sectors that are difficult to abate and difficult to electrify. Green hydrogen is projected to be a viable replacement for those industries who are using grey hydrogen to make materials like ammonia and fertilisers, as well as industries relying heavily on coal. Hydrogen is also expected to play a key role in creating grid stability by facilitating long-term storage as demand for renewable electricity increases.

ADIPEC 2024's Hydrogen Conference will advance critical conversations between project developers, industry executives and policymakers, prioritising a clear blueprint that will help to move the industry past proof of concept on to widespread adoption of low-carbon hydrogen solutions. The conference, focusing on the following key themes, will offer a unique perspective into the global hydrogen outlook, framing pragmatic expectations for the role of hydrogen in the future energy mix, demonstrating progress towards wider adoption and adaption and addressing technology and scalability challenges.

Hydrogen Conference themes

Regulatory frameworks shaping the future of hydrogen

To enable and accelerate low-carbon hydrogen capabilities, strategic policy incentives and subsidy frameworks are planned or being enacted on multiple economic fronts to advance progress, including infrastructure investment, jobs creation, national energy independence and security, improved energy efficiency, and carbon capture and storage technology advances. Collaboration within national agencies and with the private sector are driving R&D, investment and project development on hydrogen technologies and infrastructure for the production, purification, distribution, storage and use of hydrogen and fuel cells.

Materialising offtake agreements and stimulating hydrogen demand

By 2050, low-carbon hydrogen demand could account for over 75% of total hydrogen demand. In the next few years, nearly all new hydrogen production coming online is expected to be low-carbon hydrogen, coinciding with an expected phaseout of grey hydrogen. To meet these projections, the production of hydrogen and its derivatives will have to overcome challenges, including technology scalability, rising project costs and limited electrolyser capacities. In addition, infrastructure build-out for large scale hydrogen use - including pipelines and import/export terminals – will need to take place to ensure low-carbon hydrogen supply can be traded and transported to meet demand. And, at the same time as accelerating low- and no-emission hydrogen production, driving hydrogen offtake across sectors at scale, such as heavy industry and transportation, will be key to realising hydrogen's potential in energy transition.

Hydrogen for people and planet: accelerating a just and equitable energy transition

The global hydrogen market is forecast to grow to over US$1.4 trillion annually by 2050, with green hydrogen supply accounting for most of it. A 2023 Deloitte report projects developing countries will account for nearly 70% of the market, creating as many as 1.5 million jobs per year between 2030 and 2050, and up to two million jobs per year globally between 2030 and 2050. Opportunities to benefit from the economic stimulus of a new hydrogen economy will require supportive policies and regulations, to build the required capabilities and ensure a competitive local industry that can meet global demand.

Regional progress to deliver the new hydrogen economy

As national hydrogen strategies, roadmaps and targets are embedded into energy strategies, continued and increased government and private sector support is needed to advance the hydrogen market. Progress must still be made against the challenges of technology, and infrastructure costs for producing and using hydrogen, demand generation for low emission hydrogen and incentivising policy to de-risk investment. Technological innovation, accelerated project deployment, enabling national and international regulatory frameworks, the development of global certification and reporting methodologies, will all have roles in delivering the benefits of a low-carbon hydrogen economy.

Decarbonisation Conference overview

The energy transition is pivotal for governments, businesses and societies as energy demand continues to grow. It requires transformative actions from all stakeholders to meet national and regional commitments as well as decarbonise energy systems on a global scale. This will require advancing policy frameworks, scaling investments in clean technology, strengthening decarbonisation strategies, securing lower-carbon energy sources and ensuring energy resilience.

Countries leading the energy transition are making progress toward decreasing energy intensity, shifting from traditional fossil fuels and adopting lower-carbon technologies for their energy consumption. ADIPEC will gather experts, from across the global energy ecosystem, for an inclusive forum dedicated to critical debate and discussion around the policy and business strategies that will accelerate transformational decarbonisation solutions across carbon capture, new energies, storage, efficiencies, infrastructure and utilities.

The ADIPEC 2024 Decarbonisation Conference will showcase credible solutions that can deliver the new decarbonised energy system of tomorrow. Focusing on four critical themes, this year's conference programme will explore international collaboration, clean energy investment, digitalisation and innovation, and operational excellence as key enablers of progress, accelerated through enabling policy and the adoption of high-impact technologies.

Decarbonisation Conference themes

Maximising international collaboration to accelerate decarbonisation

Global cooperation is key for shifting to low-carbon energy. It helps tackle three main barriers: finances, resources, and infrastructure. By working together, countries can set global standards and policies that boosts investment and speeds up deployment resulting in advances in decarbonisation of resources, funding, and innovation. It also ensures quick and sustainable energy for all nations.

Strengthening fiscal policy and frameworks to drive clean energy investment

Incentive policies are key to speeding up decarbonisation. They lower risks and reward investments in clean energy like new zero-carbon sources and energy efficiency. Policymakers aim to balance clean energy investments with technology growth and high costs. This balance is crucial as it ensures public support for clean energy remains strong.

Supporting digital technology and innovation to enable low-carbon energy solutions

Investment and innovation in climate and energy technology have the potential to deliver decarbonisation targets affordably. Indeed, many of the technologies expected to drive decarbonisation exist today—but scale and pace must be accelerated to realise mid-century commitments. Additionally, unprecedented collaboration across value chains, sectors and public/private actions will be needed to generate the velocity of progress required.

Driving decarbonisation and energy efficiency through operational excellence

Energy firms leverage operational excellence to slash emissions and boost efficiency. This framework pinpoints key decarbonisation opportunities, propelling systematic implementation by which companies can streamline their journey towards a greener future, maximising impact and driving sustainable change. By implementing the principles of operational excellence centred on leadership, process and systems, continuous improvement, culture, and mindsets, industries can achieve a double win: reducing their environmental footprint and lowering their operational costs.

Finance & Investment Conference overview

The energy transition represents an unprecedented investment opportunity, with governments, energy companies, and financial institutions tasked with providing the capital to decarbonise the energy ecosystem.

Yet, there is a disparity between capital flows and the investment necessary for a fair, systematic and equitable transition, with US$35 trillion projected to be required for investment in the energy sector by 2030 to facilitate a successful transformation. While progress is being made, many financers and energy companies are encountering issues around the availability, accessibility and affordability of the capital needed to transform energy systems.

Overcoming the issues of large-scale clean energy project bankability, navigating volatile and unpredictable macro-economic headwinds, and unlocking the green potential of developing economies are some of the challenges facing energy and financial sectors today.

A new vision for climate finance was presented in COP28's UAE Leaders' Declaration on a Global Climate Finance Framework, designed to ensure capital for climate action becomes more available and affordable and that access to climate finance is acknowledged as a lever for economic opportunity.

Building on these ambitions, ADIPEC's new Finance and Investment Conference will provide opportunities for governments, and the finance and energy sectors to advance a lower-carbon, higher-growth world. Across two days, the conference will spotlight the unique challenges and opportunities in the creation of transformational energy solutions needed to fast-track the global energy transition.

Finance & Investment Conference themes

Mobilising investment for a sustainable future

Climate action investment is being supported by new energy and climate transition funds, like the UAE's US$30 billion ALTÉRRA, with the goal of appealing to investors seeking risk-adjusted returns to overcome high initial capital costs as well as long ROI windows. Meanwhile, public-private collaborations are accelerating the accessibility and mobilisation of investment into climate technologies, supporting infrastructure, and scalability. However, there is still a growing disparity between the financial flows of today and those needed to build the low carbon high growth energy system of tomorrow.

Navigating uncertain geopolitical factors to secure energy transition investment

Geopolitical challenges continue to impact fossil fuel markets and renewable energy development, as well as investment confidence and commitments, all of which contribute to increased energy price volatility. For the energy transition to build momentum, policy makers must evaluate fiscal investment and policy frameworks through the lens of balancing immediate energy demand supply and security needs with commitments to delivering the new, lower carbon energy future as well as net-zero targets.

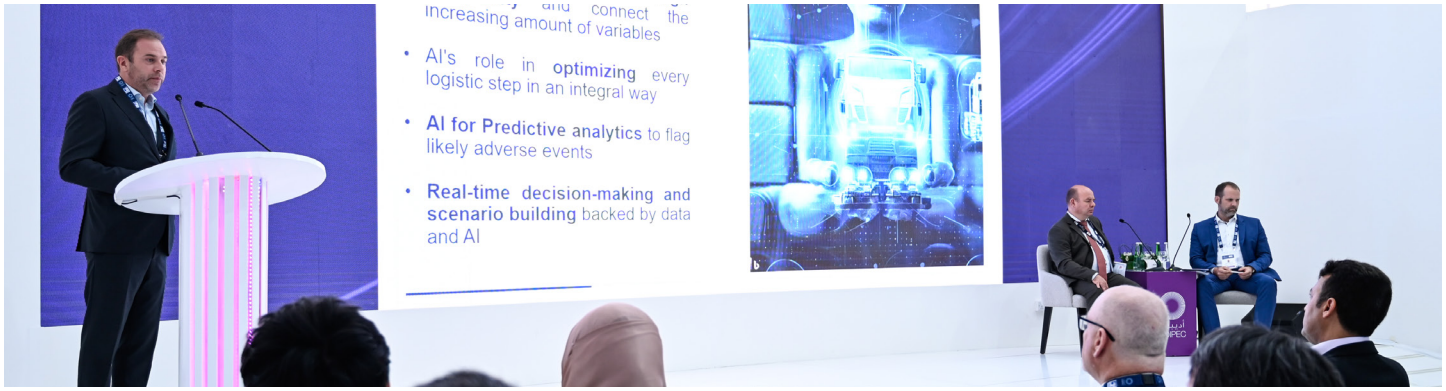
Ensuring the bankability of clean energy projects and technologies

Bankability challenges are stalling clean energy projects seeking the financial support needed for development. Unclear ROIs, complex risk profiles, high initial capital costs, and unpredictable policy incentives are all contributing to investor hesitation. The conference will examine how governments and organisations across the energy system can become adept at incentivising energy transition investment and at presenting a visible path to investment profitability.

Meeting the growing demand for resilient and clean energy in developing economies

According to the IEA, investments in clean energy in developing economies represents only 15% of the global expenditure. To achieve an inclusive energy transition, investment must be distributed more equitably to these regions, unlocking their clean energy and economic potential while addressing the financial, socioeconomic, and climate challenges that hinder growth and development. Delivering a just energy transition and economic prosperity for all will require a quickening of the flow of foreign direct investment to upgrade transmission, storage, and other elements of developing countries' energy infrastructure.

Digitalisation & Technology Conference overview



The rapid growth of next-generation technologies such as smart grids and responsive energy supply management, energy storage such as battery and thermal, carbon capture solutions, artificial intelligence (AI), and the Industrial Internet of Things, have the potential to enable the low-carbon clean energy system of the future.

The integration of these digital technologies into energy systems can allow for greater energy supply and demand forecasting, better energy efficiency optimisation, and more reliable modelling of transition pathways. While these technologies are already advancing progress and driving measurable improvements to realise their full potential, global collaboration is required to develop supportive policy and funding mechanisms that will drive innovation and support the interoperability of connected systems and data sharing needed to enact critical progress.

Building a secure supply of critical raw materials and identifying new opportunities for resource sharing across global value chains will be crucial in ensuring the scale-up of critical energy and climate technologies. While the possibilities are far-reaching, these technologies will not be a silver bullet to transformation, with each technology carrying its challenges. Incorporating next-generation technology with legacy systems, overcoming initially expensive set-up costs, and managing new emissions profiles will all need to be navigated and overcome.

ADIPEC 2024's new Digitalisation & Technology Conference will bring together energy and technology pioneers to inspire collaborative action to fully unlock the opportunities presented by the integration and adoption of Fourth Industrial Revolution technologies, such as AI, to improve energy efficiency and deliver the low-carbon clean energy system of tomorrow.

Digitalisation & Technology Conference themes

Digitalisation of the energy sector

Advances in digital technology capabilities, declining costs and omnipresent connectivity have led to an increase in the adoption of digital technologies and data-driven insights that have the potential to advance new, clean energy solutions, improve energy efficiency and resilience, and reduce emissions. However, with progress comes new challenges; the energy sector must address risks surrounding the potential loss of jobs through process automation, cybersecurity threats and rising energy demand associated with technologies like AI and data management - demand that will quickly outpace available supply and negatively impact the climate without rapid intervention.

Integrating next-generation technologies with the energy systems of today

As technology solutions continue to flood the market, technologies like AI, IoT, blockchain, and digital twinning, all possess great potential to unlock a clean and resilient future energy system. However, the slow-to-adopt nature of the sector combined with legacy IT systems, has slowed down deployment. To fully utilise Fourth Industrial Revolution technologies, businesses will need to integrate them into existing systems to achieve technical interoperability necessary to build the energy system of tomorrow.

Building secure, resilient supply chains for critical minerals and rare earths in a competitive global market

In the transition to clean energy, critical minerals and rare earth metals bring new challenges to energy security. According to the IEA, the average amount of minerals needed for a new unit of power generation has increased by 50% since 2010. Evolving geopolitical tensions, rising materials demand, and limited supply combined with an imbalanced market have led to rising commodity prices and supply chain disruptions that leave businesses vulnerable. To reduce risk, businesses must look to diversify supply chains, in the short-term, and look to alternative materials and solutions, in the long-term, so that there is less reliance on a limited supply chain.

Ensuring a human-centric digital evolution

As the digital landscape evolves at a rapid rate, businesses continue to accelerate their digital transformations through the adoption of AI and other Fourth Industrial Revolution technologies. While the upsides are clear, businesses must also play a role to ensure their transformations are mutually beneficial for people and the wider society. To ensure their workforce is equipped with essential skills and competencies, leaders must look to training and reskilling of the existing workforce. For the potential of emerging digital technologies to be realised, digitally savy and legacy talent must work collaboratively to share experience and drive business operations forward. At the core of these investments must be a human-centric approach to ensure buy-in from employees, customers, and wider society.

Maritime & Logistics Conference overview

The maritime and logistics industries play crucial roles in enabling everyday lives and livelihoods. But as carbon intensive industries, finding decarbonisation solutions that can accelerate industry-wide transformation is a critical step in delivering a clean energy future while maintaining equitable economic growth.

As the sector confronts the divide between conventional and future fuels, all stakeholders must adopt actionable cross-sector strategies to release bottlenecks and secure offtake agreements.

Maritime and shipping experts are prioritising ramping up energy efficiency and integrating technologies to lower demand and improve fuel cleanliness. Meanwhile, the readiness of ports for an alternative energy future will be a pivotal part of the maritime decarbonisation journey, balancing the urgency of infrastructure developments with the availability of new fuels.

ADIPEC's Maritime & Logistics Conference will convene pioneers, executives and regulators from the shipping world and beyond to engage in the pragmatic and transparent cross-industry dialogues that will establish cohesive global approaches to decarbonise the maritime sector, drive progress towards net-zero and shape the future of global supply chains.

Maritime & Logistics Conference themes

Building cross-industry partnerships to secure demand for green fuels

Decarbonising maritime transport faces considerable hurdles. Ambiguous demand signals, elevated production costs, and limited infrastructure are holding back progress, requiring concerted efforts to tackle these issues. This involves creating innovative partnerships, adopting transparent cost-sharing models, and exploring new financing approaches. Establishing strategic green corridors and aggregating public-private demand can help secure long-term fuel agreements and send strong demand signals to producers. Additionally, collaborating with regulatory bodies to develop clear policies and standards will support the expansion of zero-emission fuels, paving the way for a sustainable maritime future.

The role of technology in decarbonising and transforming maritime operations

The urgency to reduce greenhouse gas emissions within the maritime industry is underscored by an evolving regulatory landscape and the industry's commitment to a sustainable future. As the industry prepares for a shift to cleaner energy sources across its operations, advanced technology will play a pivotal role, both in decarbonising the maritime industry and positioning it to deliver for customers around the globe to meet ambitious carbon reduction targets. The impact of automation, artificial intelligence, and data analytics not only improves operational efficiencies and provides insights for reducing emissions, but also enhances safety and security mechanisms onboard ships and at ports.

Resilience and adaptability in global shipping

A thriving maritime sector significantly contributes to and supports international commerce and the global economy. As geopolitical challenges and climate change introduce new variables into global trade, the resilience of maritime logistics and shipping becomes crucial. Strategies for maintaining energy efficient trade flows and operating international shipping services amid disruptions will prove crucial in managing ongoing market demands and sudden environmental changes. Navigating these challenges while ensuring economic stability and security in energy goods and materials supply is a key priority for national, regional and global trade.

ADIPEC's 2024 Conference Programme format

Action Sessions

Industry leaders, CEOs and experts will share their actions, progress and commitments on decarbonisation and the energy transition.

Leadership Interview

A deep dive interview session into the insights and strategies of top industry leaders as they navigate the challenges and opportunities in driving the global energy transition towards a sustainable, low-carbon future.

Breakfast Briefing

An interactive discussion led by industry experts which will look to cover key topics impacting the industry.

Leadership Perspectives

A panel discussion featuring global industry leaders and experts, uniting diverse perspectives from across the entire energy ecosystem to explore cutting-edge strategies, policies, and technologies shaping the energy system of the future.

Energy/Finance/AI Talks

In-depth interviews with global industry CEOs, government leaders and industry experts, conducted by prominent anchors and moderators.

Leadership Roundtables

At these invitation-only roundtables, decision-makers who are spearheading the evolution of a responsible energy industry will engage in impactful discussions aimed at accelerating the energy transition. Each conversation will be enriched by specialised expertise and diverse perspectives, transforming discussions into tangible actions, insights into meaningful impacts, and commitments into reality.

Fishbowl

An informal panel-style session with panellists sat in a circle surrounded by the audience. After an initial conversation, led by a facilitator and the panellists, the audience will be invited to comment on and ask questions to the wider group.

Lightning Talks

A series of four 15-minute presentations covering some of the most essential technologies needed for businesses to bring their operations into the digital age.

Strategic Panel Sessions

Global CEOs, industry experts and influencers will discuss the future of increasingly complex and multifaceted energy systems, decarbonisation strategies, new industry investment trends, cross-sector partnerships, energy security and resilience.

Live Demo

A live demonstration of a particular technology and the potential benefits it poses for the industry.

Technology/Voices of Tomorrow Talk

A TED Talk format style session interactive stage presentation.

Ministerial Panels

Global ministers, policymakers, and decision-makers will share insights into how policy is strengthening energy security, accelerating the energy transition, stabilising geopolitical volatility and enhancing global collaboration.

Women in Business Spotlight

In-depth interviews with an industry trailblazer.

Regional Spotlight Sessions

Panel discussion on region-specific progress updates around the energy transition and clean energy deployment, focusing on unique challenges and opportunities of key geographical areas.

DAY 1

MONDAY
4 NOVEMBER 2024

DAY 1 MONDAY 4 NOVEMBER 2024

STRATEGIC CONFERENCE

10:00 - 11:30 Energy transition — Location: ICC Hall

Ministerial Session

The new global leaders and the energy transition

The global energy landscape is rapidly evolving, with emerging economies playing an increasingly pivotal role in shaping its future. Geopolitical events, technological advancements, and climate impacts and pressures have disrupted energy systems, driving nations to reassess their energy strategies, emphasising the need to accelerate the transition to a multifaceted new energy system. However, emerging markets have different economic structures, resources and capabilities, and transition starting points, and there is no universally applicable solution to address all circumstances. Facing this reality, emerging economies are leveraging their unique resources to build resilient and diversified energy systems. They are focusing on maintaining a diverse and sustainable energy portfolio, developing essential infrastructure, and implementing robust policies to support this transition and ensure their competitive advantage in global markets. The crucial question remains. How can these countries leverage their distinct capabilities and unique starting positions to formulate their energy strategy and shape their future? How can they balance their energy demands, technological advancement, environmental stewardship, energy security, and economic prosperity?

Attendee insights: Gain insights into energy strategies as well as the role of policy in shaping the energy transition and supporting access to a diversified clean energy mix.

STRATEGIC CONFERENCE

12:30 – 13:00 AI — Location: ICC Hall

AI Leadership Dialogue

The AI promise: opportunities and impacts

AI is experiencing unprecedented growth, with the market expected to surge from $67 billion in 2023 to a staggering $1.3 trillion by 2032. As AI tools advance, they could drive a 7% increase in global GDP, translating to a $7 trillion boost. This phenomenal expansion underscores AI's transformative potential across all sectors. The energy industry, which stands on the brink of significant evolution, is no exception. AI's capabilities in energy are being actively integrated to revolutionise efficiency, optimise grid management, and balance demand, marking a new era of energy innovation. However, AI's rapid advancement comes with substantial energy costs. The IEA predicts that within two years, data centers, which are the backbone of AI operations, could consume the same amount of energy as Sweden or Germany. As we navigate towards a future where AI is central to innovation, how can we balance its transformative benefits with its growing energy demands, and how can we optimise its applications to ensure a sustainable and efficient energy transition?

Attendee insights: Industry leaders in AI and energy share insights on the future of AI, its role in advancing the energy transition, and its applications and impacts on our energy systems. Discover how the surging energy demand for AI can be sustainably met, how AI is helping shape the future, and uncover the critical technologies, partnerships, and investments needed to turn this vision into reality.

DAY 1 MONDAY 4 NOVEMBER 2024

STRATEGIC CONFERENCE

13:00 – 14:00 Energy transition — Location: ICC Hall

Strategic Panel

Meeting escalating global energy demand whilst transitioning to a low carbon energy system

The IEA projects that global demand for both oil and gas is set to peak by 2030, with all major climate scenarios concluding that our 2050 energy mix will include oil and gas. As the world continues to rely on energy for economic growth and technological advancement, oil and gas have an important role to play in providing a stable and affordable energy supply. However, direct emissions from industry represent ~10% of global emissions, and indirect emissions from its combustion result in a further 35% of global emissions. The industry is navigating multi-faceted challenges of delivering the required energy supply, meeting the expected returns of their public and private shareholders, and achieving decarbonization and climate ambitions. How can oil and gas companies balance these different requirements? How are they working across the different value chains to help manage the demand? How are they future-proofing their business model and operations through their investments?

