

Host



Strategic Conference Programmes

- Strategic Conference
- Hydrogen Strategic Conference
- Decarbonisation Strategic Conference
- Maritime & Logistics Conference
- Forum for Diversity, Equity and Inclusion
- Manufacturing & Industrialisation Strategic Conference

Decarbonising.
Faster.
Together.

2-5 October 2023

Abu Dhabi, UAE

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Decarbonising. Faster. Together.

Taking place in Abu Dhabi from 2-5 October 2023, ADIPEC is the world's largest exhibition and conference, uniting the energy ecosystem towards 'Decarbonising. Faster. Together.'

Hosted by ADNOC, ADIPEC builds on its nearly 40-year legacy of innovation and evolution, to serve as an inclusive platform to accelerate the urgent, collective action and game-changing solutions needed to decarbonise quicker and future-proof our energy system.

The ADIPEC conference programme will connect the ideas, ambition, technology and capital to spark innovation, disruptive thinking and transformational change.

Across 350+ sessions curated to address some of the world's most pressing climate and energy challenges, more than 1,600 speakers will share diverse perspectives and approaches, forge collaborations and explore the strategies and innovations critical to accelerating a cleaner, more secure energy future. These voices will encompass key stakeholders from a wide range of industries and sectors, including tech, finance, government and private enterprise, in order to tackle crucial topics and solutions advancing energy progress.

10 Conferences

350+ Sessions

1,600+ Speakers

15,000 Delegates



ADIPEC is a powerful global platform that can help present the possibilities of a more inclusive approach by welcoming the solutions and skills of the energy industry today. //

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



ADIPEC 2023 Conferences overview

Energy markets are changing, driven by evolving micro and macroeconomic trends, transforming the way businesses operate and creating new pathways that drive innovation and sustainability. With the critical COP28 climate conference taking place in the UAE less than two months after ADIPEC, the event will act as a crucial forum for the entire energy value chain to address the most pressing issues around the security, affordability and sustainability of energy.

It is against this backdrop that the ADIPEC 2023 conference programmes will provide strategic and technical insights, hosting over 1,600 ministers, global policymakers and CEOs, and welcoming more than 15,000 delegates, to share diverse perspectives and explore the strategies and innovations critical to accelerating a cleaner, more secure energy future. These voices will encompass key stakeholders from a wide range of industries and sectors, including technology, finance, government and private enterprise, in order to tackle crucial topics and solutions, including the geopolitical factors influencing energy markets, new finance and partnership frameworks and the latest technical developments driving energy progress.

Strategic Conferences

□ Strategic Conference

The Strategic Conference will provide critical knowledge and insights on the solutions for change and transformational progress across the energy ecosystem. It will showcase how the industry is coming together to address and solve some of its biggest challenges and help shape the future of energy.

□ Hydrogen Strategic Conference

The Hydrogen Strategic Conference will gather the most influential leaders in the energy ecosystem to discuss the role of hydrogen in global economies, the latest technological breakthroughs, near-term and long-term strategies, and the actions required to scale the hydrogen economies of the future. Delivering on strategic, technical, and operational insights, the conference will provide the insights necessary to shape and accelerate continued growth of the hydrogen value chain.

□ Decarbonisation Strategic Conference

The Decarbonisation Strategic Conference will gather energy industry leaders, policymakers, governments, financial institutions and cross-sector industries to deliberate on the opportunities in a decarbonised future and the importance of new partnerships to unlock new value pools. In support of industry decarbonisation commitments, the conference will also host discussions on key topics around emissions abatement, clean energy technology, carbon tax, carbon capture, renewables, nuclear energy, battery storage, low-carbon solutions, circularity, energy efficiency and electrification.

□ Manufacturing & Industrialisation Strategic Conference

The Manufacturing & Industrialisation Strategic Conference will provide key insights on the role of manufacturing in building economies of scale and scope, the interdependencies between the manufacturing and energy sector, and the digital enablers accelerating growth for industrial readiness.

□ Maritime & Logistics Conference

The Maritime & Logistics Conference will bring together industry leaders in shipping and logistics to discuss decarbonisation, digital innovation and viable pathways toward sustainable shipping and resilient supply chains.

□ The ADIPEC Forum for Diversity, Equity and Inclusion

The Forum will focus on the challenges as priorities continue to change for the global workforce, redefining operating models that will deliver business performance in a sustainable energy system. Conversations around bias and inequalities, equal opportunities and representation as well as transparent leadership, will inform the discussion as policymakers, business leaders, organisations and the workforce navigate the changing dynamics of the energy industry workplace.

□ Future Leaders Programme

ADIPEC will bring together the world's future energy leaders, empowering them to work together, break out of their silos and unify around a common cause in pioneering the next phase of energy solutions. The Future Leaders Programme ensures that the new generation of leaders has a voice alongside the industry's decision-makers, making the energy transition more inclusive while advancing the development of the talent of tomorrow.



Technical Conferences

□ Technical Conference

The Technical Conference, organised by Society of Petroleum Engineers, brings together an unparalleled mix of the world's leading engineers and experts from across the energy value chain. Connecting the industry's changemakers, the Technical Conference fosters the sharing of deep knowledge, cutting-edge technologies and technical expertise, sparking the innovations needed to create tangible, collective solutions towards a secure and sustainable energy future.

□ Downstream Technical Conference

The Downstream Technical Conference promotes the exchange of best practice, drives innovation and unlocks market opportunities for investment and growth that will help refining and petrochemical operators navigate the shifting energy demand through collaboration and partnerships. In 2023, the conference will continue to bring together downstream leaders, experts and innovators from across the energy industry to share the latest strategies, technologies and best practice on operational transformation, circularity, energy efficiency, hydrogen capabilities and talent management.

□ Manufacturing & Industrialisation Technical Conference

The Manufacturing & Industrialisation Technical Conference will showcase the latest innovations in technology across the entire manufacturing cycle. The conference will ignite key discussions on how technologies can accelerate industrial decarbonisation, helping business leaders make better-informed decisions with intelligent data, automated operations and digital tools.

LEARN MORE ABOUT THE ADIPEC
2023 CONFERENCES

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adipec.com/conferences

Strategic Conference programme overview

The world is adapting to change on many disparate fronts, from geopolitical conflict to tackling the climate challenge, highlighting how external events will shape and reshape the energy transition.

The collective intensity of issues the energy industry has had to face over the last 12 months has forced it to think differently about how we access secure, affordable and sustainable energy sources. It has forged new energy trading patterns, business and technology partnerships, and has brought forward innovative and far-reaching policy mandates, incentivising investment in low carbon energy sources and the deployment of climate technology solutions.

The emergence of this new and evolving energy system will test the resilience of businesses engaged in a fundamental transformation to decarbonise their legacy operations, while developing low carbon and green solutions and services. Digital technologies and capabilities will be at the core of delivering this strategic change to operations. With this comes the need to attract, retain and train the workforce required to implement effective change.

COP28 will be a pivotal moment for the energy transition. At the crossroads of North, South, East and West, it will provide a platform to engage in climate discussions and solutions for all energy industry stakeholders. Dialogue will focus on the transformational progress needed to produce the tangible results the world requires.

Over four days of informed debate, exchanging knowledge, ideas and conducting business, ADIPEC 2023 will mobilise the experience, expertise and resources of a responsible energy industry to address the challenge of driving sustainable economic progress while holding back emissions.

Taking place shortly before COP28, ADIPEC 2023 will connect policy, people, technology and capital to accelerate the next phase of the energy transition; bringing together diverse energy industry stakeholders in a forum that will quicken industry action to decarbonise faster, future-proof sooner and create the energy system of the future, today.



ADIPEC 2023 will be a progressive force for energy transformation and leadership. It will unite the expanding and increasingly diverse world of energy and help us work together to transform, decarbonise and future-proof our industry, by accelerating the innovation and tangible actions needed to enable a lower-carbon and higher-growth future for the world. //

Tayba Al Hashemi

CEO

ADNOC Offshore and Chair, ADIPEC 2023



Confirmed speakers at the Strategic Conferences include:



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



**His Highness
Sh. Nasser bin
Hamad Al Khalifa**
Chairman
Bapco Energies



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



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



**His Excellency
Hardeep Puri**
Minister of Petroleum and
Natural Gas & Housing and
Urban Affairs
India



**His Excellency
Iwata Kazuchika**
State Minister of Economy, Trade
and Industry
Japan



**His Excellency
Eng. Zafer Melhem**
Minister of Energy and Natural
Resources – Palestinian Energy
Authority Chief
Palestine