Attendee insights: Global CEOs will share insights into how they are balancing business priorities whilst meeting the rapidly increasing energy demand and the realities of climate change.

Speakers:

Murray Auchincloss
CEO
bp

Wael Sawan
CEO
Shell

Claudio Descalzi
CEO
Eni

Tengku Muhammad Taufik
President & Group CEO
PETRONAS

Moderator:

Becky Anderson
Managing Editor
CNN Abu Dhabi and Anchor
Connect the World

STRATEGIC CONFERENCE

13:00 - 13:45 Energy transition — Location: Conference Room B

Action Session

Energy access: the key to equitable energy transition and economic opportunity for all

Energy is directly linked to economic development. Greater energy access, affordability and reliability result in higher levels of GDP. Ultimately, there is no path to economic development without greater energy access and consumption. To ensure a just and equitable energy transition, governments, the private sector and non-governmental organisations (NGOs) must collaborate to create enabling, reliable infrastructure, inclusive market dynamics and practical, diversified energy supply for all. In the case of access to clean energy—which is playing a growing role in the global energy system—opportunities are opened to address socio-economic inequalities including jobs creation, access to education, improved health outcomes and more.

Attendee insights: This Action Session will examine the role of governments, the private sector and non-governmental organisations (NGOs) in creating the right solutions for a diversified energy supply for all, prioritising universal access to clean energy and empowering communities to participate in energy decision making processes

Speakers:

Graham Henley
CEO
IOGP

Brian Sullivan
CEO
IPIECA

Charlotte Wolff-Bye
VP & Group Chief Sustainability Officer
PETRONAS

Karim Amin
Member of the Executive Board
Siemens Energy AG

Moderator:

Rebecca McLaughlin-Eastham
TV Anchor, MC & CEO
RME Media

DAY 1 MONDAY 4 NOVEMBER 2024

DECARBONISATION CONFERENCE

13:00 - 14:00 | Decarbonisation | Heavy emitting | Location: Decarbonisation Theatre

Strategic Panel

Role of policy and regulation in ending routine flaring and achieving near zero methane emissions

Flaring operations contribute significantly to climate change by releasing both carbon and methane into the atmosphere. However, by implementing robust policies and regulations that mandate monitoring, reporting, and abatement of emissions, countries can effectively eliminate routine flaring, minimise non-routine flaring, and achieve near zero methane operations. This not only helps combat climate change but also creates opportunities to bolster energy supply by utilising the natural gas that would otherwise have been flared, whether for on-site power generation or sale on the market. Addressing flaring and methane in tandem is essential to attain sustainable and energy-efficient operations.

Attendee insights: This session will explore policy and regulation strategies aimed at ending routine flaring and mitigating methane emissions as well as the implementation strategies needed to implement them.

Speakers:

Georges Tijbosch
Chief Executive and Board Member
MiQ

Aida Araissi
CEO
Bilateral Chamber of Commerce

Ellis Renforth
President, Operations for Europe, Middle East and Africa
Wood

Ryan Mattson
VP Oil & Gas
GHGSat

Debbie Walker
OGMP 2.0 Senior Upstream Advisor
UNEP

Zubin Bamji
Program Manager, Global Gas Flaring Reduction Global Flaring and Methane Reduction (GFMR) Partnership Manager, Energy and Extractives
World Bank

Moderator:

Martha Vasquez
Partner and Associate Director
BCG

FINANCE & INVESTMENT CONFERENCE

13:00 - 13:30 | Finance | Energy transition | Location: Conference Room A

Finance Talks

The global energy transition: Where are we today and what is next?

Addressing climate change is one of today's greatest challenges and the need to decarbonize our global economy represents a significant investment opportunity. While there is broad alignment around the need to replace fossil fuels with low carbon energy sources, there is complexity and misalignment from policymakers, capital providers and corporates around what actions are required to achieve the energy transition and how fast we get there. How are governments directing capital to this need? How do we decarbonize traditional energy companies and transition them into the energy companies of the future in a way that facilitates growth and enhances enterprise value?

Attendee insights: Hear from Jeff Currie, a globally renowned expert on energy and commodity markets, and his firm Carlyle, a leading investor in traditional and renewable energy, discuss the investment opportunities resulting from the global energy transition.

Speaker:

Jeff Currie
Chief Strategy Officer of Energy Pathways
Carlyle Group

DAY 1 MONDAY 4 NOVEMBER 2024

FINANCE & INVESTMENT CONFERENCE

13:30 – 14:30 | Finance | Cross-sector | Location: Conference Room A

Strategic Panel

Bridging the gap: energy and financial cross-sector collaboration to advance new projects

A successful global energy transition will naturally be advanced in large part by the acceleration of renewables project deployment, advances in clean technology and scalability, and more. Large scale capital investment is critical to advancing the development of clean and lower carbon energy projects. Investment and finance confidence will be built across a combination of mechanisms, from policy incentives to transition knowledge building across the finance community a tolerance for the risk profile required to deliver the global transition. How can the energy and finance sectors work better together to unlock the needed finance? What are investors and banks looking for in energy projects to prove their bankability? How can the energy sector inspire investor confidence to create the risk tolerance required to deliver innovative energy projects?

Attendee insights: Hear how leading investors and banks can collaborate with the energy industry to deliver the required investment to ensure the energy transition progresses at the pace and scale needed.

Speakers:

Julian Mylchreest
Executive Vice Chairman
Bank of America

Reinhard Florey
CFO
OMV

Massimo Falcioni
Chief Competitiveness Officer
Abu Dhabi Investment Authority

Andrew Tait
Group CFO
Fertiglobe

Moderator:

Dr. Carole Nackle
Founder and CEO
Crystol Energy

STRATEGIC CONFERENCE

14:00 – 15:00 | Energy transition | Location: ICC Hall

Ministerial Session

Increasing collaboration between the Global North and South for a successful transition

Solving climate change challenges and ensuring a successful energy transition will require increased collaboration between the Global North and the developing economies of the Global South, inclusive of financing, technology and clean energy skills. The energy transition will reshape the global industrial and competitive landscape. New centers of low-cost, low-carbon energy will emerge, and industries in which energy accounts for a sizable share of overall costs—for example, ammonia production, data centers, aluminum, pulp and paper, and steel manufacturing—could be leading candidates to relocate. Enhanced collaboration across these new value chains is essential, and governments and private sector across the North and South need to work together to ensure effective and sustainable integration. The Global North must take action to enable substantial de-risked investment across several critical fronts to ensure energy access and affordability in the Global South. How can governments and businesses catalyse socio-economic development, including integration of value chains, ensure access to technology and a skilled workforce, provide supportive international partnerships, create viable carbon markets and incentivise energy transition policies?

Attendee insights: Gain insights into supporting mechanisms to increase collaboration between the Global North and the Global South to further tackle climate change challenges and what's required for a just, orderly and equitable transition in the Global South.

DAY 1 MONDAY 4 NOVEMBER 2024

DECARBONISATION CONFERENCE

14:00 - 14:45 | Decarbonisation | Global South | Location: Decarbonisation Theatre

Leadership Perspectives

Partnering with the Global South to advance global decarbonisation

Despite the relatively low contributions to global GHG emissions by most countries in the Global South, these countries are often the most vulnerable to rising sea levels, floods and extreme temperatures. Additionally, these countries face additional challenges including limited access to financial resources, lack of infrastructure and heavy dependence on climate-sensitive sectors like agriculture. To accelerate an equitable energy transition across the Global South, collaboration with the Global North will be needed across finance and investment, digital integration, technology development and innovation, and capacity building while also enabling sustainable energy sources and reduced carbon emissions. Global energy's future hinges on collaboration. Governments, businesses, and civil society must unite to dismantle obstacles. Their joint efforts can propel an equitable shift for developing nations while fostering worldwide sustainability and decarbonisation.

Attendee insights: This session will focus on crucial strategies and actions to reduce carbon emissions, combat climate change and ensure an accelerated energy transition across the Global South.

Speakers:

Olakunle Williams
CEO
Tetracore Energy Group

Dr. Waddah S. Ghanem Al Hashmi
Honorary Chairman
Energy Institute - Middle East

Vijay Swarup
Senior Director Climate Strategy and Technology
ExxonMobil

DIGITALISATION & TECHNOLOGY CONFERENCE

14:00 – 15:00 | Technology | AI | Location: Digitalisation & Technology Theatre

Strategic Panel

The future of digitalisation: how will it impact the future of energy?

Technology has the potential to accelerate the transition of the energy sector to a low-carbon and clean energy system and contribute to meeting ambitious climate targets in time and in a just and equitable manner. But what will this look like in practice? At its core, the digital transformation of the energy sector will require cooperation, data sharing, and investment at an unprecedented scale. With immense benefits, especially in energy efficiency, this cross-sector collaboration is key for industry development.

Attendee insights: Hear from industry leaders on how they plan to navigate the digitalisation of energy and how they are setting up their businesses, in particular workforces, for success in the digital era.

Speakers:

Dr. Najwa Aaraj
CEO
TII

Scott Ryan
COO
ADDC

Kamel Tawil
Managing Director, Middle East & North Africa
equinix

Gino Hernandez
Head of Global Digital Business
ABB Energy Industries

Aravind Yarlagadda
SVP Industrial Solutions
Industrial & Energy Technology
Baker Hughes

Moderator:

Dr. Carole Nackle
Founder and CEO
Crystol Energy

DAY 1 MONDAY 4 NOVEMBER 2024

STRATEGIC CONFERENCE

14:25 - 15:10 | Investment | Location: Conference Room B

Action Session

The new investment horizon

In 2023, global investment in the energy transition reached a new record of $1.8 trillion, marking a 17% increase from the previous year. However, we still need approximately $4.8 trillion in annual investments to achieve our targets. Similarly, global private investments in AI between 2013 and 2023 totaled nearly $1.3 trillion, and investments in AI are projected to continue increasing year-over-year as the technologies mature and the business case for AI becomes clearer. These substantial financial commitments reflect the transformative potential these fields hold. Both the energy transition and AI are poised to revolutionise sectors ranging from heavy industries to food, healthcare, and finance, and could exacerbate existing inequalities in access and sustainable growth. What are the transformational investments being made in these two sectors, and how are public and private investors adapting their investment strategies?

Attendee insights: Major public and private investors will shed light on the current and future investment trends in AI and energy, and what is driving their investment strategies, elaborating on the opportunities and challenges in these sectors.

Speaker:

Jeff Currie
Chief Strategy Officer of Energy Pathways
Carlyle

FINANCE & INVESTMENT CONFERENCE

14:30 – 15:30 | Finance | Energy transition | Location: Conference Room A

Strategic Panel

Investor relations: instilling confidence and mobilising capital to deliver the energy transition

As investors and energy companies work to secure finance for projects and business ventures vital to the energy transition, they are still accountable to investor expectations of high and consistent returns. This is intensified by the high CAPEX and risk profiles of clean energy projects. How can investor relations instil confidence in energy transition investment, while ensuring profitability expectations are met? What practical measures can be taken to boost investor confidence and overcome a short-term return mindset?

Attendee insights: Hear how leading investor relations professionals are developing sustainable and inclusive long-term investment perspectives, with the goal of deploying the capital needed to fund the energy transition.

Speakers:

Eng. Abdulla Abdul Aziz Al Shamsi
Group Chief Business Officer
Abu Dhabi Commercial Bank

Dr. Roland Kupers
Global Advisor on Complexity Resilience and Energy Transition
UNEP

Thiri Thant Mon
Director of Investor Relations, Investments
Climate Investment

DAY 1 MONDAY 4 NOVEMBER 2024

DECARBONISATION CONFERENCE

14:45 - 15:15 | Decarbonisation | Biofuels | Location: Decarbonisation Theatre

Leadership Interview

Scaling sustainable biofuels supply to deliver decarbonisation

Biofuels could potentially contribute to about 2-5% reduction in global GHG emissions. Their applicability could be the largest in transportation. However, while biofuels offer a solution, it is crucial to ensure their production is sustainable. Building a resilient biofuel supply chain requires a focus on the right feedstocks and advanced production technologies. Biofuels manufacturing must aim to diversify their feedstock beyond purpose-grown energy crops to ensure a more efficient, net-zero biofuels supply.

Attendee insights: Learn about the challenges in scaling sustainable biofuel and the opportunity it presents to contribute to a decarbonised energy system.

Speaker:

Sarthak Behuria
Chairman & Chairperson of the Board of Directors
Reliance BP Mobility Limited

STRATEGIC CONFERENCE

15:00 – 16:00 | Technology | Location: ICC Hall

Strategic Panel

Transition and innovation: how companies are shaping the future of energy

The global energy transition is set to dramatically reshape the energy landscape. Currently, about 80% of global energy is derived from fossil fuels, but the IEA's Net Zero Emissions by 2050 Scenario aims for renewable energy to constitute two-thirds of global supply by 2050. Achieving this target is no small feat and will necessitate a substantial shift in how energy companies look at their business, profoundly affecting their entire value chain—from strategy to production to the end consumer. In response to this, numerous energy companies have embarked on a transformative journey. Companies are approaching the transition in different ways, with many using innovative approaches, from shifting business models, to changing their product portfolio, to providing differentiated consumer experiences. The pressing question remains: How can energy companies adapt to this rapidly evolving energy landscape, and what strategic insights can they learn from the trailblazers who have successfully navigated this transition?

Attendee insights: Energy leaders – from traditional energy players and renewable providers to new entrants – will provide their perspectives on how their organisations are navigating the energy transition and how are they innovating to achieve their goals.

Speakers:

Lorenzo Simonelli
Chairman & CEO
Baker Hughes

Takayuki Ueda
Representative Director
President and CEO
INPEX

Olivier Le Peuch
CEO
SLB

Miguel Ángel López Borrego
CEO
thyssenkrupp

Maví Zingoni
CEO Power
GE Vernova

Moderator:

Dan Murphy
Anchor and Correspondent
CNBC

DAY 1 MONDAY 4 NOVEMBER 2024

DIGITALISATION & TECHNOLOGY CONFERENCE

15:00 – 15:30 | Technology | Cross-sector | Location: Digitalisation & Technology Theatre

Technology Talk

Digital evolution: evolving energy sector business models for the new energy system

As the digital evolution continues to change the way the economy develops, businesses are having to rewire business and operating models to remain competitive. To navigate this transformation successfully, businesses must make large-scale investments in technologies, work force development, supply chain modelling and R&D, seamlessly integrating them into business operations to facilitate increased operational efficiency and customer satisfaction.

Attendee insights: Hear from a leading mind in the space how they are approaching the digitalisation of the sector, covering investment, technology selection, integration, and the human aspect, ultimately delivering a return for the business and its customers.

Speaker:

Frederic Godemel
EVP Power Systems & Services
Schneider Electric

DECARBONISATION CONFERENCE

15:15 - 16:15 | Decarbonisation | Location: Decarbonisation Theatre

Strategic Panel

Optimising operations to advance decarbonisation: a digital and cultural shift

The operating environment for energy-related stakeholders is rapidly evolving, with increasing pressure for transparency and accountability around emissions, sustainability metrics, and net-zero progress. By adopting a digital-first mindset, that leverages data analytics and emerging technologies, and fostering a culture of innovation and collaboration, organisations can optimise operations for decarbonisation and contribute to a sustainable future. However, there are challenges in leveraging operational excellence including establishing accurate emissions baselines, accounting for value chain emissions, aligning incentives, and engaging the entire organisation in decarbonisation efforts. Overcoming these challenges requires companies to take a holistic, collaborative approach that embeds decarbonisation into their core operating model and gives it the same importance as improving efficiencies and reducing costs.

Attendee insights: Understand the role of digital technologies and cultural integration in optimising operations for reduced emissions and impactful decarbonisation.

Speakers:

Adnan Bu Fateem
COO
Mubadala Energy

Gabriel Podskubka
COO
Tenaris

Naïla Giovanni
Chief Digital and Information Officer
TechnipEnergies

Christophe de Maistre
Segment President, Energies & Chemicals
Schneider Electric

Richard Ward
EVP Field Operations
Weatherford

Moderator:

Silvia Rigato
Strategy & Consulting Lead for Energy and Utilities
Sustainability Lead
Accenture Middle East

DAY 1 MONDAY 4 NOVEMBER 2024

STRATEGIC CONFERENCE

15:30 – 16:15 Energy transition Location: Conference Room B

Action Session

Driving the future: scaling up electric mobility

Road vehicles are a significant contributor to global CO2 emissions, accounting for 15% of total emissions. With car ownership expected to surge due to increasing population and income levels, tackling the dependency of road transportation on non-renewable energy is imperative for decarbonising this sector. Electric Vehicles (EVs) and Electric Autonomous Vehicles (EAVs) are at the forefront of this transformation, currently displacing 1.7 million barrels of oil per day, which is roughly 3% of the total road fuel demand. The future of mobility is undeniably electric and although EV adoption rates are rising globally, the pace varies significantly between countries. To ensure widespread EV adoption, three crucial factors need to be addressed: government policy and regulation, technological advancements, and robust infrastructure and integration. The synergy of these elements will drive the transition to a cleaner, more sustainable transportation future, but what decisive actions can we take to accelerate this adoption and ensure the transition?

Attendee insights: This Action Session will gather holistic views of the critical factors, challenges, business implications, investment opportunities, and partnerships necessary to accelerate the transition to a fully electric and autonomous future in road transportation.

This brochure is correct as of 14 October 2024. All sessions and topics will continue to evolve and are subject to change.

DAY 1 MONDAY 4 NOVEMBER 2024

FINANCE & INVESTMENT CONFERENCE

15:30 – 16:30 | Finance | Energy transition | Location: Conference Room A

Strategic Panel

Climate finance: the role of the energy and finance sectors

The energy transition represents a trillion-dollar investment opportunity for investors. With public investment on the rise, risk profiles are becoming more attractive and are starting to facilitate the mobilisation of capital. However, for the global economy to transition at the pace and scale necessary to meet climate targets, private finance must play a greater role. How can the energy and finance sectors work more closely together to accelerate the flow of investments in clean energy projects to match investor risk return expectations?

Attendee insights: The industry's most influential investors and energy providers on how they are shaping the future of the energy transition to be profitable and green from both a financial and energy perspective.

Speakers:

Lina Osman
Managing Director & Head Sustainable Finance Africa and MENAP
Standard Chartered

Bruce Johnson
Director, Corporate Finance & Treasury
Masdar

Jassim AlSane
Co-head of Investment Banking MENA
Goldman Sachs

Debnath Mukhopadhyay
CFO
TruAlt Bioenergy

STRATEGIC CONFERENCE

15:35 - 15:55 | AI | Location: Conference Room B

Energy Talk

The future of AI: where are we heading?

The power of AI to accelerate research and development in fields such as climate science, physics and quantum computing—as well as the way the work is conducted—is immense. In addition, AI can also support and accelerate societal agendas, driving substantial economic growth and productivity gains, reducing social inequalities while increasing opportunities, and more. AI is also transforming the energy sector, driving change across operational optimisation, renewable energy integration, energy efficiency sustainability, and more.

Attendee insights: Hear from industry leaders on the strategies being put in place to modernise companies and lead in a time of constant change and new economic environments.

Speaker:

Anima Anandkumar
Bren Professor of Computing and Mathematical Sciences
Caltech

Moderator:

Rami E. ElDebs
Global Data & AI Strategy Lead
Accenture

DAY 1 MONDAY 4 NOVEMBER 2024

STRATEGIC CONFERENCE

16:15 – 17:00 AI **Location: Conference Room B**

Action Session

Priorities for the energy sector: AI, climate technology and new energy sources

The direction of travel for the global energy sector is clear, delivering affordable, secure, sustainable energy supply which in turn will require the energy ecosystem to evolve and incorporate new energy sources and new business models. Existing technologies, skills and operating processes will need to be transformed to ensure the market position of energy companies in a transformed energy system. Energy businesses are uniquely tasked with both implementing their own AI agendas and responding to the sharp increase in power demand created by AI and data centre development. A focus on investment in R&D, project development, scalability, and infrastructure build-out will be needed to keep pace. What strategies should energy producers and suppliers adopt to build bespoke energy mixes creating flexibility for nations and regions aligned with the priorities and pathways to net-zero?

Attendee insights: Hear from industry leaders on the strategies being put in place to modernise companies and lead in a time of constant change and new economic environments.

Speakers:

Dr. Dong Sub Kim
President & CEO
Korea National Oil Corporation (KNOC)

Alfred Stern
Chairman of the Executive Board and CEO
OMV

Girish Saligram
President & CEO
Weatherford

DAY 2

TUESDAY
5 NOVEMBER 2024

DAY 2 TUESDAY 5 NOVEMBER 2024

STRATEGIC CONFERENCE

09:00 – 10:00 Energy security — Location: ICC Hall

Ministerial Session

Guaranteeing energy security through the energy transition

In recent years, geopolitical events have disrupted energy supplies, threatening energy security and underscoring the urgency of accelerating the transition to a multifaceted new energy system. Policy plays a pivotal role in establishing the mechanisms for meeting energy transition targets, ensuring a reliable and resilient energy future. It is well recognised that diverse energy supply mixes will be built to suit a country or region's unique energy assets and needs. However, it is crucial to explore to what extent policies, such as the Inflation Reduction Act and the EU Green Deal, can ensure energy security and industrial competitiveness and drive progress in scaling new clean energy solutions and the required infrastructure. In addition, addressing the complexities of energy security requires a holistic approach that encompasses not only the diversification of energy sources but also the decarbonisation of industries and the development of robust supply chains to mitigate any risks posed by geopolitical tensions and market volatility. How can we foster collaboration between governments, the private sector, and international organisations to bolster energy security while transitioning to cleaner energy sources?

Attendee insights: Gain insights into energy security strategies as well as the role of policy in shaping the energy transition and supporting access to a diversified clean energy mix.

DECARBONISATION CONFERENCE

09:40 - 10:10 Decarbonisation | Nuclear — Location: Conference Room B

Action Session

Nuclear energy as a lower-carbon energy source

The ability of nuclear energy to provide low-carbon electricity, hydrogen, and high-grade heat makes it a versatile source that can contribute significantly to decarbonising heavy-emitting sectors and helping achieve global climate goals. With more than 20 nations signing the Declaration to Triple Nuclear Energy, this joint commitment underscores the global recognition of nuclear energy's part in global net-zero greenhouse gas emissions by 2050. However, risks such as safety, environmental and geopolitical issues must be addressed to secure its place as a reliable source of energy given its steady baseload power, 24/7 availability, and long operating lifetime.

Attendee insights: Understand the potential for nuclear energy and its role as a lower-carbon energy source in the new energy systems.

Speakers:

Mohamed Al Braiki
CEO
Emirates Nuclear Energy Corporation Consulting

René Matthies
CFO and Corporate Operations Executive Director
Emirates Water and Electricity Co.

Moderator:

Dr. Carole Nackle
Founder and CEO
Crystol Energy

DAY 2 TUESDAY 5 NOVEMBER 2024

STRATEGIC CONFERENCE

10:00 - 11:00 | Finance | Location: ICC Hall

Strategic Panel

Delivering the trillions of investment dollars needed for the energy transition

With an estimated US $35 trillion required for a successful energy transition, bringing in the private capital needed will require larger flows of clean energy projects that match investor's risks and expectations. While energy companies have refocused investment and increased M&A activity, to deliver measurable transition progress, governments have introduced new policies, including the U.S. Inflation Reduction Act, Europe's Green Deal and China's 13th five-year plan, which aim to boost the clean energy market, deliver critical infrastructure development and incentivise investment, as well as stimulate national economic growth. What more can governments do to create an enabling environment for both public and private finance institutions to secure the capital needed to fund the energy transition?

Attendee insights: Understand what investment is needed to deliver the energy transition, including technology development and the regulatory frameworks introduced to boost investment and infrastructure development.

Speakers:

Christina Verchere
CEO
OMV Petrom

Vineet Mittal
Chairman
Avaada Group

Dr. Pratima Rangarajan
CEO
Climate Investment

Moderator:

Matthew Martin
Chief Correspondent for Sovereign Wealth Funds - GCC
Bloomberg

HYDROGEN CONFERENCE

10:00 – 11:00 | Hydrogen | Energy transition | Location: ICC Hall Part B

Ministerial Session

The critical need for policy and regulation in defining and accelerating the hydrogen market

Whilst government targets for low-emission hydrogen production are ambitious, targets to stimulate corresponding demand are not commensurate. Governments must consider stimulus schemes for low-carbon hydrogen production and demand, regulatory frameworks to guide its use, and efficient licensing and permitting processes to accelerate development of a strong market. Such coordinated policy actions are crucial to creating a balanced market, facilitating project development and delivery, and ultimately facilitating a scalable and sustainable hydrogen economy. How can effective policy incentivise hydrogen demand in alignment with ambitious production targets to create an effective framework for the low-carbon hydrogen market?

DAY 2 TUESDAY 5 NOVEMBER 2024

DECARBONISATION CONFERENCE

10:00 - 11:00 | Decarbonisation | Renewables | Location: Decarbonisation Theatre

Strategic Panel

Investing in reliable grid infrastructure to deliver renewable capacity and energy efficiency commitments

Tripling renewable capacity and doubling energy efficiency by 2030 is seen as critical to achieving a sustainable and low-carbon energy future. However, this initiative faces a unique set of challenges for each goal, including the lack of investment in the grid infrastructure needed to deliver renewable energy from generation sources to end-users, as well as driving operational excellence through the adoption of efficient electric technologies like heat pumps, EVs, etc. While long-term operational costs are lower compared to traditional fuels, the initial investment can be a barrier for investors as can long ROI windows. Collaboration across all stakeholder groups including utilities, grid technology vendors, investors and others will be needed to de-risk investment and deliver a reliable grid infrastructure that will enable increased renewable capacity and energy efficiency.

Attendee insights: Understand the significant role of investment in establishing a modernised, reliable grid infrastructure to enable renewable energy capacity.

Speakers:

Dr. Afif Saif Al Yafei
CEO
Abu Dhabi Transmission & Despatch Company (TRANSCO)

Dr. Nick Wayth
CEO
Energy Institute

Luc Koechlin
Managing Director and CEO
EDF Middle East

Tim Pick MBE
Chair
UK Offshore Wind Growth Partnership

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

Moderator:

Ed Crooks
Vice-chair, Americas
Wood Mackenzie

FINANCE & INVESTMENT CONFERENCE

10:00 – 11:00 | Finance | Energy transition | Location: Conference Room A

Strategic Panel

Standardised sustainability reporting: building energy transition trust to boost investment

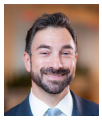
To accelerate energy transition finance, it is necessary to build credibility in the investment market and dispel any appearance of greenwashing. The International Sustainability Standards Board (ISSB) has been tasked with providing a comprehensive global baseline of sustainability disclosures for capital markets. Its first two proposed standards address sustainability-related and climate-related disclosure requirements, which can provide the information needed to inspire confidence in investors. Green and transition finance taxonomies are also being utilised to encourage sustainable capital flows through science-based definitions to tackle greenwashing, protect investor credibility and lower transactions costs. However, a lack of interoperability between local and international classifications has produced a fragmented landscape. How might these frameworks evolve to build trust and boost energy transition investment?

Attendee insights: Learn how standardised sustainability reporting could provide the key to boosting investment into the energy transition through higher levels of investor insight and confidence.

Speakers:

Karim Arslan
Executive Director
Green & Sustainable Finance Originator, Green & Sustainable Hub
Natixis Corporate and Investment Banking

Semih Ozkan
Executive Director
EMEA Energy, Power Renewables Metals & Mining
J.P. Morgan



Don Dimitrievich
Senior Managing Director and Portfolio Manager for Energy Infrastructure Credit
Nuveen

Moderator:

Gaurav Sharma
Energy Market Analyst & Forbes Senior Contributor
Independent Consultant

DAY 2 TUESDAY 5 NOVEMBER 2024

DIGITALISATION & TECHNOLOGY CONFERENCE

10:00 – 11:00 | AI | Technology | Location: Digitalisation & Technology Theatre

Strategic Panel

Balancing priorities to advance energy transformation: the AI boom, data centres and escalating power demand

AI's boom has highlighted the potential threat posed to the grid due to the amount of energy required by data centres. So much so that governments around the world are intensifying scrutiny of building new data centres over fears they are putting excessive pressure on electricity grids. For AI and other data-centric solutions to continue to grow, developers must find solutions for the sharp increase in power demand. Increased energy efficiency, onsite power generation, and nuclear energy are potential solutions. However, many believe restructuring of supporting electrical infrastructure and an overhaul of supportive policy will be required.

Attendee insights: Hear from leading data centre operators and developers how they are approaching the AI boom and the unprecedented increase in data centres while addressing realistic constraints to meeting rising power demand.

Speakers:

Satish Thomas
Corporate Vice President
Microsoft Industry Clouds Growth
Microsoft

Ir. Shah Rizal Dahlan
VP Of Group Project Delivery
Project Delivery & Technology
PETRONAS

Roger Habr
Chief Data and AI Officer
Gulf Data Hub

Tinboat Arslanouk
Senior Director
Strategic Partnerships & Growth
khazna

STRATEGIC CONFERENCE

10:20 - 11:05 | Technology | Location: Conference Room B

Action Session

Scalability: the technology path to energy transition

Many of the climate technologies needed to deliver decarbonisation targets already exist, but the path to scalability faces bottlenecks on multiple fronts including critical minerals supply, manufacturing capacity, skills and infrastructure. In addition to incentivising policy measures, like those included in the European Green Deal and the U.S. Inflation Reduction Act, energy companies have opportunities to accelerate scalability and the commercial viability across renewables, nuclear, and storage to meet energy transition targets.

Attendee insights: In this Action Session, we will examine the scalability of technologies needed to drive the energy transition. We will hear from industry experts on what the best innovative solutions are and what investment and capital is needed to scale them.

Speakers:

Maurits Van Tol
Chief Executive
Catalyst Technologies
Johnson Matthey

Sophie Hildebrand
CTO
ADNOC

DAY 2 TUESDAY 5 NOVEMBER 2024

STRATEGIC CONFERENCE

11:00 - 12:00 Energy transition — Location: ICC Hall

Strategic Panel

The future of transportation and mobility: from emissions management to infrastructure development

The future of transportation is changing as rapid urbanisation increases demand for effective, efficient transport. According to IPCC, transportation - inclusive of automative, aviation and shipping - accounts for 14% - 16% of total global GHG emissions. Through the lens of net-zero commitments, what actions are required to improve fuel efficiency, reduce emissions and scale new energy solutions like batteries and low-emission fuels - particularly in shipping and aviation? What policies are required to enable significant investment in technology and infrastructure, and a corresponding change in consumer behaviour, such as shifts in travel choices to low emissions transport? How can the transport industry work with local governments to develop policies that allow businesses to create new infrastructure and the right facilities for a sustainable transportation system?

Attendee insights: Understand how the future of transportation and mobility are changing, from an emissions reduction, investment and technology perspective, forming new levels of collaboration between industries and governments, focusing on the different needs for each industry.

Speakers:

Prasad Narayan
CEO
P&O Maritime Logistics

Moderator:

Marco Duso
Partner - EY Sustainability leader – Strategy and Transaction in EMEIA
EY

HYDROGEN CONFERENCE

11:00 – 11:15 Hydrogen — Location: ICC Hall Part B

Industry Keynote

Hydrogen outlook: what's next for the industry?

The global hydrogen industry is making steady but cautious progress, with nearly 1,400 projects announced worldwide. And while a significant recalibration of expectations of the impact of hydrogen on the global energy system has taken place, it is still expected to play an important role in decarbonising hard-to-abate sectors, enabling the transport of energy at scale and facilitating a clean and resilient energy system. To do so, however, will require coordination across stakeholders to address project affordability, subsidy accessibility, and technology development at a pace in keeping with electricity-based solutions. However, only a fraction of the projects needed have reached Final Investment Decisions. What needs to be done to build a commercially viable hydrogen market, attract substantial investment and stimulate cross-border collaboration to ensure the hydrogen economy becomes a reality?

Attendee insights: The keynote will address the evolving global hydrogen economy, focusing on strategies for overcoming challenges, such as increasing investments, enhancing cross-border collaboration, and securing demand to ensure the viability and growth of the hydrogen market.

Speaker:

Ivana Jemelkova
CEO
Hydrogen Council

DAY 2 TUESDAY 5 NOVEMBER 2024

DECARBONISATION CONFERENCE

11:00 – 12:00 | Decarbonisation | Renewables | Location: Decarbonisation Theatre

Strategic Panel

The promise of wind and solar energy in the climate change journey

Wind and solar energy hold immense promise to diversify the world's energy mix and contribute to the net-zero transition. The costs of wind and solar power have dropped dramatically in recent years, making them increasingly cost-competitive with traditional fuels. Continued innovation, supportive policies, and scale-up of renewable energy deployment will be key to realising this potential and transitioning to a sustainable, zero-emissions energy future. However, challenges such as the intermittent nature of wind and solar power, significant upfront investment requirements, energy storage solutions and grid transmission upgrades must be addressed

Attendee insights: Understand the importance of wind and solar energy as clean energy sources with the capacity to mitigate climate change and provide affordable, reliable clean power.

Speakers:

Jeremy Crane
Group CEO
Yellow Door Energy

Laurent Longuet
CEO
SirajPower
a Positive Zero company

Noaman Amjad
EVP
Hitachi Energy

Ahmed Al Amra
Country Representative - UAE
The Global Green
Growth Institute

Moderator:

Prof. Phil Hart
Chief Researcher - Renewable
and Sustainable
Energy Research Center
Technology Innovation
Institute

FINANCE & INVESTMENT CONFERENCE

11:00 – 12:00 | Finance | Energy transition | Location: Conference Room A

Strategic Panel

Blended finance: the critical roles of public and private finance in delivering the future energy system

The global energy transition is estimated to require US$5-7 trillion a year in funding through 2050, far beyond the means of public finance capabilities. With challenges that vary from region to region and across economic maturity, natural resources, and socioeconomic differences, questions must be addressed to ensure accelerated and equitable progress. How can governments, lenders, investors, and project developers work together to enact de-risking mechanisms and incentivise the private finance required to increase the bankability of critical new energy projects?

Attendee insights: Gain insights into how public policy is being shaped to promote investment and how the private sector is looking to mobilise capital on the scale needed to meet ambitious net-zero goals.

Speakers:

Charlie Tan
CEO
Global Impact Coalition

Sukh Sidhu
Director – Energy Plus Group
Société Générale

Mohammad Sharaf
Director Treasury
Islamic Development Bank

DAY 2 TUESDAY 5 NOVEMBER 2024

DIGITALISATION & TECHNOLOGY CONFERENCE

11:00 – 12:00 | AI | Technology | Location: Digitalisation & Technology Theatre

Strategic Panel

Realising the full potential of AI in the energy sector: developing essential standards and systems

To maximise the advances AI and machine learning can deliver, open technology standards that foster greater data interoperability among energy operators, service, equipment providers and software vendors are critical to unleashing the full potential of the digital technology. Organisations like the Trusted Energy Interoperability Alliance and the Open AI Energy Initiative are working toward standardising security formats, application interfaces, and compliance requirements for energy hardware and software. To achieve potentially optimised production, reduced costs, and an accelerated energy transition across the energy industry these standards and strategies will need to be widely adopted.

Attendee insights: Gain exclusive insight into the opportunities open technology standards can unlock for the entire energy value chain.

Speakers:

Markus Berghofer
SVP Business Transformation
OMV

Marc Nolla
VP Head of Customer Advisory EMEA
SAP

Evgeny Fedotov
SVP EMEA
AVEVA

HYDROGEN CONFERENCE

11:15 – 12:15 | Hydrogen | Energy transition | Location: ICC Hall Part B

Strategic Panel

Building business models to thrive in the new hydrogen market

To secure hydrogen market share and competitive advantage, companies must calibrate their business models to minimise risk, mitigate uncertainties and enable scalable expansion. To be successful, they must also customise their strategies to account for variabilities across regional contexts and market conditions including local energy prices, government policies and incentives, availability of renewable resources, and infrastructure and technology development.

Attendee insights: Gain a better understanding about the evolving hydrogen business models, how organisations can best position themselves in the emerging market and what factors must be considered to enable success.

Speakers:

Ulf Heitmüller
CEO
VNG

Kim Hedegaard
CEO Power-to-X
Topsoe

Dr. David Burns
VP Clean Energy
Linde

Mohammad Abdelqader El-Ramahi
Chief Green Hydrogen Officer
Masdar

Alessandro Bresciani
SVP Climate Technology Solutions
Baker Hughes

Moderator:

Joshua Ngu
Vice Chairman – Asia Pacific
Wood Mackenzie

DAY 2 TUESDAY 5 NOVEMBER 2024

STRATEGIC CONFERENCE

11:45 - 12:30 Heavy emitting — Location: Conference Room B

Action Session

Partnerships to advance the decarbonisation of heavy emitting sectors

According to the World Economic Forum, heavy industry accounts for one-third of global energy use and one-quarter of global GHG emissions. Steel, cement and chemicals are the three highest emitters and amongst the most difficult to decarbonise, due to both technical and economic factors. Close collaboration among producers, technology providers and users can open new decarbonisation solutions and potentially enable cost savings that are challenging to achieve. Favourable government policies also have a role to play in unlocking viable path to decarbonisation solutions.

Attendee insights: In this Action Session, we will examine what can be done to decarbonise heavy emitting sectors including collaboration opportunities and favourable industry policies.

Speakers:

Mark Brownstein
Senior Vice President
Energy Transition
EDF

Dr. Morgan Bazilian
Director
Payne Institute
Professor of Public Policy
Division of Economicsand Business
Colorado School of Mines

Samantha Gross
Director - Energy Security
and Climate Initiative
Fellow Foreign Policy
The Brookings Institution

Anna Mascolo
Executive Vice President
Low Carbon Solutions
Shell

Moderator:

Dr. Carole Nackle
Founder and CEO
Crystol Energy

STRATEGIC CONFERENCE

12:00 - 13:00 Heavy emitting — Location: ICC Hall

Strategic Panel

Decarbonising the industrial manufacturing value chain

The central challenge facing heavy industry is to increase production whilst decarbonising its operations, with the latter requiring innovative technology deployment, broader electrification of the industrial base and new energy sources like green hydrogen. To effectively decarbonise heavy industrial manufacturing, it is imperative global collaboration intensifies, leveraging advanced technologies and policies such as Europe's Green Deal Industrial Act and the U.S. Inflation Reduction Act. How can policy makers and heavy industry work together to leverage progressive policies and advance clean technology to accelerate the decarbonisation of the industrial value chain?

Attendee insights: Gain insights into the importance of fostering collaboration, leveraging progressive policies, and building trust across sectors to accelerate the decarbonisation of heavy industry.

Speakers:

His Excellency Omar
Suwaina AlSuwaidi
Undersecretary
Ministry of Industry and
Advanced Technology
UAE

Abdulnasser
Bin Kalban
CEO
Emirates Global
Aluminium (EGA)

Prashant Ruia
CEO
Essar Capital

Mashal Alkindi
CEO
TA'ZIZ

Vartika Shukla
Chairman and MD
Engineers India
Limited

Jose Larios
President & CEO
Celeros Flow
Technology

Moderator:

Martha Vasquez
Partner and
Associate Director
BCG

DAY 2 TUESDAY 5 NOVEMBER 2024

DECARBONISATION CONFERENCE

12:00 – 12:45 | Decarbonisation | Nuclear | Location: Decarbonisation Theatre

Leadership Perspectives

Decarbonising industry with small modular reactors

Small modular reactors (SMRs) are a new generation of nuclear reactors designed to provide clean and reliable baseload power complementing renewables like solar and wind. While SMRs hold great potential, they also face technical hurdles such as the untested nature of their novel safety systems and components that are not used in conventional large nuclear power plants, not to mention the need for effective waste management solutions. Regulatory frameworks for traditional reactors may need adaptation to account for the unique characteristics of SMRs in terms of design and size, as well as public concerns that require transparent communication on SMR safety. Significant investment and collaboration among governments, SMR developers, the private sector, research institutions, and end-users are essential to address these challenges for the successful large-scale deployment of SMRs.

Attendee insights: This session will unlock the potential of SMRs and the key role they can play in decarbonising the industrial sector by enabling a reliable source of low-carbon electricity through its grid, integrating flexibility, scalability, and modular design.

Speaker:

Ahmed Al Mazrouei
VP Nuclear Research and Development
Emirates Nuclear Energy Corporation

Moderator:

Eithne Treanor
Founder & CEO
ETreanor Media

HYDROGEN CONFERENCE

12:15 – 13:00 | Hydrogen | Location: ICC Hall Part B

Regional Spotlight Session

Championing change: deli vering Europe's low-carbon hydrogen future

Europe has emerged as a leader in low-carbon hydrogen strategies, supported by policy instruments, stringent emissions standards and an evolving network for hydrogen transport across the continents. Europe's hydrogen strategies have been further strengthened through international alliances with Japan, South Korea, and Australia, fostering technology sharing, harmonised standards, and collaboration on research. However, hydrogen project development has stalled due to slow regulatory implementation and high production costs. It is estimated only 4% of announced hydrogen production projects, set for completion by 2030, have taken a final investment decision. What does Europe need to do to address high entry barriers and uncertainty in project viability, in order to realise its extensive hydrogen ambitions?

Attendee insights: Hear about Europe's ambitions, progress and continuous efforts to build a sustainable hydrogen ecosystem, key challenges, and opportunities for international collaboration.

Speakers:

Joe Seifert
CEO
EET Hydrogen

Raphael Tilot
CEO
John Cockerill Hydrogen

Stuart Turl
President Decarbonisation & Consulting, Middle East
Wood

Per Erik Holsten
President, Energy Industries
ABB

DAY 2 TUESDAY 5 NOVEMBER 2024

STRATEGIC CONFERENCE

13:00 - 14:00 Decarbonisation — Location: ICC Hall

Strategic panel

Decarbonising operations across upstream, midstream and downstream

Oil and gas operations account for 15% of total energy-related Scope 1 and 2 emissions globally. To meet the IEA's Net Zero Emissions by 2050 scenario, Scope 1 and 2 emissions must be reduced by 50% by 2030. Producers have the means to achieve this target, including reducing methane emissions, the elimination of non-emergency flaring, the clean electrification of upstream facilities and equipping oil and gas processes with CCUS technologies. However, an estimated US $600 billion in investment will be needed to deliver the 50% reduction in the timeframe required. In addition, collaboration between sectors will be critical when optimising supply chain operations, allowing for greater efficiencies and increased profitability.

Attendee insights: Understand what is needed to decarbonise upstream, midstream and downstream operations, addressing the necessary requirements related to Scope 1 and 2 emissions and identifying the effective levers for decarbonisation.

Speakers:

Arun Kumar Singh
Chairman & CEO
ONGC Group

Alessandro Bernini
CEO
MAIRE

Bjørn Otto Sverdrup
Chair
OGCI Executive Committee
Head of
OGDC Secretariat

Moderator:

John Defterios
Professor of Business
New York University
Abu Dhabi

HYDROGEN CONFERENCE

13:00 – 13:45 Hydrogen | Heavy emitting — Location: ICC Hall Part B

Leadership Perspectives on heavy industry

Decarbonising heavy industry – is hydrogen a practical solution?

Heavy industries and shipping are significant contributors to global carbon emissions and face challenges to delivering lower carbon processes due to high thermal demands and stringent carbon reduction targets. Hydrogen could be a promising solution for decarbonising these heavy-emitting sectors due to its high energy content and versatility, allowing it to be used as both a heat source and a chemical reagent in various industrial processes. Scaling up the production of hydrogen, enhancing transport and storage infrastructure, implementing supportive policies that incentivise investment, and developing technologies that effectively integrate hydrogen into existing industrial systems are critical steps towards realising this potential.