**His Excellency
Dr. Omar Farouq Ibrahim**
Secretary General
APPO (The African Petroleum
Producers' Organization)



**His Excellency
Sebastian-Ioan Burduja**
Minister of Energy
Romania



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



**His Excellency
Parviz Shahbazov**
Minister of Energy
Azerbaijan



**His Excellency
Ashyrguly Begliev**
Advisor to the President on Oil & Gas
Turkmenistan



**Honourable
Vickram Bharrat M.P.**
Minister of Natural Resources
Guyana



**Honourable
Cheikh Niane**
Deputy Minister, General Secretary of the
Ministry of Petroleum and Energy
Senegal



**Honourable
Dr. Ruth Nankabirwa
Ssentamu**
Minister of Petroleum and Mineral
Development
Uganda



**Honourable
Ibrahim Uwizeye**
Minister of Hydraulics
Energy and Mines
Burundi



**His Excellency
Abdoulie Jobe**
Minister of Petroleum and
Energy
The Gambia



**His Excellency
Nani Chrougha**
Minister of Petroleum
Mines and Energy
Mauritania



Wael Sawan
CEO
Shell



Patrick Pouyanné
Chairman and CEO
TotalEnergies



Murray Auchincloss
Interim CEO
bp



Vicki Hollub
President and CEO
Occidental



Claudio Descalzi
CEO
ENI



**Tengku Muhammad
Taufik**
President and
Group CEO
PETRONAS



Martin Helweg
CEO
P&O Maritime Logistics



Dr. Alex Karp
Co-Founder and CEO
Palantir Technologies



Olivier Le Peuch
CEO
SLB



Jeff Miller
President and CEO
Halliburton



Antonio Pietri
President and CEO
AspenTech



Takayuki Ueda
President and CEO
INPEX



**Lord John Browne
of Madingley**
Chairman
BeyondNetZero



Ahmed Mohamed Alebri
CEO
ADNOC Gas



Dwi Soetjipto
Chairman
SKK Migas



Joseph McMonigle
Secretary General
International Energy Forum



Mansoor Mohamed Al Hamed
CEO
Mubadala Energy



Alessandro Puliti
CEO
Saipem



Dr. Ernest Moniz
CEO and President
EFI Foundation



Ashraf Al Ghazzawi
EVP, Strategy & Corporate
Development
Aramco



Vartika Shukla
Chairman and Managing Director
Engineers India Limited



Jasim Thabet
Group CEO and
Managing Director
TAQA



Arun Kumar Singh
Chairman and CEO
ONGC



Hadi Hallouche
CEO of Puma Energy
Trafigura Group



**Her Excellency
Leila Benali**
Minister of Energy Transition &
Sustainable Development
Morocco



**His Excellency
Haitham al-Ghais**
Secretary General
OPEC



**His Excellency
Davis Chirchir**
Cabinet Secretary for Energy and
Petroleum
Kenya



**Senator The Hon.
Lisa Cummins**
Minister of Energy and Business
Development
Barbados



**His Excellency
Dr. Alparslan Bayraktar**
Minister of Energy and Natural
Resources
Türkiye



**His Excellency
Dr. Saleh Al Kharabsheh**
Minister of Energy &
Mineral Resources
Jordan



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



**Her Excellency
Belinda Balluku**
Deputy Prime Minister and
Minister of Infrastructure and Energy
Albania



**Her Royal Highness
Princess Dr. Moradeun Ogunlana**
Founder and CEO
AWHPI Global Foundation



**Rt. Hon. Obongemem
Ekperikpe Ekpo**
Honourable Minister of State (Gas)
Petroleum Resources
Federal Republic of Nigeria



**Senator
Heineken Lokpobiri**
Honourable Minister of State
Petroleum Resources (Oil)
Federal Republic of Nigeria



**Honourable
Edgar Moyo**
Minister of Energy and Power
Development
Zimbabwe



**His Excellency
Dr. Abdirizak Omar
Mohamed**
Minister of Petroleum and
Mineral Resources
Federal Government of Somalia



**His Excellency
Francisco da
Costa Monteiro**
Minister of Petroleum and
Mineral Resources
Timor-Leste



**Honourable
Herbert Krapa**
Deputy Minister for Energy
Ghana



**Her Excellency
Aissatou Sophie Gladima**
Minister of Petroleum and Energy
Senegal



**The Honourable
Matt Jones**
Minister of Jobs, Economy
and Trade
**Government of Alberta
Canada**



**His Excellency
Osama Mobarez**
Secretary General
**East Mediterranean Gas
Forum**



Dr. Roland Busch
CEO
Siemens AG



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



Anders Opedal
President and CEO
Equinor



Alfred Stern
CEO
OMV



Lorenzo Simonelli
CEO
Baker Hughes



Douglas Pferdehirt
CEO
TechnipFMC



Tomasz Wiatrak
Chairman of the Board of
Directors and CEO
ORLEN Unipetrol



Ichiro Takahara
Chairman and CEO
JOGMEC



Girish Saligram
President and CEO
Weatherford



Caspar Herzberg
CEO
AVEVA



Akshay Kumar Singh
Managing Director and CEO
Petronet LNG



Phil Caldwell
CEO
Ceres Power



Håkan Agnevall
President and CEO
Wartsila



Mele Kolo Kyari
Group CEO
NNPC Limited



Proscovia Nabbanja
CEO
**Uganda National Oil Company
(UNOC)**



Montri Rawanchaikul
CEO
PTTEP



Thomas Gangl
CEO
Borealis



Alessandro Bernini
CEO
MAIRE



Sophie Hildebrand
CTO
ADNOC



Meg Gentle
Executive Director
HIF Global



Bill Vass
VP, Engineering
AWS



Liam Mallon
President Upstream
ExxonMobil



Gordon Birrell
EVP, Production and Operations
bp



Lucien Boldea
President
Honeywell PMT

Ministerial Panel



HE Suhail Mohamed Al Mazrouel
Minister of Energy and Infrastructure
United Arab Emirates



HE Shri Hardeep Singh Puri
Minister of Petroleum and Natural Gas
Minister of Housing and Urban Affairs, India



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



Strategic Conference themes

The ADIPEC 2023 Strategic Conference programme will provide critical insights on the following themes:

Transforming the global energy system to create better energy security

Disruption to the global energy system has resulted in a complex and diverse set of challenges spanning the global economy. Today's energy system must transform to enable choice in energy sources while creating opportunities for new partnerships and supply routes. Much of the developed and developing world will need to evolve policy and activate direct government intervention to drive energy security through variety and volumes, to tackle energy affordability and to accelerate access to sustainable new energy sources - all at the same time.

Global decarbonisation and energy transition: the role of the energy industry in the climate roadmap

Hosted by the United Arab Emirates in 2023, COP28 will provide a pivotal platform for energy leaders to focus on energy supply challenges, decarbonisation and transparent emissions reporting in the global stocktake of the Paris Agreement goals. An equitable and inclusive energy transformation will require time, investment, supportive policy and behavioural changes across the energy value chain from producers to end-users. Global society expects energy industry leaders to be bold in demonstrating their strategic commitments and capabilities around reduced emissions and net-zero targets, while engaging essential talent, ingenuity, capital and engineering expertise.

Mobilising finance and investment for a secure energy future

To deliver net-zero ambitions, companies and governments must do more to attract the capital required to match the growing demand for existing fossil fuel projects as well as low carbon energy solutions and services. High cash flow returns in the energy sector create the opportunity to invest in low carbon programs, develop new energy services and enter new markets. Climate investment will need to increase by three to six times today's levels to address the required global emissions reductions, support developing countries in their energy adaptation needs, and scale-up available green financing.



Special Presidential Coordinator
Amos Hochstein
United States of America

Decarbonising. Faster. Together.

Creating cross-sector industry participation and collaboration: developing a zero-carbon value chain

The path to net-zero by 2050 requires multi-stakeholder collaboration between energy suppliers and energy consumers. This is critical for heavy industry sectors like aluminum, aviation, chemicals, concrete, shipping, steel and trucking. New partnerships - not polarisation - will be needed to enable the services and solutions required to tackle emissions and drive efforts to find and implement the right decarbonisation technologies.

The emerging and critically important industrialisation of new energy solutions and technologies

Investment and technology innovation will need to be incentivised to address climate, energy security and industrial agendas. This will open opportunities for partnerships in advancing an affordable, resilient and lower carbon energy future while accessing the economic growth created by a new energy system. Digital technologies and capabilities will need to be built into the core of business operations in order to transform business and operating models, including hydrogen, CCUS, direct air capture, methane emissions reduction and electrification.

The talent landscape transformation: attracting the right people to ensure continued success during the energy transition and beyond

It is estimated the energy transition will create 14 million new jobs in clean energy technologies and drive the migration of nearly five million workers away from fossil fuel sectors. The energy industry is reinventing its reputation as a primary instigator of climate change to that of an impactful leader in creating a cleaner, low emission energy future. This agenda of innovation and change will enhance the industry's ability to attract the digitally savvy talent required to address the challenge of maximum energy with minimum emissions.



OPENING CEREMONY

DAY 1
Monday 2 October 2023
10:00 – 12:00
ICC Hall
BY INVITATION ONLY

Fast Tracking the Energy Transition: innovative new policies and a more inclusive approach

Achieving mid-century net zero emissions requires extensive commitments and policy initiatives by governments. It also requires a holistic approach that brings together energy producer, major emitters, and policy-makers.

Only with innovative new policies and an inclusive approach can the world urgently accelerate the energy transition in an orderly, just and equitable way that secures energy supply and meets emissions goals. All governments across the world will need to deploy more groundbreaking policies to promote innovations, drive collaboration and investments needed to facilitate the commitment to a low carbon future by holding back emissions and not economic progress. They also need to have an honest conversation about what it will take to deliver a responsible and just transition where no one is left behind.

OPENING CEREMONY
Speakers:


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



**His Excellency
Haitham al-Ghais**
Secretary General
OPEC



**His Excellency
Dr. Alparslan
Bayraktar**
Minister of Energy and
Natural Resources
Türkiye

Moderator:


John Defferios
Professor of Business
New York University
Abu Dhabi



**His Excellency
Sebastian-Ioan
Burduja**
Minister of Energy
Romania

KEYNOTE ADDRESS

12:00 - 12:15
ICC Hall

Towards a more sustainable future - Vision and strategy for Bahrain's net zero journey

To reach net zero by 2060, Bahrain's National Energy Transition Plan has set out ambitious objectives to accelerate the pace of decarbonisation in the Kingdom. Included in these objectives is the quadrupling of the share of renewables in the energy mix by 2030 which will require a major overhaul of existing grid infrastructure.

Speaker:


**His Highness
Shaikh Nasser bin
Hamad Al Khalifa**
Chairman
Bapco Energies

KEYNOTE ADDRESS

Attendee insights

In this keynote address, His Highness Shaikh Nasser bin Hamad will share his vision for the transformation of Bahrain's energy system and its role in fuelling growth and diversification in the Kingdom.





MINISTERIAL PANELS

Global ministers, policymakers and decision makers will share their insights on geopolitics, global economies, climate, sustainability and the journey to Net Zero.

DAY 1

Monday 2 October 2023

MINISTERIAL PANEL

12:15 – 13:00

Location: ICC Hall

Navigating energy and geopolitics in the new world order

Energy security remains a global concern; global trading patterns have changed; and a different supply map is emerging with new bilateral agreements in place whilst governments are dealing with the issues of security and sustainability. Events in Europe will leave their mark for decades to come, with the US supplying energy to Europe, and Russia re-routing its supplies to the East. Without a doubt, we are witnessing a major energy market transformation and the beginnings of a new energy system, with the acceleration of policies, such as the US' Inflation Reduction Act and Europe's Green Deal.

Attendee insights

Global leaders will discuss the transformation of the energy system, policies and strategies that are changing how the world produces and uses energy and how to manage the intricacies of the energy crunch vs. energy transition. Discussions will also focus on how the energy supply map is shifting and the resilience of the global energy system.