Attendee insights: Gain a better understanding of the opportunities low-carbon hydrogen can open for decarbonising heavy industry, the innovative technologies poised to facilitate progress and the challenges to overcome in integrating hydrogen into industrial processes.

Speakers:

Yoshinori Kanehana
Chairman of the Board
Kawasaki Heavy Industries

Abdulaziz Fahad Al Hamwah
Vice Chairman & CEO
Modern Group

Chris Wood
CEO
RAKGAS

Siddharth Malik
CEO
Vulcan Green Energy

Moderator:

Amandeep Bhangu
Presenter & Moderator
Voice Media London

DAY 2 TUESDAY 5 NOVEMBER 2024

DIGITALISATION & TECHNOLOGY CONFERENCE

13:00 – 14:00 | Cross-sector | Heavy emitting | Location: Digitalisation & Technology Theatre

Strategic Panel

Avoiding an energy transition bottleneck: diversifying supply chains

Critical minerals such as copper, lithium, nickel, cobalt, and rare earth elements are essential components in many of today's technologies that are shaping the future of the energy sector. Yet with both mining and processing highly concentrated by a few dominant players, China being the largest, the space is vulnerable to geopolitical risks, thus causing serious bottlenecks. To overcome this, countries and businesses alike need to mitigate their vulnerability and dependence on single suppliers and regions. Solutions like strategic stockpiling and increased recycling are potential solutions to the problem.

Attendee insights: Gain exclusive insight on how leading minds in the space are navigating the geopolitical landscape of critical minerals and rare earth elements and how policy is being shaped to secure supply for years to come.

FINANCE & INVESTMENT CONFERENCE

13:30 – 14:30 | Finance | Location: Conference Room A

Strategic Panel

Navigating unpredictable macroeconomic volatility to maintain clean energy project momentum

Clean energy projects are challenged by rising capital costs that deter investment, as well as underinvestment in critical supporting infrastructure like grids and storage – not to mention the non-financial barriers that impede project development speed and scale. What must governments do to de-risk investing across the clean energy project life cycle to reduce costs? What role should the finance industry and project developers play in prioritising the development of risk-mitigating mechanisms?

Attendee insights: Understand the global economic bottlenecks impeding crucial clean energy project development.

Speakers:

Lydia Rainforth
Managing Director, Energy and Energy Transition Equity Research
Barclays

Wang Zhen
President
CNOOC Energy Economics Institute

Saamir Elshihabi
EVP, LCV Strategy
Oxy Low Carbon Ventures

Ahmed Y. Bahei-Eldin
MD
GE Vernova

Klisman Murati
CEO
Pareto Economics

Moderator:

Carlos Pascual
SVP, Head of Geopolitics & International Affairs
S&P Global Commodity Insights

DAY 2 TUESDAY 5 NOVEMBER 2024

HYDROGEN CONFERENCE

13:45 – 14:15 | Hydrogen | Finance | Location: ICC Hall Part B

Leadership Interview

Unlocking finance for low-carbon hydrogen at scale

Financial institutions are advocating for a robust policy framework of incentives, grants, and loan guarantees to enhance the economic viability of hydrogen projects. Green bonds, dedicated hydrogen investment funds, and other specialised financial instruments will be crucial in facilitating the scale-up of low-carbon hydrogen initiatives. Additionally, the establishment of public-private partnerships and project insurance schemes could play a pivotal role in mitigating investment risks and attracting private sector capital. What is required to ensure integrated financial strategies, supportive regulatory environments, banks and financial entities, all combine to unlock the substantial capital flow essential for hydrogen's growth and integration into the global energy mix?

Attendee insights: Gain a better understanding of the innovative financing mechanisms, risk mitigation strategies, and policy interventions that can unlock investment in hydrogen projects as well as the challenges in enabling them.

Speaker:

Allan Baker
Managing Director, Global Head of Energy Transition
Société Générale

Moderator:

Eithne Treanor
Founder & CEO
ETreanor Media

STRATEGIC CONFERENCE

14:00 - 15:00 | AI | Location: ICC Hall

Strategic Panel

The power of AI for the energy transition

AI is contributing to the transformation of the energy sector through its utilisation of large data sets. According to BNEF's net-zero scenario modeling "every 1% of additional efficiency in demand creates $1.3 trillion in value between 2020 and 2050 due to reduced investment needs", with AI set to help achieve this by enabling greater energy efficiency and flexible demand. Machine learning, deep learning and generative AI are improving operations effectiveness, providing insights for lowering emissions, anticipating mechanical and supply chain malfunctions and driving substantial energy efficiency gains. However, scaling AI from successful pilots to broad implementation brings its own challenges. AI uptake and the use of associated high energy demand data centres - which are growing globally in number by the day (200TWh power is needed to meet global data centers demand according to Goldman Sachs) - are on track to outpace the power available to run them. What will be needed, both in the AI application and securing access to new energy supplies, to deliver on the promise of AI and its contribution to the energy transition?

Attendee insights: Understand how AI is transforming business operations, its opportunities and challenges related to data centers and energy consumption needs.

Speakers:

Tayba Al Hashemi
CEO
ADNOC Offshore

Aadith Moorthy
Founder and CEO
Boomitra

Michel Lutz
Chief Data Officer and Digital Factory Head of Data & AI
TotalEnergies

Moderator:

Andrew Smart
Senior Managing Director
Accenture

DAY 2 TUESDAY 5 NOVEMBER 2024

STRATEGIC CONFERENCE

14:00 – 14:20 Energy security — Location: Conference Room B

Energy Talks

Diversifying the energy mix whilst ensuring energy security

The UAE Consensus included a target to triple renewables and double energy efficiency by 2030, which the United Arab Emirates is committed to deliver. It also aims to reach hydrogen production of 1.4 million tonnes annually by 2031, rising to 15 million tonnes annually by 2050. In addition, the UAE's Ministry of Energy and Etihad Water and Electricity has set up a joint venture to build and operate fast electric vehicle (EV) charging infrastructure in the country, which will contribute to diversifying the UAE's offering of clean energy solutions.

Speaker:

His Excellency Suhail Mohamed Faraj Al Mazrouei
Minister of Energy and Infrastructure
United Arab Emirates

Moderator :

Becky Anderson
Managing Editor CNN Abu Dhabi and Anchor
Connect the World

DECARBONISATION CONFERENCE

14:00 - 14:30 Decarbonisation | Renewables — Location: Decarbonisation Theatre

Leadership Interview

Solar home systems and mini-grids: the opportunity for solar to deliver just and equitable energy access

According to the IEA, 685 million people live with no access to energy, particularly those in remote and underserved communities. Research shows access to reliable energy positively impacts socio-economic opportunity and development, including increased availability of education and health resources, job creation and economic diversification. Advances in solar solutions open paths to clean, reliable, and affordable energy access through solar home systems and at the community level through mini-grids. Some of the challenges in scaling the capacity of solar home systems and mini-grids include the optimisation of design, improving affordability, grid integration, and enabling regulatory environments. To unlock the full potential of solar solutions, policymakers, grid operators, investors, and rural electrification agencies must work together to create the right supporting frameworks.

Attendee insights: Understand the potential of solar solutions like home systems and mini-grids as means to deliver clean, affordable and accessible energy for all.

Speaker:

Angela Homsi
Founder and President
Ignite Power

DAY 2 TUESDAY 5 NOVEMBER 2024

HYDROGEN CONFERENCE

14:15 - 15:15 | Hydrogen | Cross-sector | Location: ICC Hall Part B

Strategic Panel

Securing off-take agreements to activate the potential of hydrogen

Hydrogen demand is characterised by cautious growth, as high production costs, underdeveloped infrastructure, and market immaturity pose significant challenges to securing consistent offtake agreements and broader market adoption. Stimulating demand for low-carbon hydrogen remains a key challenge, particularly in sectors such as transportation, industry, and heating. Supportive policies and financial incentives to promote the adoption of hydrogen technologies will pave the way for market activation but will only take effect if public-private partnerships are established to develop hydrogen infrastructure. Collaboration amongst industry stakeholders is key to establish standardised offtake agreements and supply chain mechanisms that ensure reliable and affordable hydrogen supply.

Attendee insights: Gain a better understanding of the mechanisms, policies and strategies to expedite uptake as well as what will be required to overcome commercial barriers, foster market growth, and ensure security of supply for end-users through robust offtake agreements.

Speakers:

Otmane Benamar
CTO EMEA, Gas Power
GE Vernova

Hanan Balalaa
SVP New Energies & CCUS
ADNOC

Dr. Dimitrios Dimitriou
VP ESG & Sustainability
EMSTEEL

Dr. Lars Kissau
President Net Zero
BASF
ADNOC

Scott Sanderson
Energy Lead
AWS

Moderator:

Rebecca McLaughlin-Eastham
TV Anchor, MC & CEO
RME Media

STRATEGIC CONFERENCE

14:20 - 14:40 | Finance | Energy transition | Location: Conference Room B

Energy Talks

Electrifying the Road to Net Zero

Electrifying the energy system is widely recognised as the backbone of the energy transition. As the world accelerates efforts to achieve net-zero emissions by 2050, electrifying demand across industrial activities, data centers, heating, cooling, and transport is paving the way to a low-carbon future. However, expanding the electricity system to meet the annual demand growth equivalent to that of the world's 10 largest cities poses significant challenges

Attendee insights: This Energy Talks will explore how major electricity players are responding to the surge in demand and the critical role collaboration plays in advancing the electrification agenda.

Speaker:

Jasim Husain Thabet
Group CEO
and Managing Director

TAQA

Moderator:

Amandeep Bhangu
Presenter & Moderator
Voice Media London

DAY 2

FINANCE & INVESTMENT CONFERENCE

14:30 – 15:30 | Finance | Energy transition | Location: Conference Room A

Strategic Panel

What is the future of climate finance?

As the energy transition transforms the global economy, the energy and finance sectors have a crucial role in providing the technical capabilities and capital flows needed to achieve the low carbon high growth economy of tomorrow. While public-private collaborations are accelerating the accessibility and mobilisation of investment into key climate technologies, a lack of supporting infrastructure, issues achieving industrial scalability, high initial capital investment and longer ROI windows are slowing progress. With energy transition investments needing to increase from US$1.8 trillion in 2023 to US$4.5 trillion a year to meet targets, per the IEA, how can the energy, finance, and policy makers shape the pathway to net-zero?

Attendee insights: Evaluate the state of the energy transition and explore how industry leaders are navigating and mobilising the capital flows and investment needed to achieve a successful transition at the pace and scale society expects.

Speakers:

Mazin Khan
CFO
Masdar

Zoe Knight
Group Head, Centre of Sustainable Finance
Head of Climate Change MENAT
HSBC

Martijn Rats
Head of Equity Research for European Energy
Morgan Stanley

Moderator:

Dr. Morgan Bazilian
Director of the Payne Institute and Professor of Public Policy
Division of Economics and Business
Colorado School of Mines

STRATEGIC CONFERENCE

15:00 – 15:45 | Energy transition | Location: Conference Room B

Action Session

Disruptors in the energy space

The energy sector is at the cusp of a monumental shift driven by technological innovation and a growing imperative for sustainability. This shift towards sustainability will require intensive efforts across multiple fronts. The IEA's Net Zero by 2050 Scenario forecasts that nuclear output will have to double, the energy supply from bioenergy will need to increase by almost threefold, and renewable energy supply will have to increase eightfold by 2050, predominantly from solar and wind, which will increase the need for long-term energy storage. Decarbonisation technologies will have to help us reduce annual emissions by roughly 40 Gt CO2 in tandem with other mitigation strategies, including electrification, improved energy efficiency, carbon capture, utilisation, and storage, and direct air capture.¬1 The critical need for the development, deployment, and scaling of these technologies, therefore, is paramount, but what is the outlook on these breakthrough technologies, and do they have the potential to reshape today's energy system towards a sustainable future?

Attendee insights: Leading innovators in the energy sector will reveal how their breakthrough technologies are set to dramatically alter the energy space and help us achieve our sustainability goals. CEOs will share their views on what is needed to deploy these technologies at scale.

DAY 2 TUESDAY 5 NOVEMBER 2024

HYDROGEN CONFERENCE

15:15 – 16:15 | Hydrogen | Technology | Location: ICC Hall Part B

Strategic Panel

Scaling technologies for low-carbon hydrogen production

Technology advances are rapidly enhancing the production of low-carbon hydrogen. More efficient electrolysers can now integrate seamlessly with intermittent renewable energy sources, while artificial intelligence (AI) is improving energy efficiency and reducing emissions in hydrogen production processes. AI also enables the integration of carbon capture technologies with traditional hydrogen production methods, streamlining the production of blue hydrogen. Future technological advances will be vital to scaling a low-carbon hydrogen economy, as is the substantial investment required to deploy and scale these technologies, ensuring an increasing number of low-carbon hydrogen projects move from concept to commercialisation.

Attendee insights: Gain insights into the technologies expected to accelerate low-emission hydrogen production and overcome the cost and supply challenges in scaling a low-carbon hydrogen market.

Speakers:

Paddy Lowe
CEO
Zero Petroleum

Damien Eyriès
CEO
Rely

Thorsten Herdan
CEO EMEA
HIF Global

Dr. Eugene McKenna
VP Hydrogen & Sustainable Technologies
Johnson Matthey

Alberto Litta Modignani
VP Hydrogen
NextChem

Moderator

Filippo Gotti
Managing Director, Senior Client Account Director
Accenture

FINANCE & INVESTMENT CONFERENCE

15:30 – 16:15 | Finance | Energy transition | Location: Conference Room A

Fishbowl

Securing energy finance to deliver a pragmatic and equitable energy transition for emerging economies

To achieve a just and equitable energy transition capital must be accessible, available, and affordable. The UAE Leaders' Declaration on a Global Climate Finance Framework and ALTÉRRA are examples of the collaborative mechanisms aiming to mobilise capital and reduce risk, but progress still needs to be made. Barriers to investor confidence range from developing economies' high borrowing costs, real and perceived investment risks, limited creditworthy off takers, and uncertain regulatory environments, all of which need to be addressed to attract and secure critical funding.

Attendee insights: In the lead up to COP29, join a multilateral stakeholder group to progress dialogue around viable, sustainable, and innovative finance structures to enable a pragmatic and equitable energy transition. Participants will provide insights on finance structures, the development of domestic capital resources, and how to facilitate international private finance flows.

Speakers:

Ehsan Khoman
Head of Commodities & ESG Research
MUFG

Gurbuz Gonul
Director Country Engagement and Partnerships
IRENA

Rouzbeh Fazlinejad
Managing Director, Head of Middle East and North Africa, Oil & Gas
Houlihan Lokey

Moderator:

Wafa Jafri
Partner, Energy Deal Advisory
KPMG

DAY 2 TUESDAY 5 NOVEMBER 2024

STRATEGIC CONFERENCE

16:05 – 16:25 Energy transition — Location: Conference Room B

Energy Talks

Climate Optimism: harnessing the energy supercycle

The world is entering a new era of significant power demand growth, which is expected to double by 2040. This reflects both unmet needs, with 750 million people lacking access to reliable power, and the expanding role of electricity in modern economies. Combined with geopolitical tensions, energy security is back to the top of the agenda. Despite concerns that this supercycle could slow down the energy transition, we already have today the technologies to meet load growth while progressively cleaning up the system. An 'all-of-the-above' approach is needed, leveraging dispatchable sources like gas, nuclear or hydro, accelerating renewables and modernising the grid.

Attendee insights: In this Energy Talk, Maví Zingoni, CEO, Power at GE Vernova, will also discuss how this energy supercycle represents an opportunity to invest in transformative technologies like small modular reactors (SMRs), carbon capture, low-carbon fuels, and more.

Speaker:

Maví Zingoni
CEO Power
GE Vernova

Moderator:

Rebecca McLaughlin-Eastham
TV Anchor, MC & CEO
RME Media

FINANCE & INVESTMENT CONFERENCE

16:15 – 17:00 Finance — Location: Conference Room A

Fishbowl

Proving bankability of innovative clean energy projects and technologies

Given the significant investment needed for clean energy projects and increased capital costs, the energy sector faces challenges to get innovative projects beyond early development. While these issues are not unique to the energy industry, factors such as complex risk profiles, the high cost of capital, unproven technologies, and unpredictable policy incentives further exacerbate the situation. For these first of their kind projects to attract capital and technological development, existing technical and regulatory challenges must be overcome to prove viability and instil investor confidence.

Attendee insights: Hear from key investors and energy providers on the critical challenges the sector faces when proving clean energy bankability. Explore how communication channels can be improved to lead to a higher flow of capital.

Speakers:

Rajarshi Gupta
MD & CEO
ONGC Videsh Ltd

Roberto Zaetta
SVP, Investments
Yellow Door Energy

Charlie Sanchez
President, Strategic Advisory & Lifecycle Resiliency Services
Black & Veatch

Dr. Jelena Janjusevic
Associate Professor of Finance and Head of Accountancy, Economics and Finance
Heriot-Watt University Dubai

DAY 3

WEDNESDAY
6 NOVEMBER 2024

DAY 3 WEDNESDAY 6 NOVEMBER 2024

STRATEGIC CONFERENCE

10:00 - 11:00 | Decarbonisation | Cross-sector | Location: ICC Hall

Strategic Panel

Accelerating decarbonisation through mutually beneficial cross-sector partnerships

Against the backdrop of reducing global emissions and transitioning to the new energy system, a siloed approach to problem solving is not an option. Businesses, sectors and governments must develop collaborative and transparent partnerships to bring together complementary expertise and the needed finance in pursuit of mutually beneficial, tangible energy transition results. How can such partnerships accelerate progress and innovation by unlocking new resources and revenue streams, enabling organisations to access new markets and enhance their businesses? What is required to forge integrated collaboration across sectors and governments, to unlock solutions faster at scalable, replicable, sustainable and effective levels to meet decarbonisation targets?

Attendee insights: Hear from different sectors collaborating to accelerate the energy transition on their successful cross-sector partnerships.

Speakers:

Jennifer Holmgren
CEO
LanzaTech

Mansoor Mohamed Al Hamed
Managing Director and CEO
Mubadala Energy

Montri Rawanchaikul
CEO
PTTEP

Ichiro Takahara
Chairman & CEO
JOGMEC

Dr. Markus Steilemann
CEO
Covestro

Moderator:

John Defterios
Professor of Business
New York University Abu Dhabi

HYDROGEN CONFERENCE

10:00 – 10:45 | Hydrogen | Location: ICC Hall Part B

Leadership Perspectives on Certifications

Setting the standard: defining clean hydrogen

The absence of clear international standards and certifications, defining what constitutes clean hydrogen, is causing market confusion and uncertainty. Variations in production methods and feedstocks results in significant differences in validating the carbon footprint of hydrogen. Robust international certification is required to ensure global industry standards and a common baseline for clean and low emission product qualifications. To ensure market integrity and fair competition, how can hydrogen producers and buyers collaborate with regulatory authorities to align, monitor and report clean hydrogen standards?

Attendee insights: Gain a better understanding of why international standards and certifications to define clean hydrogen are critical in the development of the hydrogen economy, and how the standardisation of a cohesive and transparent hydrogen market, based on globally agreed standards, will build trust among stakeholders.

Speakers:

Jan Haizmann
CEO
Zero Emissions Traders Alliance (ZETA)

Daria Nochevnik
COP28 Presidency Special Advisor for Hydrogen and Director Policy & Partnerships
Hydrogen Council

Dr. Nikunj Gupta
VP New Energies Technical & Projects
ADNOC

Moderator:

Dr. Carole Nakhle
CEO
Crystol Energy

DAY 3 WEDNESDAY 6 NOVEMBER 2024

DECARBONISATION CONFERENCE

10:00 - 11:00 | Decarbonisation | Technology | Location: Decarbonisation Theatre

Strategic Panel

Scaling CCUS and DAC: assessing technology availability and readiness

Carbon Capture, Utilisation and Storage (CCUS) and Direct Air Capture (DAC) are among the leading carbon capture technologies being developed and deployed to reduce emissions from various industrial sources, supporting the transition to a net-zero economy. However, the availability of CCUS and DAC technology is still limited globally, and while its availability is increasing in certain regions, particularly North America and Europe, more R&D and investment are needed to ensure their wider use. In addition, these are expensive technologies that come with challenges not all companies are willing to take or have the right tools to overcome.

Attendee insights: Understand the importance of examining and aligning CCUS and DAC technologies and the readiness of organisations to adopt and implement them based on existing research and frameworks.

Speakers:

Bonnie Powell
CEO
RESMAN Energy Technology

Tim Stedman
CEO
Storegga

Steve Kelly
President and GM
1PointFive International

Bernhard Koudelka
VP Carbon Capture and Storage
Shell

Pavan Chilukuri
VP and Global Head of CCUS
Holcim

Moderator:

Ferrante Benvenuti
Partner
BCG

FINANCE & INVESTMENT CONFERENCE

10:00 – 10:20 | Finance | Energy Transition | Location: Conference Room B

Finance Talks

Mobilising capital to fuel the energy transition: overcoming critical barriers

Unpredictable policy incentives, a lack of credible transition data, and a shortage of commercially viable projects are restricting transition finance. These barriers are felt on a greater scale when combined with higher costs of capital and geopolitical and environmental factors. Despite this, financial institutions are expected to achieve consistent levels of growth while playing a key role in mobilising foreign direct investment into clean technology, energy efficiency, and renewable energy.

Speaker:

Mohammed Abdelbary
Acting Group CEO
Abu Dhabi Islamic Bank

DAY 3 WEDNESDAY 6 NOVEMBER 2024

DIGITALISATION & TECHNOLOGY CONFERENCE

10:00 – 11:00 | AI | Technology | Location: Digitalisation & Technology Theatre

Strategic Panel

Innovative solutions for overcoming the AI skill gap in a competitive talent market

A recent IEA report on the relationship between energy and AI found there are only 22,000 AI specialists globally across all industries, and 61% of large businesses surveyed in the US and UK, reported a lack of staff with sufficient AI experience. As a result, all industries are competing for a limited skill set. Many energy companies are approaching this challenge through the upskilling and retraining of their existing workforces, as well as implementing innovative new programming such as back-to-school initiatives. However, cost-effectively achieving this, at scale, while managing the increased power demand for all of the above is a challenge.

Attendee insights: Hear from energy business leaders about how they are attracting and retaining limited AI talent, and how they are building AI skills within their workforce and approaching the challenge of reskilling their workforces to future-proof them.

Speakers:

Kirsten Roden
Vice President of Product Management Transformation of Industry EAD
Siemens Energy

Mark Fishburn
VP
CleanConnect.ai

Ediz Eren
VP (META)
Rockwell Automation

MARITIME & LOGISTICS CONFERENCE

10:00 – 11:00 | Heavy emitting | Cross-sector | Location: Conference Room A

Strategic Panel

Winds of change in global trade and the role of shipping for economic stability

Beyond trade conflicts and geopolitical challenges, climate change has brought extreme weather, impacting port and canal access around the globe, requiring a balance between maintaining operations and managing disruptions. While the maritime industry is accustomed to supply chain shocks, shifts in the global trade landscape, such as increasing protectionism, rising tanker freight rates and longer trade routes, present new challenges and opportunities. How can the maritime sector respond to the changes in global trade flows and energy production in the face of growing disruptions?

Attendee insights: Gain a better understanding on how the maritime industry can navigate the challenges posed by geopolitical challenges, climate change, and shifts in global energy trade, with a focus on strategies for maintaining supply chain resilience and decarbonisation progress.

Speakers:

Eng. Ahmed Ali Al Subaey
CEO
Bahri

His Excellency Khamis Juma Buamim
Chairman and Group CEO
Dubai Council for Marine and Maritime Industries

Niclas Mårtensson
CEO
Stena Line

Yoki Firnandi
CEO
Pertamina International Shipping

Abir Leheta
CEO
Egytrans

Capt. Ammar Mubarak Al Shaiba
CEO Maritime & Shipping Cluster
AD Ports Group

Moderator:

Yen Ling Song
Research and Analysis Associate Director, Maritime, Trade & Supply Chain
S&P Global

DAY 3 WEDNESDAY 6 NOVEMBER 2024

STRATEGIC CONFERENCE

10:40 - 11:00 | Finance | Location: Conference Room B

Energy Talks

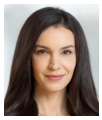
Investing in the energy transition: the powerful drivers of market opportunity and risk

The energy transition requires trillions of dollars in funding to reach the climate targets set by governments and satisfy the expectations of their citizens. While investment in clean energy is rising, it still faces challenges associated with high-risk profiles, elevated initial capital costs and long ROI windows. Projects based in developing nations often face these challenges on an even greater scale.

Speaker:

Eric Cantor
Vice-Chairman and Managing Director
Moelis & Company

Moderator:



Joumanna Bercetche
Anchor of Horizons Middle East and Africa
Bloomberg Television

HYDROGEN CONFERENCE

10:45 – 11:45 | Hydrogen | Renewables | Location: ICC Hall Part B

Strategic Panel

Green hydrogen: project developer perspective

High initial costs, scaling complexities, and fluctuating policy support make the financial landscape for green hydrogen projects challenging. For project developers, managing these factors involves not only innovative approaches to reduce production costs but also active engagement with governments to secure consistent and supportive policy frameworks. Additionally, securing early and reliable off-takers through strategic partnerships is crucial to justify the heavy upfront investments, ensuring that projects can transition from ambitious blueprints to operational realities. This pragmatic approach is essential for harnessing hydrogen's potential as a cornerstone of a low-carbon future.

Attendee insights: Understand the challenges and opportunities of scaling green hydrogen projects from the developer's perspective.

Speakers:

Brian Maxwell
CEO
Green Hydrogen International (GHI)

Alex Tancock
CEO
InterContinental Energy

Daniel McArthur
Group CFO
Madoqua Renewables

Giuseppe Surace
COO
Hyphen Hydrogen Energy

Moderator:

Simon Flowers
Chairman, Energy and Chief Analyst
Wood Mackenzie

DAY 3 WEDNESDAY 6 NOVEMBER 2024

STRATEGIC CONFERENCE

11:00 - 12:00 Energy Transition — Location: ICC Hall

Strategic Panel

The strategic advantage of natural gas and LNG in the energy transition

Natural gas - and LNG in particular – is forecast to play an important role as the fuel of choice in the multifaceted energy system. However, although natural gas is supporting global energy security, particularly in Europe, where LNG supplies have increased by 15% since 2022, many argue gas should not be considered a long-term solution and its transition needs to be fast tracked. Many markets, particularly Asian, will look to affordable and secure LNG supply in their efforts to phase out coal in the decades ahead. Additionally, access to gas supplies will potentially play an important role in securing new energy supply to meet high volume AI demand. Given the conflicting pressures on gas production, what is the long-term future for natural gas? How can LNG establish itself as the fuel of choice during the energy transition and beyond?

Attendee insights: Understand the role of natural gas and LNG during the energy transition, the perspectives on what role it may play in the long-term, including meeting high volume AI demand, and what may enhance or impede its growth potential in the global energy mix.

Speakers:

Arnaud Pieton
Executive Director and CEO
Technip Energies

Fatema Al Nuaimi
Executive Vice President Downstream Business Management
ADNOC

Shri Akshay Kumar Singh
Managing Director & CEO
Petronet LNG

Moderator:

Ed Crooks
Vice-chair, Americas
Wood Mackenzie

STRATEGIC CONFERENCE

11:00 - 11:45 Energy supply and demand — Location: Conference Room B

OPEC Session

World Oil Outlook (WOO)

The World Oil Outlook (WOO) is one of OPEC's flagship publications, combining the expertise of the OPEC Secretariat and professionals in OPEC Member Countries. The 18th edition of the WOO continues to examine developments in energy and oil demand, oil supply and refining, the global economy, policy and technology, demographic trends, environmental issues and sustainable development.

Attendee insights: The outlook provides a helpful and insightful reference tool, and underscores OPEC's commitment to knowledge-sharing and data transparency.

Speaker:

Dr. Abderrezak Benyoucef
Head, Energy Studies Department
OPEC

DAY 3 WEDNESDAY 6 NOVEMBER 2024

DECARBONISATION CONFERENCE

11:00 - 12:00 | Decarbonisation | Carbon markets | Location: Decarbonisation Theatre

Strategic Panel

The role of carbon markets in accelerating decarbonisation

Carbon markets have a pivotal role in accelerating the energy transition, supporting large-scale climate goals, and aiding countries and businesses in achieving their net-zero emissions targets. While carbon markets hold immense promise, challenges such as fragmentation and the lack of standardised crediting mechanisms can undermine both the credibility and effectiveness of carbon markets. Establishing clear guidelines on the accepted uses of carbon credits, along with improved standards and infrastructure for their development and sale, can make carbon markets a more effective tool for driving the rapid emissions reductions needed to limit global warming to 1.5°C. However, they should be seen as a complement to, not a substitute for, strong climate policies and corporate action to decarbonise operations.

Attendee insights: Understand the significant role carbon markets play in reducing emissions as well as the barriers to increasing their uptake and delivering improved decarbonisation results.

Speakers:

Riham ElGizy
CEO
Voluntary Carbon Market

Naveed Tariq
CEO
Seagrass

Antonio Di Cecca
COO
Tabreed

Nick Osborne
General Manager Global Environmenta Products Trading
Shell

Maher Al Kaabi
Independent Board Member and Advisor
Al Serkal Group

Moderator :

David Rabley
Energy Transition and Sustainability Global Lead
Accenture

DIGITALISATION & TECHNOLOGY CONFERENCE

11:00 – 12:00 | Technology | Location: Digitalisation & Technology Theatre

Fishbowl

The role of smart grids: matching energy supply with demand while increasing grid reliability and resiliency

The variable nature of renewable energy sources creates challenges for ensuring a reliable, consistent power supply. Combined with the rising number of prosumers and continuing rising power demand this complexity is expected to increase. To effectively navigate this challenge, grid operators must invest in supporting infrastructure to modernise grids and maximise the impact and financial potential of renewable energy. To achieve this, providers will need to utilise novel technologies, including distributed energy resource management systems, advanced voltage, reactive power controls and network digital twins to provide robust, future-proofed power grids.

Attendee insights: This session will explore how utilities are integrating next-generation technologies to develop a more resilient grid and maximise the financial value of renewable energy.

Speakers:

Dr. Ralf Blumenthal
SVP and Head, Siemens Grid Software Middle East & Africa
Siemens

Per Christian Honning
EMEA Business Leader - Energy and Resources Industry
Microsoft

Wassim Ghadban
Vice President Global Innovation & Digital Engineering
Kent

Moderator:

Tony Tabet
Strategy & Consulting Lead for Utilities
Accenture Middle East

DAY 3 WEDNESDAY 6 NOVEMBER 2024

MARITIME & LOGISTICS CONFERENCE

11:00 – 12:00 Heavy emitting — Location: Conference Room A

Strategic Panel

Delivering a low carbon maritime future: making sense of the evolving regulations

New policy frameworks are steering the maritime industry towards net-zero, highlighted by key agreements at the International Maritime Organisation (IMO). The consensus from MEPC 81, on measures such as the GHG Fuel Standard and Lifecycle Assessment (LCA) framework, has set the stage for stringent regulations by 2025, aimed at enhancing energy efficiency and reducing emissions. Yet, the question remains: do these regulatory advances possess sufficient strength to propel the industry towards decarbonisation? To avoid a fragmented regulatory environment and steer towards a cohesive global approach, proactive innovation from all stakeholders to adapt to new operational realities and accountability will be essential.

Attendee insights: Gain insights into the evolving maritime decarbonisation policy frameworks, what the industry can expect in the near-term from a regulatory perspective and how increasingly stringent measures are impacting stakeholders across the maritime value chain.

Speakers:

Mark O'Neil
CEO
Schoeller Holdings and Columbia Group

Madadh MacLaine
Founder and CEO
Zero Emissions Maritime Technology

Gina Panayiotou
Founder & CEO
Oceans Arena

Capt. Rado Antolovic
CEO
Drydocks World

Robert Desai
CEO V.Services
V.Group

Moderator:

Alicia Eastman
Host of 'Everything About Hydrogen', Co-Founder and Board Director
InterContinental Energy

HYDROGEN CONFERENCE

11:45 – 12:30 Hydrogen | New energies — Location: ICC Hall Part B

Regional Spotlight Session

The evolving role of the Middle East in low-carbon hydrogen production

Middle Eastern countries possess abundant renewable energy resources and low-cost natural gas, creating the opportunity for them to lead in green and blue hydrogen production. In addition, the Middle East's strategic location and existing infrastructure make it well-suited to supplying hydrogen to potential high-demand regions such as Europe and Asia. However, to capitalise on the region's competitive advantages, investment in hydrogen infrastructure, including pipelines, terminals, and storage facilities, needs to increase to ensure reliable supply chains to global markets. As Middle Eastern countries focus on developing a comprehensive hydrogen infrastructure, to what extent can the region reshape hydrogen trade dynamics and accelerate global efforts towards a sustainable, low-carbon future?

Attendee insights: Learn about the regional low-carbon hydrogen opportunities and prospects for export markets, as well as the role of the Middle East in the global hydrogen supply chain and its implications for regional economic development and energy security.

Speakers:

Eng. Abdulaziz Al Shidhani
Managing Director
Hydrom

Manuel Kuehn
SVP Sustainable Energy Systems
Siemens Energy

Youssef Merjaneh
SVP & MD EMEA
Black & Veatch

Matt Spalding
VP & GM Energy & Sustainability Solutions, MENA
Honeywell

Moderator:

Dr. Hasan Shafi
Partner, MENA
EY-Parthenon

DAY 3 WEDNESDAY 6 NOVEMBER 2024

STRATEGIC CONFERENCE

12:00 - 13:00 | AI | Location: ICC Hall

Strategic Panel

AI in Downstream: transforming operations and driving efficiency

AI has the power to revolutionise downstream operations and drive advancements in efficiency, innovation, innovation, and productivity. Through its implementation, AI can strengthen health and safety practices, optimise inventories and production output, provide predictive maintenance, boost energy efficiencies, improve supply chain management, and enhance internal decision-making processes, driving significant improvements across the value chain for the industry. This can help reduce operational costs, increase output, optimise revenues, and improve the carbon footprint of downstream operations. However, maximising these gains requires the adoption of new technologies, the integration and cleansing of diverse data sources and IT tools, the enhancement of cybersecurity protocols, and the adaptation of the workforce to new operational paradigms. Partnerships between technology companies and energy companies will play a crucial role in accelerating these advancements by fostering innovation and sharing best practices. As the potential opportunities in leveraging AI to transform operations, drive efficiency, and unlock growth are far-reaching, how can the downstream industry effectively navigate these challenges to fully realise AI's transformative potential?

Attendee insights: Understand how AI is driving innovation, improving efficiency, and creating new opportunities for growth in the downstream energy industry.

Speakers:

Sultan Albigishi
CEO
ADNOC Refining

Anant Maheshwari
President and CEO - Global High Growth Regions
Honeywell

Afaf Zainalabedin
Deputy CEO
BAPCO

Kamil Al Shanfari
Managing Director, RPI & Plastics
OQ

Bassam Al Bokhari
CEO
EnergyTech

Omar Althukair
VP & Chief Digital Officer Digital Transformation
Saudi Aramco

Moderator:

Eithne Treanor
Founder & CEO
E Treanor Media

DECARBONISATION CONFERENCE

12:00 - 12:45 | Decarbonisation | Energy transition | Location: Decarbonisation Theatre

Spotlight Discussion

Building a diversified energy mix to meet rising energy demand

According to the Energy Institute's Statistical Review of World Energy, traditional fuels continue to meet more than 80% of the world's energy needs despite record growth in renewable energy. Building a resilient, diversified clean energy supply necessitates expanding production and sourcing capabilities across multiple countries and regions to minimise reliance on any single source. Economies built on production are seizing the chance to rethink their infrastructure, resources and skills. Their focus is shifting to create clean energy supply chains, driven by low-carbon solutions such as LNG and other new energy sources. This change brings huge advantages: stronger economies, new jobs, and fresh market opportunities.

Attendee insights: This session will explore the crucial role of a diversified energy mix in the broader energy transition while ensuring a sustainable supply to meet the increasing energy demand.

Speakers:

His Excellency Eng. Ahmed Mohamed AlKaabi
Undersecretary Assistant for Electricity, Water and Future Energy
UAE Ministry of Energy and Infrastructure

Abdulaziz Alobaidli
COO
Masdar

Frank Cassulo
VP International Exploration & Production
Chevron

Moderator:

Rebecca McLaughlin-Eastham
TV Anchor, MC & CEO
RME Media

DAY 3 WEDNESDAY 6 NOVEMBER 2024

DIGITALISATION & TECHNOLOGY CONFERENCE

12:00 – 12:30 | Technology | AI | Location: Digitalisation & Technology Theatre

Live Demo

From the control room to the board room: the role of digital twins to enable data driven decision making

Digital twin technology - a combination of technologies that replicates a physical asset in a virtual model and then uses data to analyse and support decision making - is enabling energy companies to improve asset performance and business impact. Combined with the emergence of AI and machine learning, digital twin technology allows businesses to assess their power plants, transmission lines, distribution networks, and other assets to optimise performance through predictive maintenance and production optimisation. But companies must overcome barriers to implementation including aging infrastructure, data standardisation and management, upfront investment concerns and more.

Attendee insights: Learn through case studies and demonstrations how digital twin technology can be used to overcome challenges when it comes to implementing pre-emptive physical asset monitoring.

Speaker:

Srikanth V
Consulting Director, Middle East & Africa
Honeywell

MARITIME & LOGISTICS CONFERENCE

12:00 – 12:30 | Heavy emitting | Decarbonisation | Location: Conference Hall A

Leadership dialogue

The role of the Industrial Transition Accelerator (ITA) in decarbonising shipping

Launched at COP28, the Industrial Transition Accelerator (ITA) is a key lever to endorse lower carbon solutions across the maritime and energy value chains, providing a blueprint to tackle the heavy emissions from the sector. Maritime decarbonisation is a complex challenge, requiring a blend of facilitating regulations and bold investments, as well as market demand signals and end-user readiness to pay a green premium for alternative, lower carbon fuels and climate technology solutions. Shipping's heavy reliance on traditional fuels acts as a reminder that decarbonising maritime trade cannot happen in isolation from related industries like aviation and fertilisers – requiring cross-sector collaborations for a meaningful energy transition to take place.

Attendee insights: Learn about the role of the Industrial Transition Accelerator (ITA) in enhancing cross-industry cooperation and collaboration to advance progress in maritime decarbonisation.

DAY 3 WEDNESDAY 6 NOVEMBER 2024

STRATEGIC CONFERENCE

12:25 - 13:10 | Energy transition | Location: Conference Room B

Action Session

Mitigating methane emissions to accelerate the energy transition

The Global Decarbonisation Accelerator, launched at COP28, aims to speed up the energy transition and reduce global emissions via a series of key industry-based initiatives. The Oil and Gas Decarbonisation Charter (OGDC), which is part of the GDA, targets the elimination of routine flaring by 2030, achieving net-zero operational emissions by 2050, and reducing upstream methane emissions to near-zero. The OGDC also emphasizes the importance of engaging with customers, investing in future energy systems and increasing transparency in measurement and reporting.

Moderator:

Bjørn Otto Sverdrup
Chair, OGCI Executive Committee
Head of OGDC Secretariat

HYDROGEN CONFERENCE

12:30 – 13:00 | Hydrogen | Cross-sector | Location: ICC Hall Part B

Leadership Dialogue

Accelerating a low-carbon hydrogen market with the International Hydrogen Trade Forum

The International Hydrogen Trade Forum (IHTF) plays a pivotal role in fostering a global hydrogen market, connecting regions abundant in renewable resources with high-demand areas. This initiative is crucial for developing seamless hydrogen supply chains. However, challenges such as the projected supply-demand gap for 2030, rising costs, and lagging infrastructure development necessitate urgent strategic interventions. The IHTF, as a high-level platform for a dialogue between importing and exporting countries, catalyses the development of the hydrogen economy and the necessary solutions to strengthen public-private partnerships, expand infrastructure, and implement supportive governmental policies.

Attendee insights: Gain insights into how the International Hydrogen Trade Forum fosters collaboration across borders and sectors to build a resilient and efficient hydrogen energy system.

Speaker:

Han Feenstra
Hydrogen International Programme Manager & Senior Policy Advisor
Netherlands Ministry of Climate Policy & Green Growth

DECARBONISATION CONFERENCE

12:45 - 13:15 | Decarbonisation | Finance | Location: Decarbonisation Theatre

Leadership Interview

Scaling investment in clean technology

The International Energy Agency estimates clean energy investment must reach $4.5 trillion per year by the early 2030s to achieve net-zero emissions by 2050. Despite the rapid growth of the clean tech sector and the new opportunities it creates for businesses and investors, clean energy investment remains significantly lower than required, due to the capital-intensive nature of clean energy projects and their long payback periods. Additionally, many of the technologies and solutions have not yet been proven in the market, adding another layer of investment risk. Supportive policies such as tax incentives, and financial innovations such as large public funding programmes, will pave the way for innovative cleantech projects to thrive.

Attendee insights: Understand strategies for de-risking and incentivising clean technology investment.

Speakers:

Wonsik Cho
VP Sustainable Technology Business Team Leader
Samsung E&A

Zoë Knight
Group Head, Centre of Sustainable Finance
Head of Climate Change MENAT
HSBC

DAY 3 WEDNESDAY 6 NOVEMBER 2024

DIGITALISATION & TECHNOLOGY CONFERENCE

13:30 – 14:30 | AI | Technology | Location: Digitalisation & Technology Theatre

Action Session

Enabling AI in the energy systems of tomorrow

AI has and will continue to revolutionise the energy sector, driving digitalisation and predictive capabilities. To maximise the increased efficiency and productivity AI and machine learning can deliver, open technology standards that foster greater data interoperability will be essential to overcome many of the cybersecurity and data management concerns. Organisations like the Trusted Energy Interoperability Alliance (TEIA) - which aims to create standards and agreed-upon formats and protocols for secure and interoperable data communications within the energy system—and the Open AI Energy Initiative (OAI) - an open ecosystem of AI-based solutions for the energy and process industries - are working toward this. To mitigate risks, businesses must standardise security formats, and compliance requirements for energy hardware and software, and develop internal AI specialists to deliver transformation at scale.

Attendee insights: In this Action session, gain exclusive insights into the standards being developed by the TEIA and OAI and how they can be implemented by businesses to achieve an interoperable and trusted energy ecosystem.

Speakers:

Hussein Shel
Chief Technologist for Energy & Utilities
AWS

James Brady
Chief Digital Officer, Oilfield Equipment & Services
Baker Hughes

Dr. Mike Roshchin
Head of AI
AIQ

David Maher
EVP and CTO
Intertrust

STRATEGIC CONFERENCE

14:00 - 14:20 | Energy security | Location: Conference Room B

Energy Talks

U.S. elections: reflections and impacts on the energy transition

According to industry experts, the U.S. election could lead to the energy transition slowing. Policies such as the Infrastructure Investment and Jobs Act (IIJA) of 2021 and the Inflation Reduction Act (IRA) of 2022 placed the U.S. at the center of the world's decarbonisation journey, but what will happen in November 2024? How will the U.S. elections impact the new world order and the energy industry?

Attendee insights: This Energy Talk will focus on the elections, its repercussions and what energy companies need to watch out for in the years ahead.

Speakers:

Robert McNally
Founder & President
Rapidan Energy Group

Moderator:

John Defterios
Professor of Business
New York University
Abu Dhabi

DAY 3 WEDNESDAY 6 NOVEMBER 2024

HYDROGEN CONFERENCE

14:00 – 14:30 | Hydrogen | Decarbonisation | Location: ICC Hall Part B

Leadership Dialogue

Powering industries with low-carbon ammonia

Low-carbon ammonia is expected to play a key role in decarbonising industrial applications, such as power generation, maritime shipping, and the fertiliser industry, as well as serving as an efficient hydrogen carrier. Despite high production costs, when compared to conventional ammonia, its broad applications and significant decarbonisation potential could make it crucial for achieving net-zero emissions. To fully realise the potential of low carbon ammonia, incentivising policies, as well as investment, will be needed to accelerate production, reduce the green premium and deliver lower carbon industrial applications.