Speakers:



Honourable Ruth Nankabirwa Ssentamu
Minister of Energy and Mineral Development
Uganda



Joseph McMonigle
Secretary General
International Energy Forum



Pankaj Jain
Secretary, Ministry of Petroleum & Natural Gas
India

Moderator:



Becky Anderson
Managing Editor
CNN International

DAY 2

Tuesday 3 October 2023

MINISTERIAL PANEL

09:00 – 10:00

Location: ICC Hall

Global partnerships: a critical agenda to solve the energy crisis

Geopolitical events in Europe have forced the energy industry to take immediate actions to address shifting global energy needs that have compromised transition strategies. As the immediate impacts of Europe's energy crisis are absorbed, it is clear collaboration between governments, sectors and companies is vital to bring about the policies, technologies, infrastructure and the investment necessary to enable a full decarbonisation of the energy systems, thus promoting economic growth, energy security, affordability and sustainability.

Attendee insights

A strategic and policy-driven session about what the future holds for the energy industry and how governments are addressing the global energy crisis through safeguarding policies against geopolitical uncertainty and market disruptions.

Speakers:



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



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



Honourable Herbert Krapa
Deputy Minister for Energy
Ghana

Moderator:



Daniel Yergin, Ph.D.
Vice Chairman
S&P Global

MINISTERIAL PANEL

10:00 – 11:00

Location: ICC Hall

The road to COP28: climate, sustainability and an equitable transition

COP28 will be pivotal in advancing the global climate dialogue, providing a call to action to all sectors to act together, create partnerships, and find clear and viable solutions to tackle climate change. Global energy leaders will have to balance the challenges of achieving net-zero targets by 2050 with the need for short-term energy security and affordability, highlighting the growing importance of the Global South in a more equitable and just transition. This ambition must now accommodate the challenges of recent months to the existing energy system.

Attendee insights

A must-attend session to understand the critical role of the oil and gas industry in the energy transition, the progress of the global stocktake, and how the energy system can influence the debate around commercially viable climate solutions.

Speakers:



His Excellency Osama Mobarez
Secretary General
East Mediterranean Gas Forum



Senator The Hon. Lisa Cummins
Minister of Energy and Business Development
Barbados



His Excellency Dr. Abdirizak Omar Mohamed
Minister of Petroleum and Mineral Resources
Federal Government of Somalia
Moderator:



His Excellency Francisco da Costa Monteiro
Minister of Petroleum and Mineral Resources
Timor-Leste



Honourable Cheikh Niane
Deputy Minister, General Secretary of the Ministry of Petroleum and Energy
Senegal



Lubna Bouza
Editor in Chief
Business News
Sky News Arabia



STRATEGIC PANEL SESSIONS

Global CEOs, industry experts and influencers will discuss the important trends around the future of energy, solutions for a lower-carbon energy world, and the industry trilemma of security, affordability and sustainability.

DAY 1

Monday 2 October 2023

STRATEGIC PANEL

13:00 – 14:00

Location: ICC Hall

Actions for a net-zero world: solving the current energy trilemma

A net-zero world will see multiple energy sources being integrated, at the same time as the emergence of global markets in Asia and the Middle East. Creating a cost-competitive portfolio will require a multitude of strategies and creative solutions, where major companies must prepare to meet investor and consumer expectations and deliver net-zero pledges. Companies will also need to create resilient workforces as well as secure the finance and investment needed to build successful new operating models. As the industry moves from net-zero pledges to decisive actions, what does it need to do to ensure sustainable, secure and affordable energy, while continuing to create shareholder value?

Attendee insights

Hear first-hand from energy leaders on the solutions required to mitigate challenges around the energy trilemma, whilst meeting Paris Agreement goals.



Vicki Hollub
President and CEO
Occidental

Speakers:



Wael Sawan
CEO
Shell



Patrick Pouyanné
Chairman & CEO
TotalEnergies



Murray Auchincloss
Interim CEO
bp



Claudio Descalzi
CEO
ENI



Tengku Muhammad Taufik
President and Group CEO
PETRONAS



Steve Sedgwick
Presenter & Anchor
CNBC

Moderator:

STRATEGIC PANEL

14:00 – 15:00

Location: ICC Hall

The reinvention of new asset and portfolio models: the renaissance of resilience

With pressures to decarbonise, amplified market volatility, rising inflation and evolving regulatory policies, business resilience continues to be tested. In order to build robust business models, companies must anticipate future opportunities as well as redesign their operations to build greater competitive advantage. These new business and operating models must incorporate the technological advances, skills evolution and new asset portfolio choices that will equip them for future success.

Attendee insights

Global CEOs will share insights into their business strategies and how they are reinventing their operating models to become more resilient amidst volatile market conditions and the need to meet common net-zero objectives.



Lorenzo Simonelli
CEO
Baker Hughes

Speakers:



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



Anders Opedal
President and CEO
Equinor



Alfred Stern
CEO
OMV



Takayuki Ueda
President and CEO
INPEX



Olivier Le Peuch
CEO
SLB



Dan Murphy
Anchor & Correspondent
CNBC

Moderator:

STRATEGIC PANEL

15:00 – 16:00

Location: ICC Hall

Transforming upstream operations to secure lower carbon value chains

If energy companies are to meet the need for more energy with lower carbon emissions and navigate through constant market volatility, a transformation of the industry's upstream operations are required. New investment, technology and optimisation of operations can help solve some of the biggest challenges to thriving in the near-term, and create bold change for future success. Technologies such as electrification, CCUS, emissions detection and management and other climate technology solutions can support companies in accelerating their lower-carbon strategies and creating new market opportunities for growth.

Attendee insights

Understand how upstream businesses are balancing their portfolios to meet net-zero targets and what strategies are being developed to help them achieve this, including solving the emissions challenge.

Speakers:



Jeff Miller
President and CEO
Halliburton



Girish Saligram
President and CEO
Weatherford



Liam Mallon
President Upstream
ExxonMobil



Gordon Birrell
EVP, Production and
Operations
bp



Datuk Adif Zulkifli
EVP & CEO Upstream
PETRONAS



Ed Crooks
Vice Chairman
Americas
Wood Mackenzie

Moderator:



DAY 1

Monday 2 October 2023

STRATEGIC PANEL

16:00 – 17:00

Location: ICC Hall

The ever-changing landscape of the downstream industry: demand vs. decarbonisation of value chains

With public and investor concerns over how the energy industry is reducing emissions and setting goals for net-zero targets, coupled with the full decarbonisation of value chains and immediate reduction of Scope 1, 2 and 3 emissions, the downstream industry is faced with challenges that cannot be overlooked in the short or long-term. Electrification, improving energy efficiency and developing CCUS can help mitigate some of these issues and investments are being made to incorporate this, but a long road ahead remains until full emissions mitigation is completed. Is collaboration and integration with industry and upstream the key to faster decarbonisation of petrochemicals and refinery operations and how will these new partnerships impact investments in products, margin optimisation and meeting customer demand?

Attendee insights

Understand how the downstream industry is strategising to decarbonise operations, the importance of downstream in addressing value chain decarbonisation and the ongoing product / market volatility vs. investment needs.

Speakers:



Alessandro Bernini
CEO
MAIRE



Lucian Boldea
President & CEO
Honeywell Performance
Materials & Technologies



Ahmed El-Hoshy
CEO
Fertiglobe and
OCI Global



João Henrique Rittershausen
Member of the Board &
VP, Digital Technologies
Investments and
Knowledge Management
Braskem



Dr. Steven F. Stanley
Chief Commercial Officer
LanzaTech



Alberto Giovanzana
COO, Catalyst Technologies
Johnson Matthey



John Defferios
Professor of Business
New York University
Abu Dhabi

Moderator:

DAY 2

Tuesday 3 October 2023

STRATEGIC PANEL

11:00 – 12:00

Location: ICC Hall

How to fast track finance and prioritise investments for the energy transition

If the world wants to keep its 2050 net-zero goals on track, substantial amounts of investment will be required. Companies will need to invest in clean energy projects across industry sectors, and have a smart, consistent investment strategy, which ensures returnable profits, delivers the industry's ambition of net-zero and meets ESG expectations. In addition, sustainable green finance must progress, particularly in developing countries, where investments in hydrocarbon projects still support the national economy and provide access to electricity, power and other much needed resources to the population.

Attendee insights

Hear from private companies, governments and investors on how they are prioritising investment opportunities, the actions being taken to fast track and increase investment in this transition and what requirements are needed from an investor, lender, government and private company's perspective.

Speakers:



Lord John Browne
of Madingley
Chairman
BeyondNetZero



Dr. Pratima Rangarajan
CEO
Climate Investment



Thomas Storch
Managing Director
Affinity Partners



Martijn Rats
Global Commodities
Strategist & Head of
European Energy
Equity Research
Morgan Stanley



Niall Hannigan
Chief Financial Officer
Masdar



Becky Anderson
Managing Editor
CNN International

Moderator:

STRATEGIC PANEL

12:00 – 13:00

Location: ICC Hall

Cross-sector partnerships: overcoming barriers to reduce emissions

Reducing emissions is one of the toughest challenges for fossil fuel companies, and across many other industries, in particular, heavy industry sectors, which require further technology and investment for their decarbonisation. These industries cannot meet ambitious climate goals without further emissions reductions, clearly illustrating the importance of cross-sector partnerships to achieve this common goal. However, high material costs, carbon taxing and a lack of infrastructure developments may create challenges that would mean that even with the right alliances and collaboration in place, a full value chain decarbonisation would still not be possible in the timeframes agreed.

Attendee insights

Understand how industries are collaborating and forming strategic alliances to address one of the biggest energy transition challenges: value chain and decarbonisation of heavy industry sectors. Gain insights from industry leaders on their strategies and identifying the right opportunities for partnerships and collaboration.

Speakers:



Vartika Shukla
Chairman and Managing
Director
Engineers India Limited



Ibrahim N Al Zu'bi
Chief Sustainability Officer
ADNOC



Thomas Gangl
CEO
Borealis

Moderator:



Vijay Nirani
Founder and Managing
Director
TruAlt Bioenergy Limited



Pattabi Seshadri
Managing Director & Senior
Partner, Global Leader,
Energy Practice
BCG

Javier Doblas
Partner
Boston Consulting Group

Ahmed El-Hoshy
CEO
OCI N.V. and Fertiglabe

Jane Toogood
Chief Executive
Catalyst Technologies
Johnson Matthey

Dr. Nikunj Gupta
VP - Hydrogen Studies
ADNOC

Paul Bogers
VP - Hydrogen
Shell

By: **dmg::events**

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13:00 – 14:00

Location: ICC Hall

Gas and LNG: driving energy security and sustainability goals

Natural gas and LNG will play an increasingly important role in the energy transition as the industry continues to move towards lower carbon fuels and cleaner energy solutions. Energy security will have a critical role in the future of this fuel as governments prioritise gas and LNG imports to ensure stable supplies that can also be used as a lower carbon fuel in hard-to-electrify industries. In Asian markets, specifically in Japan and China, gas and LNG consumption will likely continue to increase, meaning higher competition for supply between Europe and Asia.