Attendee insights: Learn how low-carbon ammonia is set to transform industrial applications, driving much-needed decarbonisation results.

Speakers:

Ahmed El-Hoshy
CEO
Fertiglobe

Gautam Reddy
CEO
AM Green Ammonia

Moderator:

Rebecca McLaughlin-Eastham
TV Anchor, MC & CEO
RME Media

DECARBONISATION CONFERENCE

14:00 - 14:45 | Decarbonisation | Technology | Location: Decarbonisation Theatre

Leadership Perspectives

The role of startups in delivering the new clean energy future

Startups are at the forefront of developing affordable, efficient and reliable clean energy technologies driving innovation, securing investment, influencing policy, developing talent, and embracing digitalisation and sustainability – all of which are critical to meeting global climate goals. However, startups face challenges such as high upfront capital to develop, test, and scale their technologies, limited access to investment and funding, high levels of competition, and digital technology scalability. With the right investors, partners and collaborators, many companies considered startups today could be key players in the new clean energy system.

Attendee insights: Understand how clean energy startups are uniquely positioned to add value in the clean energy future with the right innovation and investment.

Speakers:

Sebastian Mwaura
Co-Founder and CEO
Yna Kenya

Youssef Salem
CFO
ADNOC Drilling

Rahul Bammi
President
Verdagy

Moderator:

Dr. Carole Nakhle
CEO
Crystol Energy

DAY 3 WEDNESDAY 6 NOVEMBER 2024

MARITIME & LOGISTICS CONFERENCE

14:00 – 15:00 | Heavy Emitting | New energies | Location: Conference Room A

Strategic Panel

Defining the value chain of future low carbon marine fuels

Despite ambitious net-zero targets set by the maritime industry, only a limited supply of alternative marine fuels is readily available on the market, whilst over 95% of projects for producing these fuels have not passed the final investment decision (FID) phase. It is projected it will take at least six years to reach FID and move to production. Which means, unless a significant number of projects materialise soon, the majority of the global shipping fleet will continue to run on heavy-emitting fuels beyond 2030. Configuring the decarbonised maritime fuel value chain of the future is a costly affair, requiring shipowners, fuel producers, governments, and financial institutions to forge innovative collaborations and develop new business models to release the bottlenecks slowing the journey to net-zero emissions by 2050.

Attendee insights: Delve into the complexities of creating a low carbon maritime fuel value chain, as well as the collaborative strategies required to overcome cost and infrastructure challenges.

Speakers:

Zahid Osman
President & Group CEO
MISC Group

Capt. Walter Purio
CEO
ESCC & uODS Marine and Power

Torben Nørgaard
CTO Energy & Fuels
Mærsk Mc-Kinney Møller Center for Zero Carbon Shipping

Ajay Singh
Senior Managing Executive Officer
MOL Group

Moderator:

Peter Jameson
Managing Director & Partner
BCG

HYDROGEN CONFERENCE

14:30 – 15:30 | Hydrogen | Location: ICC Hall Part B

Regional Spotlight Session

Asia's role in defining the hydrogen market

Asia is emerging as a key player in the hydrogen economy, supported by significant investments in low-carbon hydrogen and ammonia technologies. China may need to import substantial quantities of hydrogen by 2030 due to high domestic demand but could conversely also achieve near self-sufficiency, or become an exporter, depending on its success in scaling low-carbon hydrogen production and resolving infrastructural challenges. Meanwhile, Japan and South Korea could become major importers of hydrogen, driven by their high energy dependence and constraints in domestic renewable energy production. As Asian nations start to configure their hydrogen markets, the region provides a compelling case for the development of new technologies to produce lower cost hydrogen, as well as investments in a rapid expansion of enabling infrastructure for international hydrogen trade.

Attendee insights: Gain insights into how Asian countries are positioning themselves within the global hydrogen economy, focusing on their advances in hydrogen production technologies and infrastructure, and the geopolitical implications of their evolving roles as both importers and exporters in the hydrogen market.

Speakers:

The Right Honourable Abang Johari Tun Openg
Premier of Sarawak
Malaysia

Hiroshi Matsuda
Chief Regional Officer
EMEA
Mitsubishi Heavy Industries

Koji Yamamoto
SVP
JOGMEC

Shoichi Kaganoi
SVP, Hydrogen & CCUS Development
INPEX

Karine Boissy-Rousseau
VP Green Gases
TotalEnergies

Moderator:

Gaurav Sharma
Energy Market Analyst & Forbes Senior Contributor
TotalEnergies

DAY 3 WEDNESDAY 6 NOVEMBER 2024

STRATEGIC CONFERENCE

14:40 - 15:25 Energy transition — Location: Conference Room B

Action Session

Shaping the energy future: partnerships and policy and collaboration

The scale, complexity and urgency of the energy transition continues to increase in the face of continued geopolitical tensions, increasingly frequent climate events, and ongoing barriers to scaling and commercialising the innovative technologies needed to deliver a decarbonised energy future. By bringing together diverse expertise and resources across sectors, borders and disciplines, new partnerships and collaborations can accelerate innovation, mobilise critical capital and drive the systemic changes needed. To deliver change in the timeframe required, it is critical for governments and organisations across sectors to enable the rapid exchange of ideas, technologies and methodologies; mobilise new sources of funding and increase access to it; and nurture the international collaborations that allow for the sharing of best practices and the scaling of successful innovations across borders.

Attendee insights: Gain a better understanding into how energy leaders and policymakers are shaping the future of energy by enhancing collaboration opportunities, shaping new policies and showcasing progress that creates a resilient and sustainable future for the energy sector.

Speakers:

His Excellency
Osama Mobarez
Secretary General
East Mediterranean Gas Forum

Joseph McMonigle
Secretary General
International Energy Forum

MARITIME & LOGISTICS CONFERENCE

15:00 – 15:45 Heavy Emitting | Cross-sector — Location: Conference Room A

Leadership Perspectives

Are ports ready for alternative, lower carbon fuels?

Whilst ports in Europe and Asia have made progress in handling new hydrogen-based fuels, these advances remain few and far between compared to the global ambitions for building the new multifaceted global energy market. Transporting hydrogen on ships may be challenging, yet ammonia and methanol are projected to take up an increasing share of the market, requiring readily available infrastructure at ports to safely integrate a multi-fuel bunkering capability in an evolving fuel supply chain. Alternative, lower carbon fuel deployment will require significant planning as well as investment to identify, design and build the required infrastructure. Can learnings be transferred from LNG terminals and carriers to guide the maritime industry in transitioning to its role in the energy system of the future?

Attendee insights: Gain perspectives on how ports are adapting to transport alternative, lower carbon fuel, what is needed to deliver progress and what learnings may be made from related supply chains.

Speakers:

Tiemen Meester
Group COO Ports & Terminals
DP World

Colin Ward
SVP Electrification Automation and Digitalisation
Siemens Energy

DAY 3 WEDNESDAY 6 NOVEMBER 2024

STRATEGIC CONFERENCE

15:25 - 16:10 Energy transition — Location: Conference Room B

Action Session

Natural gas and LNG infrastructure: meeting demand and climate goals

Global demand for natural gas is increasing, with projected 2.5% rise in 2024 according to IEA primarily driven by industrial and power sectors in Asia. China and India are leading this surge, while Europe continues to be a significant importer. The United States and the Middle East remain dominant exporters, supported by substantial investments in LNG infrastructure to meet growing demand globally. To successfully address critical energy security priorities and maintain energy market balance, natural gas demand projections must be accompanied by carefully orchestrated strategies to navigate the difficulty of operating, maintaining and investing in gas assets to meet projected rising demand while maintaining momentum toward climate targets. By taking a system-wide, forward-looking approach to gas system planning, utilities and regulators can better navigate the complex landscape of rising near-term demand and long-term decarbonisation priorities. This will be inclusive of regulatory transparency and oversight, improved gas-electric coordination, scenario planning and risk assessment, technology integration, and more.

Attendee insights: Gain insights into the necessary investments in natural gas infrastructure and the regulatory actions needed to align energy needs with climate goals.

Speakers:

Peter van Driel
CFO
ADNOC Gas

Olakunle A. Osobu
Deputy Managing Director
Nigeria LNG Limited

HYDROGEN CONFERENCE

15:30 - 16:15 Hydrogen — Location: ICC Hall Part B

Leadership Perspectives

Midstream matters: developing infrastructure for transporting and storing hydrogen

To enable a global low-carbon hydrogen market independent on hydrogen hub models, it is critical to solve the challenge of transporting hydrogen over long distances. Moving hydrogen, especially via pipelines and ships, presents challenges due to its low density, which requires either high-pressure compression or liquefaction to make it economically viable. Additionally, hydrogen's small molecule size leads to high rates of embrittlement and leakage, posing further challenges for pipeline material integrity and safety. To build out an effective hydrogen infrastructure system, advances in pipeline technology, robust safety protocols, and international standards for hydrogen handling are essential. Alongside these technical improvements, the implementation of supportive policies and financial incentives will be crucial to stimulate private sector investment in hydrogen transport and storage projects.

Attendee insights: Understand the technical and economic barriers to scalable hydrogen transportation and storage networks, the innovations needed to overcome hydrogen's unique challenges and the strategies for integrating these solutions into a coherent infrastructure framework.

Speakers:

Bas Verkooijen
CEO
Advario

Eng. Anas Aljuai
CEO
Mannesmann Energy

Alicia Eastman
Host of 'Everything About Hydrogen
Co-Founder and Board Director
InterContinental Energy

Marcel Kooter
Co-Founder
Holland Hydrogen Hub

Moderator:

Mogens Holm
Partner & Associate Director
BCG

DAY 3 WEDNESDAY 6 NOVEMBER 2024

MARITIME & LOGISTICS CONFERENCE

15:45 - 16:30 | Heavy Emitting | AI | Location: Conference Room A

Leadership Perspectives

The role of digitalisation in building a safer and more energy efficient maritime future

Digital technologies can optimise operations and help reduce emissions, while improving safety in handling high-risk fuels. They can also help in combating piracy and cybersecurity threats in vulnerable regions. Real-time data analytics and AI-driven systems can identify operational inefficiencies as well as inform decisions impacting energy efficiency. These technologies are pivotal in steering the maritime industry towards a safer, more energy efficient, and sustainable future. Beyond operational gains, an increasingly automated industry empowers the next generation of maritime professionals to view shipping as an increasingly attractive career path.

Attendee insights: Learn how emerging digital technologies, including AI, autonomous systems, and real-time analytics are revolutionising maritime operations to enhance safety, energy efficiency, and sustainability in the industry's advancement towards a greener future.

Speakers:

Julian Panter
CEO
SmartSea

Despina Panayiotou Theodosiou
CEO
Tototheo Global

Ashish Agarwal
CEO and Managing Director
SEROS

Vinay Sharma
Group CIO
Gulftainer

Moderator:

Eithne Treanor
Founder & CEO
E Treanor Media

DAY 4

THURSDAY
7 NOVEMBER 2024

DAY 4 THURSDAY 7 NOVEMBER 2024

STRATEGIC CONFERENCE

09:00 - 10:00 AI **Location: ICC Hall**

Strategic panel

Connecting AI and energy: accelerating action for a better energy future

AI has the potential to transform numerous sectors and is poised to play a pivotal role in the decarbonisation and shaping tomorrow's energy systems. Managing our energy systems is becoming increasingly challenging, especially as our electricity demands continue to rise, driven by electrification and the proliferation of AI. In developing countries, the adoption of AI poses several challenges including electricity connection, internet access, and job market disruptions. However, the adoption of AI offers a magnitude of opportunities and help bolster the economy. One of the ways AI can help is through the development of local infrastructure for new data centres, and the positive ripple effects this has on green power, access to computers, and new job creation. These new developments can offer offtake guarantees for green energy projects, thereby encouraging investment in green energy. Creating a more equitable future for AI will support the Global South in its energy transition journey. How can AI and energy companies work together to support both economic development, equitable access to AI and technology development in the Global South?

Attendee insights: Understand how energy can make AI equitable in the Global South and what opportunities it presents for its economic development.

STRATEGIC CONFERENCE

10:00 - 11:00 Talent **Location: ICC Hall**

Strategic Panel

Attracting and retaining the energy talent required to deliver the energy transition

In 2023, the IEA reported that energy employment reached nearly 67 million in 2022, with about 35 million in clean energy sectors and about 32 million in fossil fuel sectors. Its Net Zero Emissions by 2050 scenario projects that 14 million new clean energy jobs will need to be created by 2030, while another 16 million workers shift to new roles related to clean energy. Energy organisations have equally critical dual challenges - securing talent and skills to deliver the new energy system while retaining legacy talent and skills for traditional energy production. As with the energy transition itself, solutions will be complex and must take into account employee value proposition evolution, rising employee expectations, the opportunities enabled by a global talent pool, and efficiencies created by emerging new technologies like AI and machine learning. In an increasingly competitive labour market, how can businesses attract and retain the energy talent required to deliver the energy transition?

Attendee insights: Hear from industry leaders on how they are attracting new talent for the energy transition roles of the future whilst retaining legacy talent for their traditional energy business. Understand from a young graduate perspective what it means to enter the energy industry vs another industry.

Speakers:

Proscovia Nabbanja
CEO
Uganda National Oil Company

Nicke Widyawati
President Director & CEO
Pertamina

Bob Dudley
Chair
OGCI

John Gilley
CEO
Kent

Dr. Ranjit Rath
Chairman and Managing Director
Oil India Limited

DAY 4 THURSDAY 7 NOVEMBER 2024

DECARBONISATION CONFERENCE

10:00 - 10:45 | Decarbonisation | Ai | Location: Decarbonisation Theatre

Spotlight Discussion

Decarbonising electricity for AI-driven data centres

Data centres currently account for 1-1.5% of global electricity consumption. As the demand for AI, data and cloud computing grows, it is crucial to address the need for energy-efficient practices and technologies to combat the challenge of high demand in energy consumption and cooling. While efforts are being made to decarbonise data centre operations, more collaboration and digital innovation are needed to make significant progress. Initiatives like the Net Zero Innovation Hub, in Denmark, are bringing stakeholders together to develop and implement solutions for sustainable data centres. Data-grounded and AI-powered capabilities have the potential to accelerate the energy transition for all, however, the question remains as to whether the benefits will justify the increased power demand.

Attendee insights: Learn how data centres are future-proofing their operations through decarbonisation and what steps are being taken to help mitigate the industry's environmental impact.

Speakers:

Neeraj Joshi
CTO - Energy & Resources
Microsoft

Dr. Steven Griffiths
Professor and Vice Chancellor for Research
American University of Sharjah

DIGITALISATION & TECHNOLOGY CONFERENCE

10:00 – 11:00 | AI | Technology | Location: Digitalisation & Technology Theatre

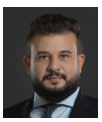
Lightning Talks

Industry shaping technology showcase

Digital twins, generative AI, smart grids, EV charging, and many more technologies are changing how energy is produced, distributed, and consumed. Each offers opportunities for increased energy efficiency, sustainability, and an overall better customer experience, while also presenting unique challenges and opportunities.

Attendee insights: Hear from technological trailblazers in the sector who have developed solutions and transformed their businesses to excel in the age of digitalisation. Learn from their cases and gain insight into how these can be implemented into business operations.

Speakers:



Alaa El Huni
Chief Business Officer
CAFU

Jawad Jalal Abbassi
Head of Middle East & North Africa
GSMA

Ilya Savchuk
Head of Strategy
Hepta Airborne

DAY 4 THURSDAY 7 NOVEMBER 2024

VOICES OF TOMORROW

10:00 - 10:45 | Global South | Cross-sector | Location: ICC Hall

Strategic Panel

Powering Africa's energy system by catalysing in-country growth through local resources

Africa's vast natural resources - including agriculture, minerals, traditional fuels, and renewable energy - hold the key to unlocking energy access and security. By developing these resources sustainably and building climate-resilient energy infrastructure, African nations can create jobs, generate revenue, and stimulate markets, trade, and economic growth. To overcome the hurdle of limited financing and investment, governments, businesses, development banks, investors, and civil society must work together to create supportive policies and actions. This collaboration will ensure balanced energy security and net-zero ambitions, ultimately achieving universal energy access in Africa.

Attendee insights: Gain insights into the opportunities for in-country growth within African nations and the crucial role of financing access and collaboration in unlocking this potential.

Speakers:

Mark Brownstein
SVP Energy Transition
Environmental Defense Fund

William Lacobie
Managing Director
Southern Africa
Strategic Business Unit
Chevron

VOICES OF TOMORROW

10:30 – 11:00 | DEI | Location: Conference Room B

Voices of Tomorrow Interview

Investing in employee wellbeing

Studies show investing in employee wellbeing improves health. It can also boost creativity, productivity, and performance. Companies should invest in employee wellbeing now more than ever, as a recent BCG study reveals that burnout affects almost all employees. By providing senior managerial support, psychological safety and fair opportunities, businesses can take the lead and attract top talent. To enable employees to fulfil their potential, it makes sense for companies to prioritize wellbeing, enabling them to perform at their best and maintain a positive outlook.

Attendee insights: Explore how supportive environments can be built and maintained within the workplace to ensure people are allowed to thrive and excel within the workplace.

Speaker:

Dr. Ghuwaya Al Neyadi
SVP, ADNOC Group Medical & Wellbeing
ADNOC

DAY 4 THURSDAY 7 NOVEMBER 2024

VOICES OF TOMORROW

10:45 – 11:30 | Global south | Energy transition | Location: ICC Hall

Leadership Perspectives on the Global South energy sector at COP29

Keeping track of NDCs: what can the Global South's energy sector expect at COP29?

Nationally Determined Contributions (NDCs) are the cornerstone of countries' climate action plans, outlining specific commitments on energy production and consumption. For Global South nations, where energy access and sustainability are paramount, NDCs offer a roadmap to transition to cleaner energy sources and enhance energy security. The Global South faces a unique dilemma: balancing economic growth with climate action. To address this, energy adaptation measures are essential, including robust policy frameworks, infrastructure development, capacity building, and technology transfer. The Global South is already grappling with climate change's impacts, so developed nations must take responsibility, providing financial support and technology to ensure an equitable energy transition.

Attendee insights: This session will explore how the Global South can leverage NDCs to accelerate clean energy adoption and harness strategies crucial for achieving a sustainable and resilient energy future.

Speaker:

Gulmira Rzayeva
Senior Visiting Research Fellow
The Oxford Institute for Energy Studies

DECARBONISATION CONFERENCE

10:45 - 11:45 | Decarbonisation | Heavy emitting | Location: Decarbonisation Theatre

Strategic Panel

Decarbonising heavy-emitting industry operations

According to IEA, the demand for heavy industry products is expected to rise given the requirements for constructing and maintaining nuclear power plants, wind turbines, and other clean energy infrastructure. Accounting for at least 70% of industrial emissions per year, heavy industry sectors must work pragmatically towards decarbonising their operations and operational excellence. Challenges and potential bottlenecks include retiring or retrofitting long-lived plant assets, electrifying inherent industrial production methods where possible, innovating solutions for high emissions and high heat intensity processes, and scaling emerging and new technologies for commercial viability. Significant investment and coordinated policy support will be required to activate significant and timely progress toward decarbonisation.

Attendee insights: Hear from industry leaders' perspectives on operational requirements and challenges towards decarbonising heavy industry operations and the strategies needed to address them.

Speakers:

Dr. Norbert Kamp
CEO
Gidara Energy

Tarek Sultan
Vice Chairman
Agility

Farouk Jivani
CEO
Zeroe

Dr. Shamma Al Malek
Strategy Development Director
Abu Dhabi Department of Energy

Moderator:

Eithne Treanor
Founder & CEO
E Treanor Media

DAY 4 THURSDAY 7 NOVEMBER 2024

DIGITALISATION & TECHNOLOGY CONFERENCE

11:00 – 11:30 | Technology | Cross-sector | Location: Digitalisation & Technology Theatre

Technology Talk

Blockchain's entrance into the carbon credits industry: the promise of transparency and accountability

The carbon credit market has historically lacked the transparency, accessibility, liquidity, and standardisation to create an established trading system. Blockchain-based carbon trading is relatively new in the market and through tokenisation, it can securely digitise carbon credits on the blockchain, creating a digital footprint for the credit and allowing for easy buying and selling. However, a lack of a legal framework and scepticism over the quality of carbon credit tokens are just two examples of the challenges that need to be overcome to create transparency and trust.

Attendee insights: Explore how blockchain is transforming the carbon credit space, bringing transparency, efficiency, and accessibility to a traditional financial system.

Speaker:

Giorgio Donà-Danioni
Chairman
KCG

VOICES OF TOMORROW

11:30 – 12:30 | Talent | DEI | Location: Conference Room B

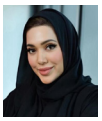
Strategic Panel

The importance of diversity and inclusion in unlocking the energy transition

Energy companies that build inclusive cultures, where individuals feel safe to express themselves and challenge others, thrive in many ways. Firstly, they innovate more. Secondly, they gain a competitive edge in the energy transition by attracting and retaining top talent and getting the best out of their employees. To make this happen, leaders should commit to a clear talent strategy and take concrete steps to create an inclusive environment that drives innovation.

Attendee insights: Explore how businesses are moving from commitments to tangible strategies and outcomes to develop an inclusive workforce capable of driving innovation and organisational performance in the energy transition.