STRATEGIC PANEL

Attendee insights

Gain insights about the latest gas and LNG market dynamics, what they mean for future energy supply and the role natural gas will have in the energy transition and beyond.

Speakers:



Dwi Soetjipto
Chairman
SKK Migas



Akshay Kumar Singh
Managing Director and CEO
Petronet LNG



Ahmed Mohamed Alebri
CEO
ADNOC Gas

Moderator:



Mansoor Mohamed Al Hamed
CEO
Mubadala Energy



Alessandro Puliti
CEO
Saipem



Cederic Cremers
EVP - LNG
Shell



Michael Stoppard
Senior Advisor & Global Gas
Strategy Lead
S&P Global

14:00 – 15:00

Location: ICC Hall

Decarbonising energy systems with sustainable fuels: where, how and when?

Industry forecasts expect demand for sustainable fuels to increase as transportation sectors such as aviation, shipping and automotive require them to decarbonise. Investment and attractive regulatory frameworks are needed to incentivise their development both in terms of technology and consumer demand. Technology is advancing, but how quickly and at what cost can it be deployed? Meanwhile, cross-sector collaboration is increasing, facilitating partnerships for investment and developments. The benefits in the long-term are vast. However, there is still a long way to go for these fuels to become preminent.

STRATEGIC PANEL

Attendee insights

Understand the growing demand for sustainable fuels, how they can help heavy industry sectors decarbonise and what incentives need to be put in place to fast track their adoption.

Speakers:



Tomasz Wiatrak
Chairman of the Board of Directors and CEO
ORLEN Unipetrol



Phil Caldwell
CEO
Ceres Power



Meg Gentle
Executive Director
HIF Global

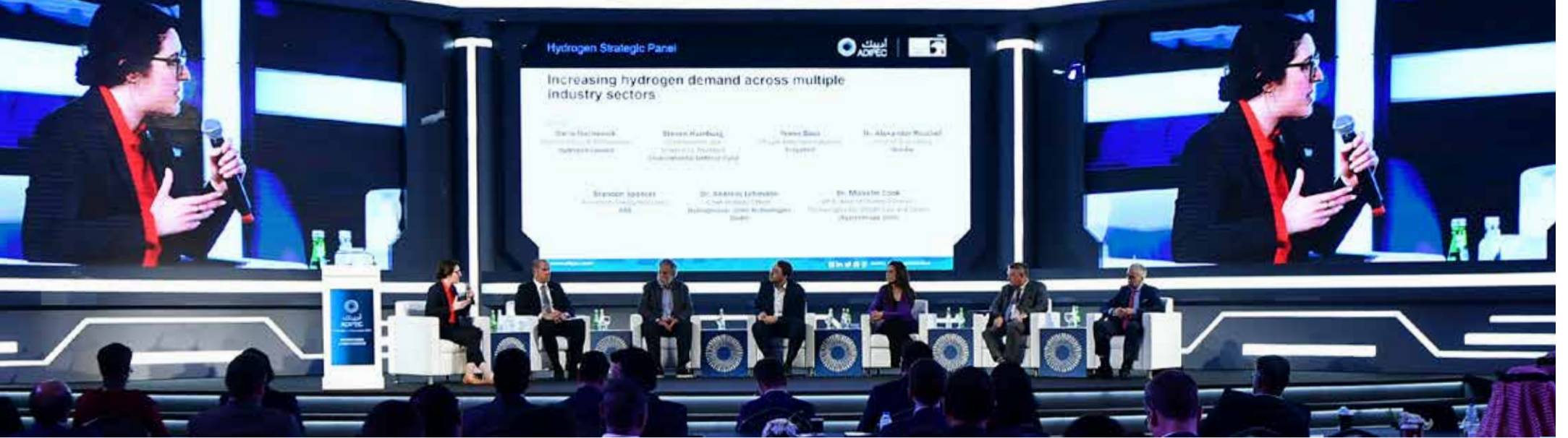
Moderator:



Anne-Laure de Chamard
Member of the Executive Board
Siemens Energy



Amena Bakr
Deputy Dubai Bureau Chief & Chief Opec Correspondent
Energy Intelligence



DAY 3

Wednesday 4 October 2023

STRATEGIC PANEL

10:00 – 11:00

Location: ICC Hall

Scaling up technology for an efficient and sustainable transition

Technology is one of the key enablers of the energy transition, supporting industries, businesses and governments to decarbonise operations and find efficient solutions to mitigate emissions and improve performance across value chains. Lower carbon technology solutions for storage, CCUS, hydrogen, methane emissions and electrification, are being developed globally, but still require sufficient infrastructure along with the regulatory frameworks that will really accelerate widespread deployment. How can digital technologies, such as the Internet of Things, AI, big data and blockchain create solutions and efficient platforms for companies to increase energy efficiency and adopt an integrated system to help improve operations and create new business models to deliver on climate goals?

Attendee insights

A must-attend session that will gather industry experts and technology innovators to discuss the critical role of technology as an enabler of the energy transition, what is needed to scale up crucial innovations and the role of business and governments in collaborating and fast tracking its adoption.



Håkan Agnevall
President and CEO
Wärtsilä Corporation

Speakers:



Antonio Pietri
President and CEO
AspenTech



Douglas Pferdehirt
CEO
TechnipFMC



Caspar Herzberg
CEO
AVEVA



Sophie Hildebrand
CTO
ADNOC



Bill Vass
VP, Engineering
AWS



Dr. Carole Nakhle
CEO
Crystal Energy

Moderator:

STRATEGIC PANEL

11:00 – 12:00

Location: ICC Hall

Trade and supply chains: rethinking strategies for energy security and an effective transition

In recent years, markets have experienced extreme volatility affecting the energy and commodities sectors. Whilst trade facilitates the export of goods and services critical for businesses and societies, secure and resilient supply chains are essential for an effective transition. Global standards to support innovation and create diversity will boost demand, lower costs, encourage greater flexibility and incentivise innovation within the industry.

Attendee insights

Industry experts will discuss the future of globalisation, trading and supply chains, how to navigate through market volatility and create successful, sustainable and resilient supply chains.

Speakers:



Martin Helweg
CEO
P&O Maritime Logistics



Ichiro Takahara
Chairman and CEO
JOGMEC



Ken Gilmartin
CEO
Wood



Berislav Gašo
Executive Vice President
Energy
OMV



Dr. Carole Nakhle
CEO
Crystal Energy

Moderator:



ENERGY TALKS

ADIPEC 2023 will include a series of high profile, in-depth interviews with global industry CEOs, government leaders and industry experts, conducted by prominent anchors and moderators.

DAY 1
Monday 2 October 2023
14:00 - 14:25
Location: Conference Room B
ENERGY TALK

Maintaining a stable global energy market

With external geopolitical factors impacting the global energy landscape, a greater focus on stability and security of supply is needed by OPEC and OPEC+ countries, which control 80.4% of the world's proven oil reserves. In this Energy Talk, His Excellency Suhail Mohamed Al Mazrouei, Minister of Energy and Infrastructure, United Arab Emirates, will discuss the energy market's future stability, the role of OPEC and OPEC+ in securing energy supply for the year ahead, and how the UAE's future energy markets are evolving.

Speaker:


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



Yousef Gamal El-Din
Anchor, Daybreak Middle East
Bloomberg News

14:25 - 14:50
Location: Conference Room B
ENERGY TALK

Changing the energy transition narrative - balancing energy security, affordability, policy and action to deliver an orderly and pragmatic transition

In October 2022, Saudi Aramco launched a \$1.5 billion fund designed to support an inclusive and realistic energy transition, with an ambition to achieve net-zero Scope 1 and Scope 2 greenhouse gas emissions across its own assets and operations by 2050. The Saudi Aramco vision is to tackle the increasing energy demands of a growing global population with parallel investment efforts in both alternative and conventional resources, as well as advanced technology solutions, balancing the goals of transition with the necessities of immediate and mid-term energy security. In this Energy Talk, Ashraf Al Ghazzawi, EVP, Strategy & Corporate Development of the world's largest energy company will discuss his own commitment to leverage Saudi Aramco's vast resources and capabilities towards evolving the global transition plan, by fostering constructive industry wide collaboration to build a lower carbon economy, infrastructure and clean energy solutions. Simultaneously, as part of OPEC, the Kingdom continues to play its role in a balanced energy market.

Speaker:


Ashraf Al Ghazzawi
EVP, Strategy & Corporate
Development
Aramco

Moderator:


Eithne Treanor
Founder & CEO
ETreanor Media

14:50 - 15:15
Location: Conference Room B
ENERGY TALK

Gaining consensus on accelerated decarbonisation in an increasingly fragmented world

The geopolitical events of 2022 crystallised the importance of addressing energy security, transition and affordability collectively. As memberships to international institutions and groups become increasingly fluid, a coherent strategy is required to galvanise a unified approach to achieving Paris climate goals. In this Energy Talk, renowned physicist and former Energy Secretary Dr Ernest Moniz will draw on his extensive experience bridging both politics and science to set out his vision for renewed global cooperation on climate goals.

Speaker:


Dr. Ernest J. Moniz
CEO and President
EFI Foundation

Moderator:


John Deferios
Professor of Business
New York University
Abu Dhabi



ENERGY TALK

15:15 - 15:40

Location: Conference Room B

The importance of gas markets: energy security and affordable energy solutions for all

Europe continues to deal with the challenges of gas and LNG supply security whilst simultaneously implementing green policies to diversify energy sources towards a cleaner and faster energy transition. IECs and major exporting countries have an opportunity to supply vast quantities of gas and LNG to Europe with TotalEnergies the second largest private global LNG player and which continues to invest in new assets to explore these resources. Patrick Pouyanné, the Chairman and CEO of TotalEnergies, will discuss TotalEnergies' strategies and expansion plans, the commitments of net-zero and energy supply, and major opportunities in today's gas and LNG markets.

Speaker:



Patrick Pouyanné
Chairman & CEO
TotalEnergies

Moderator:



Steve Sedgwick
Presenter & Anchor
CNBC

ENERGY TALK

15:40 - 16:05

Location: Conference Room B

De-globalisation and poly-crisis: the decade's new reality?

The terms poly-crisis and de-globalisation have come to define the geo-political landscape in 2023. The poly-crisis refers to the simultaneous challenges of global inflation, soaring energy costs, geopolitical events in Europe, the refugee crisis, food insecurity and the climate crisis. At the same time deglobalisation, can be interpreted as a response to the poly-crisis as governments around the world become more focused on their own security and self-reliance. In his Energy Talk, Hadi Hallouche, Chief Executive of Puma Energy will explore the risks and opportunities presented by these combined trends on emerging markets.

Speaker:



Hadi Hallouche
CEO of Puma Energy
Trafigura Group

Moderator:



Hala Gorani
Anchor & Correspondent

ENERGY TALK

16:05 - 16:30

Location: Conference Room B

Perspectives from a tech giant: charting a collaborative course for the decarbonisation of operations

Accurate tracking and measurement of emissions has emerged as a defining factor in establishing a credible strategy for effective decarbonisation. As a multi-faceted, multi-sectoral technology company with operations in hard to abate sectors including transportation and manufacturing, Siemens faces unique challenges in the effective measurement of emissions. Despite this, the organisation has achieved A-rating for its climate credentials from CDP Global. In this Energy Talk, Dr Roland Busch, CEO of Siemens AG, will reflect on the organisation's journey to transform itself into a model of sustainability and green innovation through strategic vision, collaborative partnerships, effective investment strategies and organisational transformation. He will share the challenges faced on the journey so far, how technology can help companies reduce emissions, and how to accelerate decarbonisation efforts in its own, and its customers, operations.

Speaker:



Dr. Roland Busch
CEO
Siemens AG

Moderator:



Dan Murphy
Anchor & Correspondent
CNBC

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DAY 2

Tuesday 3 October 2023

09:35 - 10:00

Location: Conference Room B

A sustainable future for water and power in the Gulf

Water and energy are inextricably linked. The production of thermal energy requires significant volumes of water for cooling and for steam turbines. Similarly, the production of potable water in the UAE and other water-constrained Gulf nations is an energy-intensive process. This intricate interplay requires sustainable practices and innovative solutions that can minimise the energy industry's water footprint, while lowering the water sector's energy intensity.

Attendee Insights

In this Energy Talk Jasim Thabet, CEO of TAQA will share discuss TAQA's decarbonisation journey and share his vision for TAQA's future as a core partner in decarbonisation to a transformed energy sector.

Speaker:



Jasim Thabet
Group CEO and
Managing Director
TAQA

Moderator:



Hala Gorani
Anchor & Correspondent

ENERGY TALK

10.45 - 11.10

Location: Conference Room B

Success stories of transition and effective leadership

Meeting the challenge of transition requires a wholesale rethink of company strategy and priorities. This talk will welcome an energy leader who is delivering growth for their organisation through key industry collaborations to develop and deploy new climate technologies. Part of this decarbonization journey and realignment of business strategy incorporates a greater emphasis on diversity, equity and inclusion as a tool for promoting greater sustainability and maximising the potential of the workforce.

In this Energy Talk, we will welcome a prominent CEO to share insights into their company's sustainability projects, and commentary about how the industry should continue focusing on DEI and talent development. We will also be joined by a member of ADIPEC's Youth Committee.

Attendee Insights

In this Energy Talk, we will welcome a prominent CEO to share insights into their company's sustainability projects, and commentary about how the industry should continue focusing on DEI and talent development. We will also be joined by a member of ADIPEC's Youth Committee.

Speaker:



Vicki Hollub
President and CEO
Occidental

Moderator:



Amena Bakr
Deputy Dubai Bureau
Chief & Chief Opec
Correspondent
Energy Intelligence

ENERGY TALK

12.10 - 12.35

Location: Conference Room B

The realities of Africa's energy transition

Africa's energy transition is not developing at the same pace as the rest of the world. African economies still rely heavily on hydrocarbon production and focus primarily on delivering energy security for all and ending poverty. The development of resources is fundamental for prosperity and growth across the continent, securing international investment is critical, and partnerships continue to be at the core of Africa's energy business.

In this Energy Talk leaders from NOCs across the continent will discuss Africa's energy transition journey, and the role of NOCs in delivering energy security, future expansion plans and opportunities.

Speakers:



Proscovia Nabbanja
CEO
**Uganda National Oil
Company (UNOC)**



**Rt. Hon. Obongemem
Ekperikpe Ekpo**
Honourable Minister of State
(Gas) Petroleum Resources
**Federal Republic of
Nigeria**

Moderator:



Hala Gorani
Anchor & Correspondent

ENERGY TALK



ENERGY TALK

12.35 – 13.00

Location: Conference Room B

India's energy industry: from diversification to economic growth

In 2023, India became the world's most populous nation, and it is the third-largest energy consumer. As such, the country has been going through a revamp of its energy policies by diversifying its supply sources and moving towards alternative fuels. Whilst the energy transition is key for the country's future development, there is also a commitment to ensure security of supply, affordability and easy access of resources to assure growth today.

Speaker:



His Excellency Hardeep Puri
Minister of Petroleum and Natural Gas & Housing and Urban Affairs
India

Moderator:



Dan Murphy
Anchor & Correspondent
CNBC

ENERGY TALK

16:05 - 16:30

Location: Conference Room B

The reinvention of an NOC: strategic partnerships for advanced decarbonisation

Under the strategic director of Mele Kolo Kyari, NNPC Ltd has undergone an extraordinary transformation. As the company prepares for IPO in 2023, the organisation has the potential to become Africa's largest publicly held entity. This Energy Talk will explore Mr Kyari's strategy for realigning NNPC's direction to become an globally focussed national oil company providing lower carbon energy security both domestically and internationally through strategic partnerships.

Speaker:



Mele Kolo Kyari
Group CEO
NNPC Ltd

Moderator:



John Deferios
Professor of Business
New York University
Abu Dhabi

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DAY 3

Wednesday 4 October 2023

11:10 - 11:35

Location: Conference Room B

ENERGY TALK

Finance and investment landscape: top considerations to watch out for

The finance and investment community has encountered similar challenges to those faced by the energy industry. This year, inflation, geopolitical tensions and extreme climate events have affected investment decisions. Meanwhile, ESG continues to influence financial institutions on investments in both oil and gas and clean energy opportunities.

Speaker:



Lord John Browne of Madingley
Chairman
BeyondNetZero

12:35 - 13:00

Location: Conference Room B

ENERGY TALK

How can AI support a clean energy transition?

Artificial intelligence can deliver transformative progress for governments and enterprises on strategic issues ranging from defence to decarbonisation to the energy trilemma: security, sustainability, and affordability. AI can support a nearly limitless range of related use cases: operational improvements, energy efficiency, acceleration of technology adoption, upskilling people. Given the power of these new tools, it is essential to adopt responsible software solutions founded on principles of safety and governance, especially for regulated industries such as energy and the energy transition.

Speaker:



Dr. Alex Karp
Co-Founder and CEO
Palantir Technologies

Moderator:



Sophie Hildebrand
CTO
ADNOC

13:00 - 13:25

Location: Conference Room B

ENERGY TALK

Youth: the leaders of tomorrow

Embracing youth perspectives in today's energy and climate change strategies can provide fresh ideas and solutions. It will also deliver a greater voice to young people and engage them in an industry young talent are often reluctant to join, due to negative perceptions of the sector's climate impact and sustainability efforts.

13:25 - 13:50

Location: Conference Room B

ENERGY TALK

Heavy Industry Sectors

Accelerating decarbonisation in heavy industry sectors

Heavy industry sectors are particularly challenging to decarbonise due to a lack of technology and investment. Chemicals, mobility, steel and cement are the most difficult sectors to abate with steel and cement accounting for approximately 14% of global CO2 emissions and 47% of industry's CO2 emissions. Will new energy sectors, such as hydrogen and biofuels and the expansion of low-emissions technologies, create opportunities to help these sectors reduce carbon emissions?

Speaker:



Håkan Agnevall
President and CEO
Wärtsilä Corporation

Moderator:



Shelly Trench
Managing Director & Partner
Boston Consulting Group

Attendee Insights

Gain a deeper understanding on decarbonisation in heavy industry sectors, how cross-sector partnerships are vital to find lower-carbon solutions for these industries and how we can best tackle this major issue.



LEADERSHIP PERSPECTIVES

Renowned speakers will deliver critical insights on trends that will affect the industry in the short and mid-term. Sub-themes will include perspectives on:

- Globalisation
- Climate change
- Decarbonisation
- Emissions control
- Methane
- Gender equality
- Global challenges
- Heavy industry sectors
- Circular economy

DAY 2
Tuesday 3 October 2023
10.00 – 10.45
Location: Conference Room B
Energy Policy
LEADERSHIP PERSPECTIVES

The role of policy in the fight against climate change: insights into the US and EU

New policies, such as the US Inflation Reduction Act, a huge investment bill pouring billions of dollars into producing US-made clean energy and technology and the EU's Green Deal, a set of proposals to govern the EU's climate, energy, transport and taxation policies, have shaken confidence in global competitiveness and related policy towards international trade. What impact will these and other clean energy policies have on future energy markets and the journey to Net Zero in an increasingly protectionist world?

Attendee Insights

Understand the role of policy in supporting net-zero strategies, the major benefits and disadvantages of the Inflation Reduction Act vs. the EU's Green Deal, and how these policies can support global competitiveness, trade and promote the development of clean energy solutions and technologies.

Speakers:


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



Ben Cahill
Senior Fellow, Energy Security and Climate Change Programme
Center for Strategic and International Studies

Moderator:


Simon Flowers
Chairman, Energy and Chief Analyst
Wood Mackenzie

11.10 – 12.10
Location: Conference Room B
Emissions Management
LEADERSHIP PERSPECTIVES

Reducing indirect emissions through value chain decarbonisation

Whilst emissions management for Scope 1 and 2 are more straightforward to track, those of Scope 3 are challenging as they require further data, sectorial collaboration and criteria clarification. Effective cross-sector partnerships are crucial in reducing indirect emissions, as they gather a broader range of expert knowledge, measurement tools, and resources. Ultimately, full value chain decarbonisation will become even more a part of company and government targets and policies, so organisations need to start tackling these issues by investing in the right technologies and processes and taking definitive actions to measure them.