Speakers:



Eiman Al Hammadi
SVP, Group HC Strategy and Organization Effectiveness
ADNOC

Samhita Shah
Global Head of Industry Marketing, Energy & Utilities
AWS

Dr. Hamad Odhabi
Vice Chancellor for Financial & Administrative Affairs
Abu Dhabi University

HRH Princess Dr. Moradeun Ogunlana
Founder & CEO
AWHPI GLOBAL FOUNDATION

Moderator:

Maria Flouda
Board Co-Chair & UAE Network Leader
Lean In Equity and Sustainability

DAY 4 THURSDAY 7 NOVEMBER 2024

DIGITALISATION & TECHNOLOGY CONFERENCE

11:30 – 12:00 | Technology | Cross-sector | Location: Digitalisation & Technology Theatre

Technology Talk

Scaling AI solutions to deliver the circular economy

The shift to a circular economy, in which businesses recover or recycle resources used in their value chain, has remained elusive, despite offering trillions of dollars in value creation. Barriers include the low residual value of used products, an inability to collect materials, prohibitive costs of separating and processing materials, and lack of traceability of products and materials that are being recycled. Using digital tools and artificial intelligence can potentially remove these barriers and create entirely new markets and business models.

Attendee insights: Discover new uses for AI in the circular economy and explore how industry leaders are utilising these tools to accelerate their transition to a future focused on the elimination of waste and pollution.

Speaker:

Douglas Johnson Poensgen
CEO
Circulor

VOICES OF TOMORROW

11:30 – 12:00 | Global South | Energy transition | Location: ICC Hall

Spotlight Discussion

Navigating the energy systems transition in Southeast Asia

Southeast Asian countries face a tough challenge in transitioning their energy systems, mainly because they rely heavily on coal, need more power and transport, and have different levels of industrialisation, resources, and energy infrastructure. This makes it hard to reduce emission intensity, especially as economic growth demands more energy. To strike a balance between growth and sustainability, developing nations must work together through regional collaboration, international cooperation, and sharing best practices and innovative solutions like electric transport, renewable energy, and energy efficiency improvements. They must also consider how to ensure fairness for workers, businesses, and consumers by providing access to capacity, finance, products, services, and affordable energy.

Attendee insights: Understand the unique challenges Southeast Asian countries are facing in the energy transition and gain insights on strategies and technologies being deployed to tackle high emission intensity in growing economies.

Speakers:

Francelino Antonio Xavier
Director, Exploration and Production
Autoridade Nacional do Petroleo e Minerais

Dr. Nuki Agya Utama
Director
Economic Research Institute for ASEAN and East Asia

Moderator:

Eithne Treanor
Founder & CEO
E Treanor Media

DAY 4 THURSDAY 7 NOVEMBER 2024

VOICES OF TOMORROW

11:30 – 12:15 | Global South | Civil society | Location: ICC Hall

Strategic panel

The strategic role of NGOs in unlocking energy investment for emerging economies

Non-governmental organisations take the lead in unlocking investment opportunities in developing economies' energy sectors by tackling regulatory hurdles and infrastructure gaps head-on. The World Resources Institute's Clean Energy Investment Accelerator is a prime example of how NGOs partner with governments to refine policies and showcase scalable clean energy projects. As a result, sustainable development advances and emerging markets become magnetically attractive to energy companies and financial institutions seeking expansion. By collaborating with NGOs, organisations can navigate complex regulations, secure funding, and tap into high-growth markets with confidence.

Attendee insights: Discover how NGOs are driving energy industry growth in developing countries by addressing regulatory challenges and infrastructural gaps, and how strategic collaborations with NGOs can unlock significant investment opportunities.

Speakers:

Maha Attia
Assistant Vice Chairman for Foreign Trade
Egyptian Natural Gas Holding Company (EGAS)

Madadh MacLaine
Secretary General
Zero Emissions Ship Technology Association

Moderator:

Gaurav Sharma
Energy Market Analyst & Forbes Senior Contributor
Independent Consultant

DAY 4 THURSDAY 7 NOVEMBER 2024

VOICES OF TOMORROW

11:30 – 11:45 | Talent | Location: Conference Room A Part B

Welcome Keynote

How corporate culture needs to evolve to inspire and engage the next generation of leaders

To inspire and engage the next generation of leaders, corporate culture must undergo significant evolution. Leaders who actively cultivate a dynamic organisational culture can create a virtuous cycle that not only attracts top talent but also enhances performance and fulfills the company's value agenda. However, this transformation is not without its challenges. It requires a comprehensive overhaul of existing systems, often facing resistance that demands leaders approach these complexities with self-awareness and a willingness to confront personal biases. By prioritising an adaptive culture, organisations can better inspire and engage the leaders of tomorrow, ensuring both growth and sustainability in a rapidly changing landscape.

Speaker:

Yaser Saeed Almazrouei
Executive Director, People Commercial and Corporate Support Directorate
ADNOC

DECARBONISATION CONFERENCE

11:45 - 12:45 | Decarbonisation | Heavy emitting | Location: Decarbonisation Theatre

Strategic Panel

Sustainable aviation fuel (SAF) take-off: ensuring financing and production scaling

Sustainable aviation fuel (SAF) is gaining recognition as a sustainable alternative to traditional jet fuel. Despite considerable interest and investment, challenges hinder its widespread adoption including the high cost of production compared to conventional jet fuel, limited availability of sustainable feedstocks, lack of clear and consistent government policies for production, and infrastructure. Scaling SAF production can play a key role in meeting the aviation industry's need to decarbonise. To achieve this, significant R&D investment will be required to optimise SAF production from emerging feedstocks as well as consistent international policies to provide clear, long-term signals to incentivise the necessary capital investments by SAF producers.

Attendee insights: Learn about the potential of SAF to reduce carbon emissions and the strategies required to finance and scale its production.

Speakers:

Siegfried Knecht
CEO, aireg
VP Director R&T Affairs
Airbus

Martijn Arjen van Koten
EVP Fuel & Feedstock
OMV

Giovanni Sale
SVP Corporate & Business Strategy
MAIRE

Linn Tonsberg
Managing Director bp Middle East LLC; Director, air bp Middle East & Africa

Dr. Alejandro Ríos Galvan
Chief Research Scientist
Khalifa University of Science and Technology

DAY 4 THURSDAY 7 NOVEMBER 2024

DIGITALISATION & TECHNOLOGY CONFERENCE

12:00 – 12:30 | Technology | Cross-sector | Location: Digitalisation & Technology Theatre

Technology Talk

Harnessing the potential of 4IR technologies for sustainable food systems

Energy is a fundamental enabler of food security and zero hunger. With the World Resource Institute estimating that 10 billion mouths will need to be fed by 2050, the two sectors are being pulled closer together. AI can assist in enabling organisations to quickly interpret large amounts of data to predict hunger and ensure efficient distribution of food. AI can help connect farmers to markets where they can sell their products, predict yields, mitigate waste and even help price crops, all of which move the needle when it comes to improving the profitability of farms and reducing hunger. The food chain is a complex ecosystem and this is where AI has an advantage. By navigating the complex web of information, from farming to food distribution, it can help ensure higher-quality decision-making every step of the way.

Attendee insights: Explore the yet untapped potential of AI when it comes to developing sustainable food systems.

Speaker:

Alexander Kappes
CEO
Greener Crop

VOICES OF TOMORROW

12:00 – 12:30 | Global South | Cross-Sector | Location: ICC Hall

Leadership Interview

Strengthening Global South-South cooperation: enhancing energy access and sustainable development for developing countries

South-South cooperation brings developing countries significant energy benefits, driving access, efficiency, and sustainability through multiple mechanisms. Successful examples abound in the energy sector: China and Africa have joined forces to deploy suitable renewable energy technologies, boosting energy supply and rural electrification; Brazil is sharing bioenergy expertise with Mozambique; and India is sharing solar energy technology and know-how with African nations. Despite the successes, developing countries face common challenges - energy poverty, mounting debt, and climate vulnerability. To boost economic prosperity and GDP growth, Global South governments need to prioritise capacity building and strengthen South-South partnerships, focusing on improved energy access, sustainable practices, and innovation.They must also consider how to ensure fairness for workers, businesses, and consumers by providing access to capacity, finance, products, services, and affordable energy.

Attendee insights: Understand the unique challenges Southeast Asian countries are facing in the energy transition and gain insights on strategies and technologies being deployed to tackle high emission intensity in growing economies.

Speaker:

Dr. Valérie Marcel
Co-Founder and Executive Director
New Producers for
Sustainable Energy

DAY 4 THURSDAY 7 NOVEMBER 2024

VOICES OF TOMORROW

12:05 - 12:20 | Talent | Location: Conference Room A Part B

Leadership Under the Spotlight

Designing resilient national energy systems: a blueprint for future leaders

During this session, the audience will have the opportunity to put questions to the speaker throughout the presentation, fostering a more engaging and interactive dialogue. This session is meticulously crafted for aspiring leaders balancing energy sustainability, energy security, and national economic growth as they shape their careers.

In today's fast-changing energy landscape, the insights gained from developing modern energy systems at the national level are crucial for those ready to lead during times of uncertainty and transformation. Grasping the practical knowledge that informs strategic decision-making is essential for creating resilient energy policies and practices. By mastering these complexities, the next generation of leaders will be well-prepared to guide the energy sector toward a sustainable future. How can emerging leaders utilise these insights to effectively promote innovative energy solutions while tackling the urgent net-zero challenges we face?

Attendee insights: Gain actionable insights into strategic decision-making processes that ensure the development of robust and resilient energy policies that deliver energy sustainability, energy security, and national economic growth.

Speaker:

Eng. Ahmed Al Falasi
Energy Efficiency Sector Executive Director – Acting
Abu Dhabi Department of Energy

VOICES OF TOMORROW

12:15 – 12:45 | Cross-Sector | Civil society | Location: ICC Hall

Leadership interview

The role of civil society and industry collaboration in climate adaptation

Climate risks, including extreme weather events and rising sea levels, are increasingly dominating global headlines, requiring a tighter collaboration between civil society and the energy industry to find solutions. NGOs are crucial in leading local projects that help people and governments prepare for disasters, make infrastructure stronger, and utilise land in a sustainable manner. IGOs can support by integrating these local efforts to bigger climate plans and providing further funding and influence. By sharing best practices and fostering collaboration between the public, private, and civil society sectors, the energy industry can bolster climate adaptation efforts, helping communities build resilience against the escalating impacts of climate change.

Attendee insights: Learn how the energy industry can collaborate with NGOs and IGOs to empower communities, enhance infrastructure resilience, and integrate grassroots efforts into broader climate adaptation strategies, driving impactful and sustainable solutions in the face of escalating climate risks.

DAY 4 THURSDAY 7 NOVEMBER 2024

VOICES OF TOMORROW

12:20 – 13:05 | Global South | Civil society | Location: Conference Room A

Dialogue with leaders

Venturing into AI, AI in action

AI-powered solutions are revolutionising the energy sector, unlocking new possibilities for efficiency and innovation. From optimising carbon-intensive processes to driving breakthrough advancements, AI is set to transform the industry. Join leaders and youth changemakers from ADNOC in this dynamic panel to explore how AI is shaping the future of energy and redefining operational excellence.

VOICES OF TOMORROW

12:30 – 13:00 | Global South | Renewables | Location: ICC Hall

Spotlight Discussion

Latin America and the Caribbean: accelerating the clean-energy revolution through renewable energies

The Latin America and the Caribbean region is poised to lead the world in clean energy production, thanks to its abundant renewable resources. By tapping into solar, wind, geothermal, and hydropower, the region can diversify its energy grids, reduce its reliance on traditional fuels, create new job opportunities and spread the benefits of increased prosperity. The region accounts for 14% of global renewable energy use, according to the IEA. But to fully harness this potential, the region needs to upgrade its outdated infrastructure to store and transmit renewable energy to areas still without electricity. Only with financial and technical support from developed nations can the region bridge the funding gap and acquire the necessary expertise to drive this transformation forward.

Attendee insights: Gain insights into the vast opportunity for developing countries within the Latin American and Caribbean region to overcome the challenges they face in achieving their energy transition goals and expanding renewable energies.

Speaker:

Isabel Beltran Villavicencio
Managing Director, Latin America and the Caribbean
Global Energy Alliance for People and Planet (GEAPP)

DAY 4 THURSDAY 7 NOVEMBER 2024

DECARBONISATION CONFERENCE

12:45 - 13:30 | Decarbonisation | Circularity | Location: Decarbonisation Theatre

Leadership Interview

Reducing demand for critical minerals through circular economy measures

Decarbonising the energy system will require a significant amount of critical minerals including lithium, cobalt, copper, and rare earth elements, to produce technologies such as solar PV, wind turbines and EV batteries. Modelling shows the use of advanced technologies with lower mineral demand combined with ambitious circular economy measures could reduce the cumulative demand for these critical minerals. However, significant challenges must be addressed to enable the benefits, including critical mineral recycling infrastructure, economic incentives for modular product designs that allow disassembly and reuse, and new thinking by end-users. Governments and businesses will need to consider implementing circular economy strategies like lifetime extension, and material efficiency to further decrease mineral demand.

Attendee insights: Understand the role of circularity in reducing demand for critical minerals and the opportunity created by implementing circular economy practices.

Speaker:

Jiří Hájek
CEO, Chairman of the Board of Directors
Orlen UniCRE a.s.

VOICES OF TOMORROW

12:45 – 13:30 | Global South | Civil Society | Location: ICC Hall

Leadership perspectives

Bridging boundaries: accelerating net zero through global collaboration

The chemical industry, a major contributor to global carbon emissions, faces significant challenges in decarbonisation. While technologies like electrification, green hydrogen, and carbon capture, are driving emissions reductions, cross-sector partnerships will be critical to maintain momentum. Achieving net zero in this sector requires strong collaboration between industries, governments, NGOs, and IGOs to scale sustainable practices. By fostering global cooperation, the industry can overcome technical and regulatory barriers, accelerating the transition to a low-carbon future.

Attendee insights: Join an engaging discussion that highlights how diverse perspectives from the corporate sector and non-profit associations can unite to drive meaningful change in one of the heavy-emitting sectors: the chemical industry.

Speakers:

Charlie Tan
CEO
Global Impact Coalition

Dr. Lars Kissau
President Net Zero Accelerator
BASF

DAY 4 THURSDAY 7 NOVEMBER 2024

VOICES OF TOMORROW

13:00 – 14:00 DEI Location: Conference Room B

Fishbowl

Achieving gender parity in leadership roles at energy organisations

A BCG study reveals a clear link between diversity and inclusion and improved financial performance. Notably, energy companies with above-average representation of women in top roles (21% or higher) saw significant increases in returns on equity. Moreover, diverse and inclusive workplaces attract a wider range of talent, retain staff more effectively, and boost employee satisfaction. By creating an environment that values diversity and fosters inclusion, energy companies can tap into the best minds and drive innovation in the industry's future.

Attendee insights: Share strategies and explore how different businesses are excelling in the advancement of gender parity in leadership to better drive innovation and problem-solving.

Speaker:

Denise Mannix
Founder
Lean In Energy

Robert Schapiro
Senior Director of Partnerships
Microsoft

Sara Frassine
Group Development & Compensation VP MAIRE and Human Resources VP NEXTCHEM
MAIRE

Moderator:

Charlotte Chedeville
Corporate storyteller
Future of Work and ED&I Advocate

DAY 4 THURSDAY 7 NOVEMBER 2024

VOICES OF TOMORROW

13:20 – 13:50 Talent Location: Conference Room A Part B

Future Leaders Panel

Amplifying the voice of youth in the decade of action: the role of policymakers

Professionals in the energy sector also face a complex relationship between technology and policy, highlighting the need for interdisciplinary collaboration. Recognising the importance of incorporating climate discussions into academic programmes, to prepare future leaders with the necessary knowledge and skills for sustainability efforts, how can policymakers ensure the involvement of diverse perspectives and interdisciplinary expertise leads to concrete actions that advance our progress toward net-zero?

Attendee insights: Hear from industry leaders on how policymakers can lay the foundations for tomorrow's industry leaders to shape and drive forward the energy transition over the coming decade.

Speakers:

Eng. Nawal Alhanaee
Director of Future Energy Department
Ministry of Energy and Infrastructure
UAE

Suhail Diaz
President – Future Energy
Wood

VOICES OF TOMORROW

13:30 – 14:00 Cross-sector, Civil society Location: ICC Hall

Leadership dialogue

Collaborative governance and its impact on energy sector growth and innovation

Partnerships between energy companies, NGOs, and governments can spark innovation, reduce regulatory hurdles, and quickly advance critical energy transition projects. The Energy and Resources Institute (TERI) played a key role in shaping India's renewable energy policies, while the European Environment Agency (EEA) helped refine the European Union Emissions Trading System. These collaborations have created a stable investment environment, driving sustained energy sector growth, while ensuring economic stability, environmental sustainability, and social equity.

Attendee insights: Learn how collaborative governance between energy companies, NGOs, and IGOs is shaping regulatory environments that drive innovation, ensure compliance, and unlock new markets, ultimately contributing to a successful, yet profitable energy transition.

Speakers:

Dr. Binu Parthan
Deputy Director of Country Engagement and Partnerships (CEP) Division
IRENA

Olivia Azadegan
Women Leaders in Energy and Climate Change Fellow, Atlantic Council and Senior Energy Manager
Global Methane Hub

DAY 4 THURSDAY 7 NOVEMBER 2024

VOICES OF TOMORROW

13:50 - 14:20 | AI | Technology | Location: Conference Room A Part B

Leadership Perspectives

Innovation through future leaders

In the traditional energy sector, future leaders can cultivate a culture of innovation by establishing cross-functional teams that encourage brainstorming and creativity. Enhancing collaboration through partnerships with other industry players and stakeholders can also facilitate knowledge sharing and joint ventures focused on sustainability initiatives. Actively seeking input from underrepresented groups within the workforce and engaging in community outreach can promote different perspectives, ensuring that energy projects leverage diverse insights to optimise operations and reduce carbon footprints. Meanwhile, strategic innovations, such as AI, renewable energy sources and smart grid solutions, are vital enablers of the energy transition. How can future leaders harness the powers of collaboration and technology to ensure the gap between sustainability and economic growth is bridged?

Attendee insights: This session explores how young professionals can take leadership roles in promoting innovation within their organisations and communities.

Speakers:

Robin Mills
CEO
Qamar Energy

Abdulla Al-Qadi
Country Chairman, Iraq; MD, Iraq and Diyala; Executive Director - BD
Crescent Petroleum

Dr. Hamad Odhabi
Vice Chancellor for Financial & Administrative Affairs
Abu Dhabi University

Moderator:

Stephanie Del Carpio
Partner & Associate Director
BCG

VOICES OF TOMORROW

14:00 – 14:30 | DEI | Location: Conference Room B

Voices of Tomorrow Talk

People of determination: ensuring access for all

People of determination face more barriers in their personal and professional lives. Those who need assistive technology and healthcare support face even more challenges. That's why it's crucial for employers, coworkers, and society to build inclusive and supportive environments that allow everyone to thrive.

Attendee insights: In this inspiring session, hear from a double Paralympic gold and silver medallist, Kevin Paul, on his journey to Paralympic success and how he is now a champion for people of determination in the UAE from both a societal and business sense.

Speaker:

Kevin Paul
Double Paralympic Gold Medalist

DAY 4 THURSDAY 7 NOVEMBER 2024

VOICES OF TOMORROW

14:20 - 14:35 AI **Location: Conference Room A**

Leadership Perspectives on Future Skills and AI

AI as a strategic ally for future leaders in achieving climate goals

The incorporation of AI into sustainability strategies offers both significant opportunities and complex challenges. Growing energy demand raises concerns about consumption, underscoring the need for energy-efficient AI models and solutions that can support sustainable practices while ensuring resource availability. In response to these changes, young professionals will need to acquire key skills, including expertise in artificial intelligence, data analytics, renewable energy technologies, and a solid grasp of sustainability practices, as well as the ethical challenges of implementing AI across organisations.

Attendee insights: In this Leadership Perspective, we will delve into AI's dual role as an enabler of sustainable innovation and a source of ethical dilemmas and the role of future leaders in this technology development, as well as further essential skills.

VOICES OF TOMORROW

14:20 - 14:40 Technology, Decarbonisation **Location: Conference Room A Part B**

Youth Talk

Youth and the circular economy: accelerating the energy transition with smarter choices

By concentrating on strategies that reduce waste, optimise resource usage, and lessen ecological footprints, the circular economy presents pathways to a sustainable future. The enthusiasm and fresh perspectives of young professionals, combined with startups and technological advances, can provide the impetus for embracing circular practices and advocating for the systemic change that would unlock new avenues for growth within the energy sector. How can collaborations between these emerging leaders, and established energy players shape the future landscape of sustainability and innovation through circular practices in this critical transition?

Attendee insights: Learn how the young professionals are driving the energy transition through the circular economy with the support of startups and technology.

Speakers:

Thomas Soulas
Head of Technology Development, Innovation Center Abu Dhabi
Siemens Energy

Abel Inalegwu Onuh
Student
Federal University of Technology Minna
Nigeria

DAY 4 THURSDAY 7 NOVEMBER 2024

VOICES OF TOMORROW

14:30 – 15:30 DEI, Talent — Location: Conference Room B

Roundtable

Energy's talent crisis: attracting the workforce of tomorrow

To transform the energy system, a skilled and educated workforce that can drive innovation in a climate-conscious world is required. As the modern workforce ages, this poses a significant threat, especially as many young people – 44% of Millennials and 62% of Generation Z – see energy careers as unappealing. To achieve the energy transition, businesses must bridge the gap between four diverse generations.

Attendee insights: Share strategies on how the sector can overcome generational differences that the modern-day workforce poses to empower the workforce of today and engage the talent of tomorrow.

Speakers:

Molly Determan
President
Energy Workforce & Technology Council

Umer Bhat
Head of People and Culture
RAKGAS

Asma Almani
Board Member & North Africa Lead
Lean in Equity and Sustainability

Join the world's largest energy event

Building on 40 years of energy leadership, ADIPEC 2024, will enable innovation and accelerate action, exploring the intersection of energy and AI to drive the transition and deliver global impact.

Over four days, ADIPEC will convene 184,000+ attendees from varied communities, nations and industries, including the world's largest energy producers and consumers, as well as enablers in government, finance and technology, to find collective solutions to the energy trilemma.