Attendee Insights

Learn from industry experts with their views on emissions management, what future strategies and policies need to be implemented and the critical role of cross-sector partnerships.

Speakers:


His Excellency Osama Mobarez
Secretary General
East Mediterranean Gas Forum



Mark Brownstein
SVP, Energy Transition
Environmental Defense Fund



Julien Perez
Vice President
Strategy & Policy
OGCI

Moderator:


Maurice Berns
MD and Senior Partner & Chair, Centre for Impact
BCG

Marco Tonegutti
 Managing Director & Senior Partner
 Boston Consulting Group

Tetsuhiro Hosono
 Chairman & CEO
 JOGMEC

Elena Skvortsova
 Member of the Executive Board
 Executive Officer
 Marketing & Trading
 OMV



13:50 - 14:50

Location: Conference Room B

Methane

How upstream producers are decarbonising operations

To accelerate the pathway to the energy transition oil and gas operators are increasingly focussed on the abatement of emissions during the extraction and production process through the deployment of low carbon technologies, methane detection equipment, carbon capture, utilisation and storage technology, and flaring reduction strategies. To drive the decarbonisation process further producers will need to initiate a broad variety of solutions, leverage climate tech and embrace new business partnerships. In so doing they will be able to optimise operational practices and harness large energy efficiency gains. By leveraging data and AI analytics facilitate work with business partners across an extended value chain and accelerate the implementation of new technologies and better practices to drive decarbonisation. In addition, investment will need to be reallocated into R&D supporting the development of decarbonisation solutions with active collaboration across research institutions, industry associations and government agencies.

Attendee Insights

Understand the changing face of the upstream sector and how technology and new ways of working are supporting rapid decarbonisation in the exploration and production space.

Speakers:



Montri Rawanchaikul
 CEO
 PTTEP



Arun Kumar Singh
 Chairman and CEO
 ONGC



Dr. Ayed Al Qatani
 Director
 Research Division
 OPEC

Moderator:



John Deferios
 Professor of Business
 New York University
 Abu Dhabi

LEADERSHIP PERSPECTIVES

14:50 - 15:40

Location: Conference Room B

Methane

Tackling methane emissions: where are we now and where do we need to be?

The Global Methane Pledge is a collective effort to reduce global methane emissions by 2030 by a minimum of 30% from 2020 levels. But, what progress have industries made to date? Whilst it is clear the industry is heavily investing in technologies and infrastructure to cut emissions, there is however, a need for more monitoring, reporting and, verification to ensure the world is on track to keeping the global temperature rise below 1.5°C.

Attendee Insights

Understand from industry leaders what is being done to mitigate methane emissions, where more action and investment is required and what further strategies will need to be implemented between sectors to fast track progress.

Speakers:



Brian Sullivan
 Executive Director
 Ipieca



Ganesh Ramaswamy
 EVP, Industrial & Energy
 Technology
 Baker Hughes



Tania Meixus Fernandes
 Senior Advisor
 OGMP 2.0

Moderator:



Michael Stoppard
 Senior Advisor & Global Gas
 Strategy Lead
 S&P Global

LEADERSHIP PERSPECTIVES

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Decarbonising. Faster. Together.



Hydrogen Strategic Conference programme overview

Hydrogen has the potential to be a pivotal tool in achieving global net-zero emissions by 2050. Complementing renewable power, biofuels, and other emerging and existing technologies, hydrogen can play an important role in decarbonising heavy industries including steel, petrochemicals, fertilisers, heavy-duty mobility, maritime shipping, aviation, and flexible power generation. By 2050, hydrogen could account for up to 18 percent of annual worldwide emissions reductions.

A versatile energy carrier, the market momentum for low-carbon hydrogen is building fast with an expanding pipeline of projects. In addition, the development of hydrogen demand centers in key sectors, including industrial applications, transportation, energy storage, and power generation, is imperative for the growth and adoption of hydrogen as an accelerant of the transition to a low-carbon energy system.

The ADIPEC Hydrogen Strategic Conference will gather the most influential leaders in the energy ecosystem to discuss the role of hydrogen in global economies, the latest technological breakthroughs, near-term and long-term strategies, and the actions required to scale the hydrogen economies of the future. Delivering on strategic, technical, and operational insights, the conference will provide the insights necessary to shape and accelerate continued growth of the hydrogen value chain.



Over the last two years, the number of hydrogen projects has grown massively, and the next five years will be no different. To keep this growth up however, the industry will need to keep engaging policymakers and partners up and down the value chain, both through public partnerships and on a more ad-hoc basis at major industry conferences like this year's ADIPEC. "

Daryl Wilson
CEO
Executive Director
Hydrogen Council

Embracing the potential of hydrogen for a net-zero future





Hydrogen Strategic Conference themes

The ADIPEC 2023 Hydrogen Strategic Conference programme will provide critical insights on the following themes:

Fostering hydrogen trade corridors

As global demand for renewable hydrogen increases, in line with efforts to meet decarbonisation targets, regions with limited production capacity will consider importing renewable hydrogen. Facilitating global hydrogen trade will enable the export of clean hydrogen to meet these demands, accelerating hydrogen uptake and reducing costs. To support international trade corridors, it will also be essential to establish global standards for hydrogen, implement robust tradable certification systems and develop cross-border infrastructure. The recently announced International Hydrogen Trade Forum will play a pivotal role in facilitating constructive discussions and accelerating collective action between governments on the international hydrogen market.

Innovation and deployment of hydrogen technologies

Hydrogen's significance in the clean energy transition relies on innovation, driving cost reductions and enhanced performance in both new and existing technologies. Innovation is also crucial to strengthen energy security and narrow the global decarbonisation divide. While technology development is progressing throughout the hydrogen value chain, some key technologies, especially in end-uses, are not yet commercial. Moreover, innovation and deployment of hydrogen technologies will be essential in facilitating hydrogen trade.

Shaping effective hydrogen policy

The urgency of addressing climate change has brought hydrogen into the policy spotlight. Scaling up low-carbon hydrogen production and deployment necessitates immediate and substantial policy interventions including stronger mandates, demand-side measures and higher carbon prices. Governments are already working with diverse stakeholders to identify effective policies to underpin hydrogen's role in the clean energy transition. Policy frameworks like the UAE's National Hydrogen Strategy, will play a vital role in achieving the country's net-zero emissions goal by 2050 while accelerating the global hydrogen economy.



Embracing the potential of hydrogen for a net-zero future

Shaping tomorrow: the emergence of a hydrogen-based economy

Creating a hydrogen economy aligned with climate goals requires cross-sector collaboration and policy backing. Reducing costs and risks for investors, incentivising low-carbon hydrogen production and advancing technology and infrastructure are vital. Policymakers can de-risk investments by implementing long-term carbon pricing, contracts for difference and setting clear goals in hydrogen roadmaps, including quantitative supply and demand targets.

Fostering sustainable supply chains

Ensuring sustainable hydrogen supply chains is vital for integrating hydrogen into future energy systems. This requires assessing infrastructure, innovative manufacturing and distribution network connectivity to manage risks. Early capital investment is necessary to gain manufacturing experience and optimise processes. Employing a lifecycle assessment approach and stringent sustainability criteria is essential to ensure long-term resilience, circularity and sustainability of hydrogen supply chains, particularly in large-scale production and support the transition to a hydrogen economy.



Tuesday 3 October 2023

MINISTERIAL PANEL

10:15 – 11:00

Location: ICC Hall

Building bridges for accelerated hydrogen deployment: strengthening policies, partnerships and collaboration

To limit global warming to 1.5°C, the Hydrogen Council predicts an estimated 660 million metric tons of renewable and low-carbon hydrogen and its derivatives will be required in 2050. This will necessitate significant multi-lateral cooperation to advance policies, programmes and the projects that can accelerate, at scale, the deployment of hydrogen fuels and technologies across all aspects of the energy value chain. A growing number of governments are adopting hydrogen strategies and targets for technology deployment while policy development to stimulate demand has been progressing intermittently. Governments, policymakers, and regulators will need to build their support, through direct subsidies and progressive policies, for applications where hydrogen offers the greatest potential for abating GHG emissions.

Attendee insights

Energy ministers will discuss the policies and reforms expected in the hydrogen sector and how new and existing collaborations are strengthening the pathway to net-zero emissions via a resilient hydrogen economy.

Speakers:



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



The Honourable Matt Jones
Minister of Jobs, Economy and Trade
Government of Alberta
Canada

Moderator:



Eithne Treanor
Founder & CEO
ETreanor Media

STRATEGIC PANEL

11:00 – 12:00

Location: ICC Hall

From concept to commercialisation: perspectives from the hydrogen production value chain

The International Energy Agency (IEA) predicts hydrogen could meet up to 18 percent of the world's energy demand by 2050, generating a market worth up to US \$200 billion annually. Hydrogen's growing contribution to the global energy mix could help expedite delivery of new levels of demand, while reducing reliance on fossil fuels. To do that, hydrogen must be competitively priced to compete with traditional fuels and penetrate the market. In addition to forging partnerships along the hydrogen value chain, developing cross-sector, international partnerships will be essential to bring in the technology, investment, and expertise required to pursue hydrogen strategies and develop infrastructure. The potential of hydrogen as an energy source is vast, but its implementation requires addressing issues related to affordable input energy costs, hydrogen production, transit, and storage costs, as well as expanding current infrastructure.

Attendee insights

Learn how developers and producers are bringing costs down and commercialising hydrogen deployment.

Speakers:



Triharyo Indrawan Soesilo
Special Advisor to the Minister of Energy and Mineral Resources for acceleration of Infrastructure and Investment
Government of Indonesia



Ahmed El-Hoshy
CEO
Fertiglobe and OCI Global



Hanan Balalaa
SVP, New Energies & CCUS
ADNOC

Moderator:



Lazar Krstić
Senior Partner
McKinsey & Company



Dr. Rasha Hasaneen
Chief Sustainability Officer
Aspentech

STRATEGIC PANEL

12:00 – 13:00

Location: ICC Hall

Scaling up green hydrogen

Green hydrogen, produced from renewable electricity through electrolysis, is crucial for a low-carbon future. Accelerating its production and deployment requires supportive policies, global cooperation, continued investments in infrastructure, as well as scaling up electrolysis, all while reducing costs. Green ammonia and hydrogen derivatives will play a significant role in delivering cost-effective green hydrogen. Moreover, connecting low-cost regions with demand centers will be pivotal for scaling production and deployment of green hydrogen.