Across more than 10 conferences and 370+ conference sessions, featuring 1,800+ diverse voices, including ministers, CEOs, academics, energy experts and youth, ADIPEC will address how collective energy innovation and action can empower lives and drive global prosperity.

The ADIPEC Exhibition, spanning 16 halls, will provide a platform where the energy world can demonstrate its highimpact solutions, build trusted relationships, and forge the game-changing, cross-sector partnerships needed to deliver secure, equitable and sustainable energy for all.

ADIPEC in numbers

Conference

16,500+
Conference delegates

1,800+
Conference speakers

370+
Conference sessions

10
Conferences

Exhibition

184,000+
Attendees

2,200+
Exhibiting companies

54
NOCs, IOCs, NECs, and IECs

30
Country pavilions

Specialised industry areas at ADIPEC

- Energy^{ai} by ADNOC
- Decarbonisation
- Maritime & Logistics
- Digitalisation

A truly global platform

ADIPEC convenes more than **184,000 energy professionals** from every corner of the world, empowering collective action, sparking innovation and driving partnerships needed to fast-track the energy transition.

Attendee breakdown by region

Middle East
39%

Americas
11%

Asia
22%

Africa
10%

Europe
18%


HALL 12
CONFERENCE HALL A
HALL 13 - MARINA
CONFERENCE HALL B
ADIPEC 2024 SALES STAND
DELEGATE BAG COLLECTION
ENERGY CONNECTS
DELEGATE LUNCH
MEZZANINE LEVEL
ADIPE
2-5 October 2023
Decarbonising. Faster. Together.

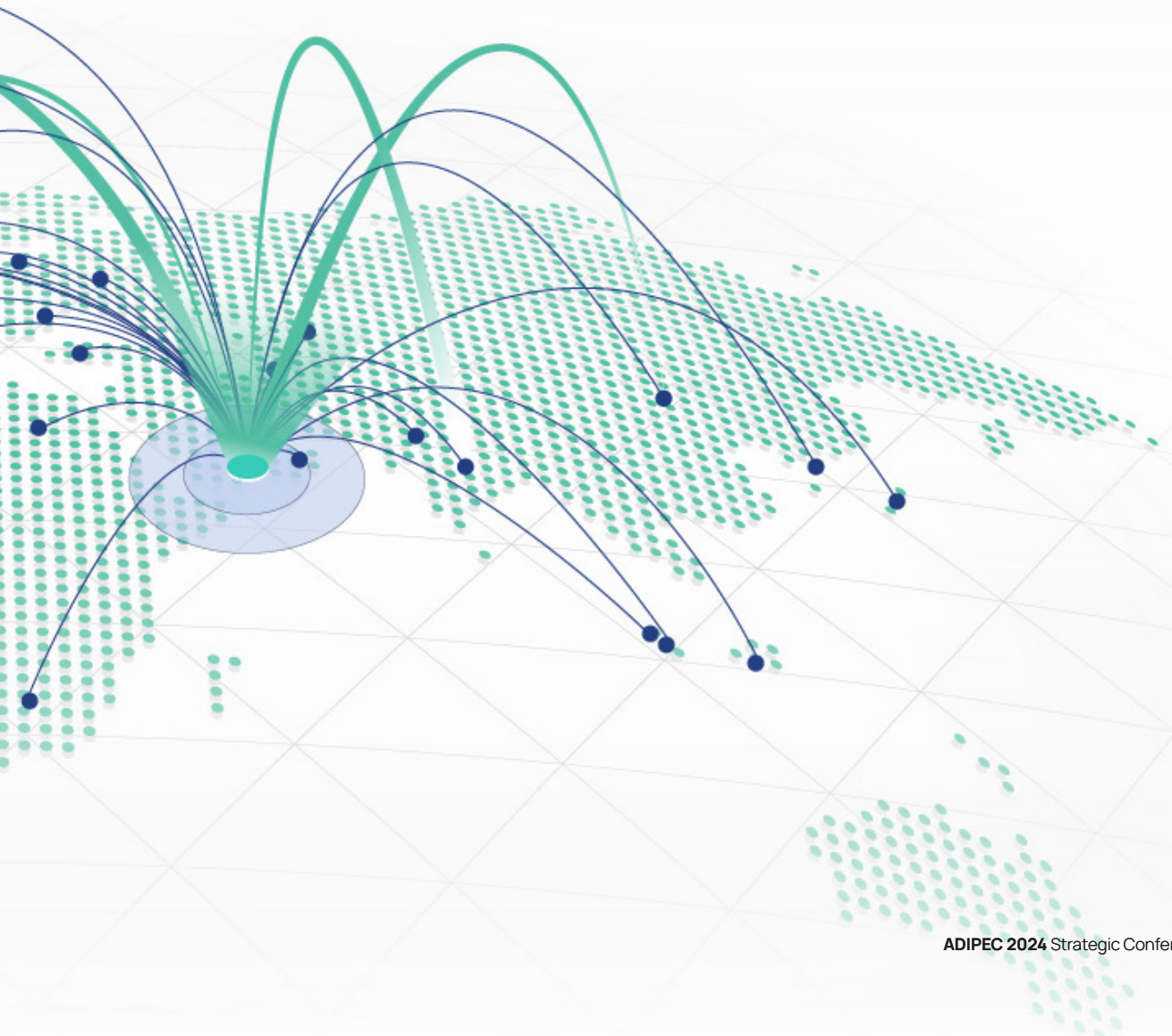
A platform for international collaboration

ADIPEC creates a unified, inclusive platform for the global energy ecosystem, with representation from around the world, enabling a deeper understanding of the unique and complex energy and climate challenges faced by communities across the globe.

The 30 dedicated country pavilions at ADIPEC will amplify diverse perspectives, spotlight innovative ideas and sustainable practices, provide a platform to forge game-changing global partnerships, and encourage unity around the common goal of delivering a fair and equitable transition.

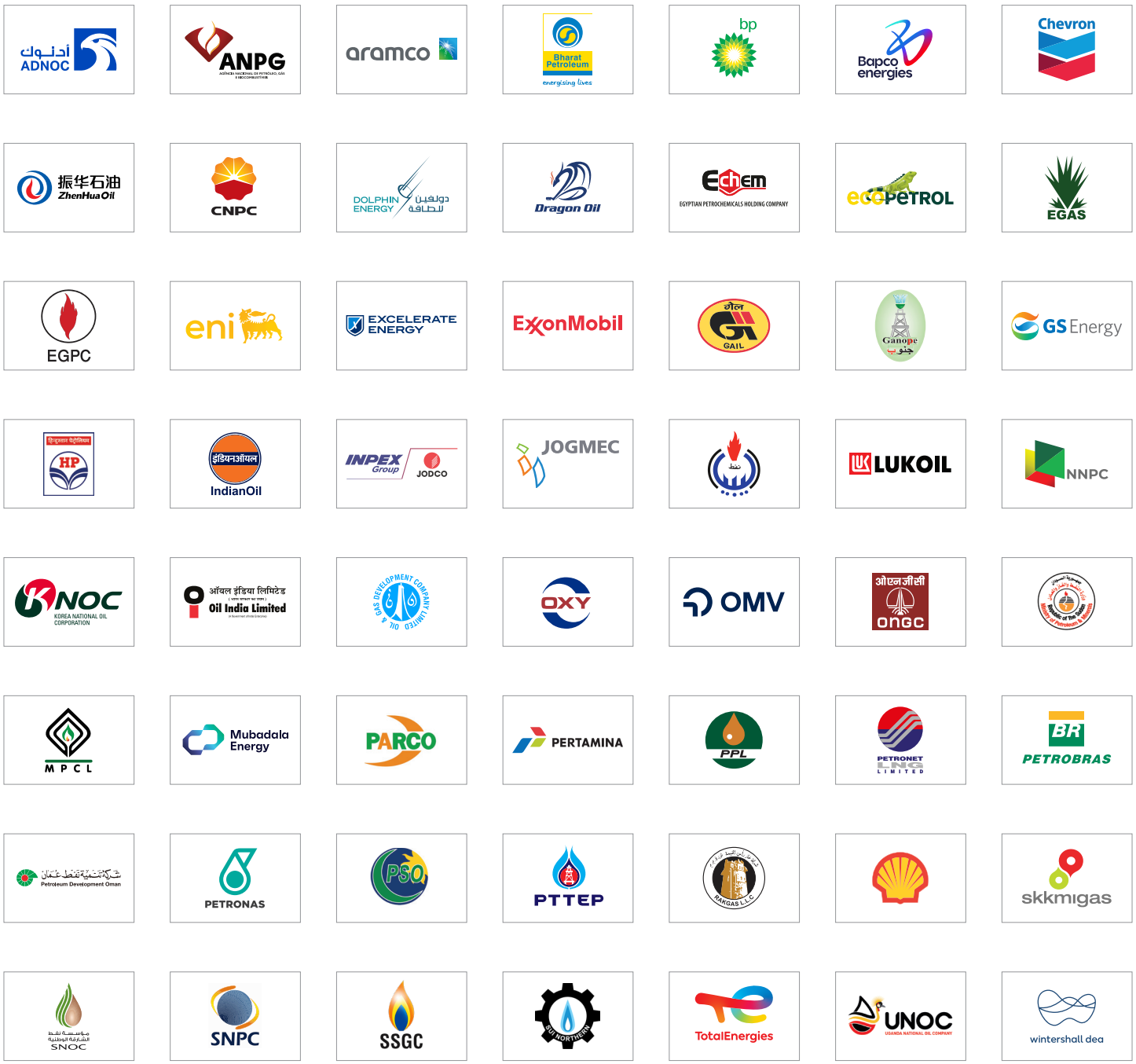
Country pavilions

- Brazil
- Belgium
- Canada
- Italy
- Japan
- Kazakhstan
- Romania
- Scotland
- Singapore
- Spain
- China
- Egypt
- France
- Malaysia
- Netherlands
- Norway
- South Africa
- South Korea
- Türkiye
- Algeria
- Germany
- India
- Indonesia
- Oman
- Pakistan
- Poland
- Turkmenistan
- UK
- USA



A platform for engagement between leading NOCs, IOCs, NECs and IECs

ADIPEC welcomes the participation of more than 54 international and national energy companies, offering a platform to showcase the latest innovations, technologies and solutions driving energy progress. Participants include:

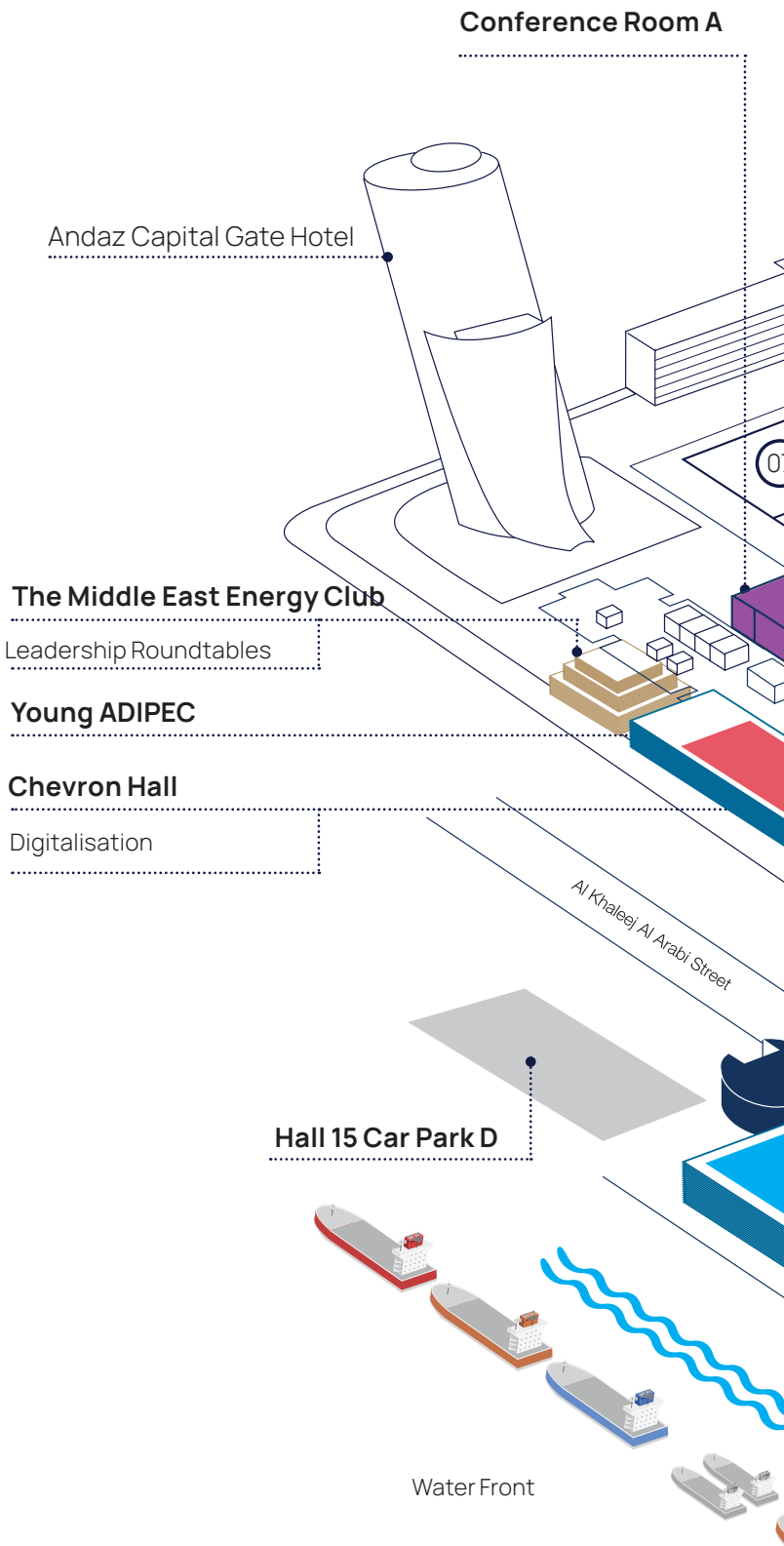


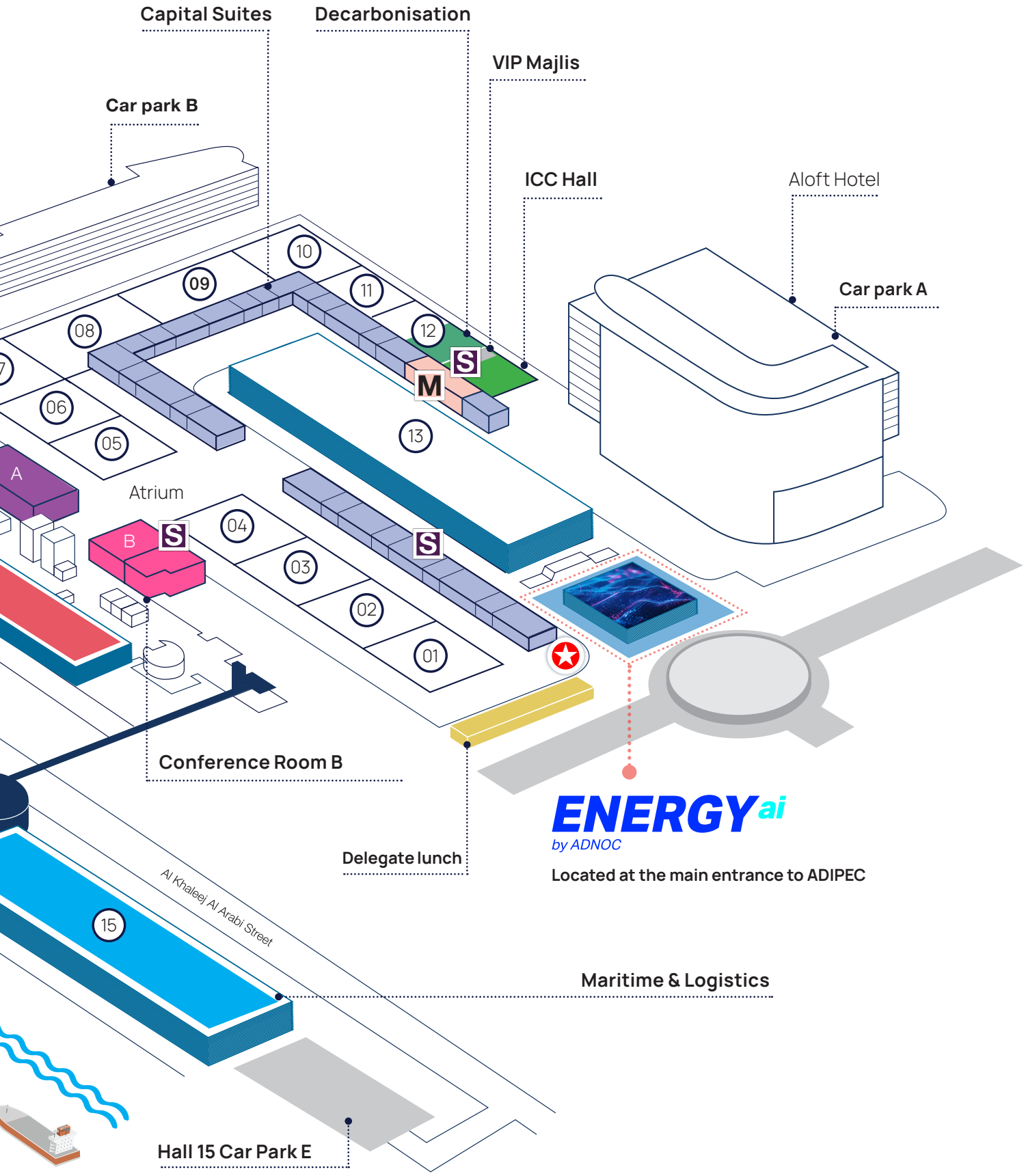
ADIPEC has evolved from an oil and gas event to a meeting of energy companies, consumers and companies with clean energy technologies to talk about tangible solutions and define the pathways against which we will address climate change issues.

Proscovia Nabbanja
CEO
UNOC

ADIPEC venue map

- 1 - 15 Exhibition Halls
- ADIPEC Booking Stand
- ICC Hall
- The Middle East Energy Club
- Conference Room A
- Conference Room B
- Decarbonisation
- Maritime & Logistics
- Digitalisation
- Young ADIPEC
- Capital Suites - Mezzanine level
- Delegate lunch
- M Media Centre
- VIP Majlis - ICC (Hall 12)
- S Speaker Room Locations
  - Near Conference Room B
  - Majlis
  - Capital Suite 6, Mezzanine Level (SPE speaker room)




Capital Suites
Decarbonisation
VIP Majlis
Car park B
ICC Hall
Aloft Hotel
Car park A
Atrium
Conference Room B
Delegate lunch
ENERGY ai
by ADNOC
Located at the main entrance to ADIPEC
Al Khaleej Al Arabi Street
Maritime & Logistics
Hall 15 Car Park E

All Access Pass

Gain access to over 370 sessions through the all access conference pass. Hear from for more than 1,800 speakers as they address the most urgent global energy challenges. Under two conference streams - Strategic and Technical - global experts will share their insights and approaches to achieving meaningful industry, climate, and business objectives.

Gain access to ALL of the following Conferences **US$6,505**

Strategic Conference

The Strategic Conference will convene the energy world's most influential voices, offering diverse perspectives and accelerating action to deliver a just and orderly transition.

Hydrogen Conference

Digitalisation & Technology Conference

Decarbonisation Conference

Voices of Tomorrow

Finance & Investment Conference

Maritime & Logistics Conference

Technical Conference

Downstream Technical Conference

Visit
or email to learn more.

Conference passes

All Access Conference 4-day Pass — US$6,505

Maximise your ADIPEC 2024 experience with the All Access Pass. Gain exclusive entry to over 370 sessions across 10 conferences and hear over 1,800 ministers, policymakers, CEOs and innovators, offering unparalleled strategic and technical insights.

- ✓ **Strategic Conference**
- ✓ Hydrogen Conference
- ✓ Decarbonisation Conference
- ✓ Finance & Investment
- ✓ Maritime & Logistics Conference
- ✓ Digitalisation & Technology Conference
- ✓ Voices of Tomorrow
- ✓ Technical Conference
- ✓ Downstream Technical Conference
- ✓ Delegate lunches
- ✓ Access to exhibition halls

Executive Pass — US$2,995

Gain access to ANY ONE of the following Strategic Conferences

Choose only one of the following
- Hydrogen Conference
- Decarbonisation Conference
- Finance & Investment

Plus
- ✓ Delegate lunches
- ✓ Access to exhibition halls

Innovator Pass — US$1,065

Gain access to ANY ONE of the following Strategic Conferences

Choose only one of the following
- Maritime & Logistics Conference
- Digitalisation & Technology
- Voices of Tomorrow

Plus
- ✓ Delegate lunches
- ✓ Access to exhibition halls

Technical Conference Pass

The ADIPEC Technical Conferences represent the largest technical meeting place for energy engineers and experts in the world. Gain invaluable insights, discuss the latest trends, innovations and best practices in the energy sector and enhance your skills and expertise at our technical conferences.

4-day Technical Conference Pass — US$1,750

Gain access to ANY ONE of the following Technical Conferences

Choose only one of the following
- Technical Conference
- Downstream Technical Conference

Plus
- ✓ Delegate lunches
- ✓ Access to exhibition halls

2-day Technical Conference Pass — US$1,640

Gain access to the Technical Conferences

Access to
- ✓ Technical Conference

Plus
- ✓ Delegate lunches
- ✓ Access to exhibition halls

SPE Members - Technical Pass

Preferential rates are available for SPE Members.
Contact us for further details at delegate@adipec.com

أديبك ADIPEC

Host

أدنوك ADNOC

4-7 November 2024 Abu Dhabi, UAE

Book your delegate pass

www.adipec.com/conferences

For exhibition enquiries

sales@adipec.com

Conference & delegate enquiries

delegate@adipec.com

Sponsorship enquiries

sponsorship@adipec.com

For general enquiries

enquiry@adipec.com

+971 2 4 444 909

brought to you by:

dmg events