Attendee insights

Leaders from the hydrogen value chain will discuss the necessary policies, strategies and investments required to scale production and deployment of green hydrogen and accelerate trade flows.

Speakers:



Mohammad Abdelqader El Ramahi
Chief Green Hydrogen Officer
Masdar



Astrid Poupart-Lafarge
Global Segment President
Energies and Chemicals
Schneider Electric



Stephan Gobert
SVP, Hydrogen – AMEA
Engie

Moderator:



Mogens Holm
Partner and Associate Director
Boston Consulting Group



Francois Dao
VP, Middle East & Africa
EDF Renewables



Yako J. Wijnands
VP, Operations
NEOM Green Hydrogen Company



STRATEGIC PANEL

14:00 – 15:00

Location: ICC Hall

Financing the hydrogen revolution

Hydrogen needs investment and policy support to establish demand, reduce costs and increase the scale of deployment. Over 30 countries have now established hydrogen strategies, with an estimated allocation of US\$76 billion in government funding. However, revenue certainty will be critical for attracting and managing the risks faced by first mover investors. Practical options for additional financial support will need to be developed as a key part of the roadmap towards a hydrogen revolution.

Attendee insights

Gain insights from industry and investors on attracting investment and project finance for the research and development of hydrogen projects.

Speakers:



Michele Fiorentino
EVP, Low-Carbon Solutions & Business Development
ADNOC



Vineet Mittal
Chairman
Avaada Group



Marc de Saint Gerand
Executive Director
Dep. Head of Industry and Advisory, Energy Sector Group
SMBC Bank International plc

Moderator:



Amir Sharifi
Chief Investment Officer
Hy24



Amanda Leland
Executive Director
Environmental Defense Fund



Simon Flowers
Chairman, Energy and Chief Analyst
Wood Mackenzie

STRATEGIC PANEL

15:00 – 16:00

Location: ICC Hall

Blue hydrogen: unblocking progress with CCUS on the journey to net-zero

As hydrogen strategies draw increasing interest from governments and energy companies, the development of blue hydrogen production, utilising natural gas, and carbon capture and storage (CCUS) technology, is viewed as a bridge in the transition to a green hydrogen economy. The expectation is carbon capture and storage technologies and projects will enable faster and cost-effective production of blue hydrogen, and be an attractive option for decarbonising hard-to-abate sectors. In addition, blue hydrogen could also enable reductions in supply chain bottlenecks in the green hydrogen sector. Projections show that global production capacity for blue hydrogen is expected to increase considerably over the next ten years. Is blue hydrogen a long term solution or only a medium-term bridge to green hydrogen?



Frederik Majkut
SVP - Carbon Solutions
SLB

Speakers:



Franck Neel
Executive Board Member
Gas & Power
OMV Petrom



Brandon Spencer
President, Energy Industries
ABB



Piero Ercoli
SVP, Decarbonisation Projects Unit
SNAM

Moderator:



Dr. Nikunj Gupta
VP New Energies Technical & Projects
ADNOC



Justine Roure
Deputy VP, Strategy & Policy
OGCI



Vatche Kourkejian
Sr Partner & Head of Middle East Energy
Roland Berger Strategy Consultants

STRATEGIC PANEL

16:00 – 17:00

Location: ICC Hall

The role of ammonia in moving energy and hydrogen

As the global energy transition progresses, there is a growing need for low and zero-carbon solutions. Ammonia, already an essential raw material for various industries, is gaining popularity as a potential energy generation fuel, with applications for electric power, maritime transport and as a hydrogen carrier and carbon-free energy commodity. Determining the optimal use of ammonia as a carrier is critical. Overcoming the cost and energy intensity issues in its synthesis and cracking is essential. Additionally, developing the necessary infrastructure for large-scale ammonia production, transportation and storage poses significant challenges. Investment in research and development, optimising production processes, and creating supportive policies will be imperative to enable ammonia to play a pivotal role in the global energy transition.

Attendee insights

Understanding the growing role of ammonia in the hydrogen value chain and global decarbonisation roadmap.

Speakers:



Haroon Rahmathulla
COO
Fertiglobe



Gautam Reddy
COO - New Energy
Greenko



Ashwani Dudeja
President & Director (Green Hydrogen and Ammonia)
ACME Group

Moderator:



Takeo Akamatsu
General Manager, Green Innovation Business Unit
ITOCHU Corporation



Robert Campbell
Head of Energy Transition Research
Energy Aspects



STRATEGIC PANEL

16:45 – 17:30

Location: ICC Hall

Fuelling the future: how hydrogen will power the next generation of mobility

The European Commission has launched a European Green Hydrogen Alliance to encourage the use of hydrogen for heavy vehicles and international shipping, with the goal of producing up to 10 million tonnes of hydrogen by 2030. However, the infrastructure for hydrogen fueling stations is not yet available, which limits the adoption of hydrogen-powered vehicles. The cost of hydrogen fuel cells is also higher than that of traditional combustion engines. Despite these challenges, hydrogen is still considered a promising solution for future mobility, particularly for heavy-duty vehicles and long-distance transportation.

Attendee insights

Gather key insights from the mobility and hydrogen industries on the growing synergies and increasing role of hydrogen in decarbonising the mobility sector.

Speakers:



Eng Anas Al Juaidei
CEO and Partner
MMEC
Mannesmann LLC



Paddy Lowe
Founder & CEO
Zero



Patrick Ryan
SVP, Global Engineering and
Technology and CTO
ABS

Moderator:



Dr. Mohamed Ghonima
Associate Partner
McKinsey & Company

Wednesday 4 October 2023

STRATEGIC PANEL

10:00 – 11:00

Location: ICC Hall

Unlocking hydrogen trade corridors to meet decarbonisation targets

The International Renewable Energy Agency (IRENA) anticipates 25% of global hydrogen demand will be met through international trade by 2050. Hydrogen exports can offer an opportunity for economies to diversify. It will also provide a means for importing countries to diversify suppliers and decrease the costs of transitioning to lower emissions. To unlock hydrogen trade flows, cross-border infrastructure will need to be developed. Policies will be essential to establish global standards for hydrogen and drive investments into the sector. International government and industry partnerships, like the recently launched International Hydrogen Trade Forum, are crucial to boost trade, reduce barriers, and create favourable market conditions.

Attendee insights

Hear from industry leaders on how hydrogen trade corridors will be crucial to meet decarbonisation targets.

Speakers:



Paddy Padmanathan
Co-Founder & Vice Chair
Zhero



Toshiaki Takimoto
SVP, Hydrogen & CCUS
Development
INPEX CORPORATION



Youssef Merjaneh
SVP, EMEA
Black & Veatch



Isabelle Capaldi-Lureau
Global Lead Originator - H2
and Derivatives
TotalEnergies



Andrea Pisano
Head of Energy Evolution
Hydrogen Initiatives
Eni



Gonzalo Cabrera
Co-Lead Hydrogen
Taskforce
Association of
International Energy
Negotiators (AIEN)

Moderator:

STRATEGIC PANEL

11:00 – 12:00

Location: ICC Hall

Building resilient supply chains for the hydrogen economy

Hydrogen's success in the global energy mix will depend on the ability to develop a sustainable and robust supply chain. Pipelines, as well as road, rail and shipping solutions will be essential to transport hydrogen to locations with large-scale storage facilities. Access to renewable energy sources will be crucial in meeting the demand for hydrogen, increasing procurement demands on manufacturers of hydrogen and renewables equipment. However, the scarcity of rare-earth materials could be a constraint on some technologies. Companies looking to take advantage of the opportunities presented by hydrogen will need to make strategic bets, build an ecosystem, and proactively engage with policy makers, investors and stakeholders at all levels of the supply chain.

Attendee insights

Join industry leaders from across the energy ecosystem as they discuss how to build and future proof profitable and resilient hydrogen supply chains.

Speakers:



John Kent
Chief Energy Transition
Officer
Kent



Manuel Kuehn
SVP for Sustainable Energy
Systems
Siemens Energy



Yamamoto Koji
VP, Energy Business Unit
JOGMEC



Uwe Zwiefelhofer
Managing Director
Head of Region MENA
Linde Engineering
Middle East, LLC



Uwe Weichenhain
Senior Partner & Global
Hydrogen lead
Roland Berger

Moderator:



Moderator
Javier Doblaz
Partner
Boston Consulting Group

Ahmed El-Hoshy
CEO
OCI N.V. and Fertigllobe

Jane Toogood
Chief Executive
Catalyst Technologies
Johnson Matthey

Dr. Nikunj Gupta
VP - Hydrogen Studies
ADNOC

Paul Bogers
VP - Hydrogen
Shell

STRATEGIC PANEL

12:00 – 13:00

Location: ICC Hall

The future of hydrogen storage and transportation

According to Bloomberg NEF, the shift to hydrogen from natural gas will require US\$600 billion investments in storage facilities by 2050. Creating a low-carbon hydrogen ecosystem will necessitate both centralised and decentralised production, distribution, and storage, depending on numerous factors such as renewable energy availability, existing infrastructure, and hydrogen usage efficiency. This presents an array of potential opportunities for machinery manufacturers and suppliers who can adapt their products to incorporate hydrogen. However, the slow pace of infrastructure development is a major challenge that is negatively impacting the economics of hydrogen. Other hurdles include preserving hydrogen purity during transportation, reducing the risk of leaks, and improving energy efficiency. To fully realise the potential of the hydrogen market, these significant obstacles in distribution and storage will need to be addressed.

Attendee insights

Hear from hydrogen transportation and storage companies on the near-term and long-term actions required to overcome the infrastructure challenges to the hydrogen economy.

Speakers:



Yves Vercammen
Chief Corporate Officer
TES-H2



Ulrika Wising
SVP, Energy Transition
and Member of Executive
Committee
Vallourec



Evgeny Fedotov
SVP, Europe, Middle East and
Africa
AVEVA

Moderator:



Dr. Daniel Teichmann
CEO & Founder
Hydrogenious LOHC
Technologies



Mogens Holm
Partner and Associate Director
Boston Consulting
Group

LEADERSHIP INTERVIEW

14:00 – 14:30

Location: ICC Hall

Hydrogen certification: challenges and considerations

Clean hydrogen will play an important role in realising a global net-zero emission energy system. Countries with abundant low-cost renewable resources, water access, and favourable capital have a strategic advantage to emerge as significant producers and exporters of green hydrogen and its derivatives. To foster market creation, growth and facilitate international trade, it is essential to establish globally recognised hydrogen standards, regulations and certification mechanisms. Collaborative efforts between governments, the private sector and international organizations will be pivotal in developing hydrogen certification and advancing the transition to a sustainable hydrogen economy.

Attendee insights

Hear how hydrogen certification will play a critical role in driving production and trade of low carbon hydrogen and its derivatives.

Speakers:



Daria Nochevnik
Director for Policy and
Partnerships
Hydrogen Council



Wa'el Almazeedi
CEO
Avance Labs

Moderator:



Lazar Krstić
Senior Partner
McKinsey & Company

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LEADERSHIP INTERVIEW

14:30 – 15:00

Location: ICC Hall

Circular economy business models for a sustainable hydrogen value chain

Transitioning from a linear to a circular hydrogen economy is crucial for the energy industry to achieve its net-zero goals, and necessitates addressing challenges across the value chain, such as waste management, infrastructure scalability, cost, safety, and environmental concerns. For a sustainable hydrogen circular economy, business models need to be developed by forging partnerships, with policy support playing an essential role in widescale deployment. In addition, coordinating circular value chains through data exchange, and utilising trucks and pipelines for storage and transmission can accelerate wider adoption of the circular economy model.

Attendee insights

Gain insights on the actions, collaborations and innovations required to design and execute a circular economy business model for hydrogen.

Speaker:



Mohammed Nayeem Quraishi
CEO
BEEAH Energy

Moderator:



John Deferios
Professor of Business
New York University
Abu Dhabi

STRATEGIC PANEL

15:00 – 16:00

Location: ICC Hall

Accelerating innovation in next-generation hydrogen technologies

The International Energy Agency (IEA) emphasises the need to scale up hydrogen technologies and reduce costs to achieve widescale deployment. Research and development is critical to advancing technology and in recent years, hydrogen energy systems have made significant advances, including improved production, storage, re-electrification, and safety. Electrolysis and thermochemical processes to produce hydrogen, from biomass or fossil fuels with carbon capture and storage, are among the technologies critical to the green hydrogen revolution. As these technologies improve and costs decrease, hydrogen has the potential to play a significant role in clean energy transitions across multiple sectors, including transport, buildings, and power generation.

Attendee insights

Hydrogen developers, technology companies and researchers take the stage to discuss the next generation of technologies for the hydrogen industry.

Speakers:



Arne Ballantine
CEO and Co-Founder
Ohmium International



Alessandro Bresciani
SVP, Climate Technology Solutions
Baker Hughes



Alberto Litta Modignani
VP, Hydrogen
MAIRE

Moderator:



Margaux Moore
Head of the Energy Transition Group and Venture Capital Investments
Trafigura



Damien Buie
Global Head of Energy Transition
AWS



Azad Hessamodini
Executive President
Consulting
Wood Group

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Development Officer
Petrobras



Decarbonisation Strategic Conference programme overview

Reaching net-zero emissions by 2050 is a global commitment, placing the energy transition as a top priority for all industries and economies today. Decarbonising the energy system requires a transformation in the way industries consume, transport and provide energy. Key strategies to move the needle forward include the push for large-scale investments in technology, expansion of low-carbon energy, the phase-out of unabated fossil fuels, and widespread electrification.

Decarbonisation is seen by many as an opportunity to foster green economic growth, enhance energy security, and safeguard the well-being of future generations. However, overcoming challenges such as today's economic conditions, the transition to clean energy, and policy barriers, requires proactive measures. Through the expansion of renewable energy, enhancements in energy efficiency, implementation of carbon pricing mechanisms, promotion of technological innovations, and joint efforts and global cooperation, industries can navigate the path to decarbonisation and create a healthier, more resilient planet for all.

The ADIPEC 2023 Decarbonisation Conference will feature strategic sessions with a focus on addressing the need for innovative policies, new investment, technology advancement, new energy sources, and decarbonisation of heavy-industry sectors.

As industries commit to delivering their decarbonisation strategies, the conference will gather energy industry leaders, policymakers, governments, financial institutions and cross-sector industries to discuss the opportunities in a decarbonised future, the importance of new partnerships to unlock new value pools and a comprehensive array of key topics around emissions abatement, clean energy technology, carbon tax, carbon capture, renewables, nuclear energy, battery storage, low-carbon solutions, circularity, energy efficiency, and electrification.



It's a pleasure to be back at ADIPEC, which is one of the most important events on the global energy industry's calendar. It is a great place to share perspectives on the gap between the realities of the energy market, to share aspirations for the future and to act on ensuring we meet the challenges we face. "

Bob Dudley
Chair
OGCI

Advancing the decarbonisation agenda from goals to action



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Decarbonisation Strategic Conference themes

Global collaboration, funding and government-led actions from across the energy value chain and the broader industrial ecosystem will be crucial to a clean energy transition. The focus of this year's programme will provide critical insights on the following themes:

Reinforcing regulatory systems to guide and accelerate emissions reduction

Setting clear-cut standards and policies is vital to allow businesses to make long-term plans for emission reduction efforts to succeed. Ambitious targets, robust measuring, reporting and verification systems, innovation and commercialisation incentives, enforcement and market-making mechanisms, public participation, and international cooperation are all key elements in establishing a regulatory framework for a new industrial base that can effectively support businesses in reducing their emissions.

Driving investment in new technology to scale down the cost of clean energy

Transforming the world's energy systems through the deployment of carbon reduction technologies and solutions involves substantial investment in clean energy infrastructure. Driving technological advances will be crucial to delivering accessible and affordable green energy.



Advancing the decarbonisation agenda from goals to action

Enhancing grid infrastructure to unlock the potential of renewables and low-carbon solutions as energy sources

Renewable energy and low-carbon solutions have the potential to significantly reduce energy dependence on fossil fuels and help mitigate the impacts of climate change. Establishing diversity in energy sources is a key factor to meet the challenges of energy supply and demand, and improving grid infrastructure will play a vital role in unlocking this capability.

Decarbonising end-use and heavy-industry sectors

The decarbonisation of heavy-industry sectors present unique challenges of their own. Recognising the capabilities of energy efficiency, electrification, and new energy carriers as key enablers in the energy system opens opportunities for effective, tailored solutions to decarbonise operations across heavy-industry sectors.



Monday 2 October 2023

12:15 - 13:15

Location: Conference Room B

Addressing the invisible: driving down value chain emissions in the energy sector

Tackling value chain emissions can help organisations progress in their decarbonisation and sustainability journey, but collecting and tracking these emissions is inherently difficult without reliable data. Energy companies prioritising value chain emissions reduction are facing challenges such as obtaining an accurate measure of current emissions, lack of reporting standards and policies, and transparency between supply chain partners. An alignment amongst companies, suppliers and end-users must be set in place to effectively advance each of their individual and shared mitigation targets.

Attendee insights

Understand the importance of standardising the process of measuring emissions across the value chain and why positive engagement and collaboration between businesses and stakeholders are the first steps for mitigation strategies to work.

STRATEGIC PANEL

Speakers:



Christina Verchere
CEO
OMV Petrom



Khalid M. Nouh
CEO
TAQA (Industrialization & Energy Services Company)



Russell Hardy
CEO
Vitol



Matthew Harwood
Chief Strategy Officer
Climate Investment



Dr. Katharina Beumelburg
Chief Strategy and Sustainability Officer
SLB



Samir Karoum
Chief Strategy & Sustainability Officer
TechnipEnergies



Moderator:
Hala Gorani
Anchor & Correspondent

13:15 - 14:00

Location: Conference Room B

Methane

Curbing methane emissions: a global imperative

One of the most effective ways to rapidly limit greenhouse gases is through methane abatement. This year, at least 40% of total methane in the atmosphere has been attributed to the energy sector. Mitigating emissions requires the enactment of regulatory policies such as those that will oblige operators to provide the highest standard of measurement, report and verification of emissions, carry out comprehensive surveys to detect and repair methane leaks, and cease all non-emergency flaring and venting practices. With the help of existing technologies and the collective compliance of major oil and gas producers, these regulations will enable the energy industry to effectively abate and create a new supply, and a stabilised market for captured methane.

Attendee insights

Understand the vital role of energy producers, operators and policymakers in methane abatement. Recognise the opportunities for technology companies to provide credible and workable solutions.

LEADERSHIP PERSPECTIVES

Speakers:



Deepak Anand
Chief Revenue Officer
GHGSAT



Ewan McKenzie
Climate Director
Ipicca



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



Samar Saad Al Hameedi
VP, Sustainability & ESG
ADNOC



Rebecca Mc Laughlin-Eastham
TV Anchor & MD
RME Media

Moderator:

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10:00 – 11:00

Location: Decarbonisation Theatre

DAC and CCUS as enablers of carbon neutrality

Direct air capture (DAC) and carbon capture, utilisation and storage (CCUS) are prominent and important technological options to reduce carbon emissions and achieve net-zero ambitions. The source of carbon and technical functionality may differ between DAC and CCUS, but both technologies face the obstacle of being capital and energy intensive. To accelerate the deployment of these carbon capture technologies, governments must increase research and development funding, expand carbon offset procurement, and implement progressive regulations and subsidies that support the commercialisation and incentivisation of carbon capture.

Attendee insights

Understand the key importance of carbon capture technologies in facilitating a faster transition to a net-zero energy system and why organisations should advance these technologies.

Speakers:



Talal Hasan
Founder and CEO
44.01



Steve Kelly
President
1PointFive



Hugo Dijkgraaf
Member of the Executive Board and CTO
Wintershall Dea



Robin Mooldijk
Executive Committee, Projects & Technology Director
Shell



Keisuke Miyoshi
Director General, Hydrogen and CCS Project Department
Japan Organization for Metals and Energy Security



Moderator:
Carl Clayton
Partner and Associate Director
BCG

11:00 – 11:45

Location: Decarbonisation Theatre

Decarbonising every drop: a net-zero road map for NOCs

While international oil companies (IOCs) are at the forefront of investing in low-carbon initiatives, there is growing pressure for national oil companies (NOCs) to advance at pace with their own decarbonisation journeys. NOCs represent a key opportunity for accelerating decarbonisation with their capacity to diversify energy portfolios, reduce related emissions, produce and promote low-carbon fuel, and advocate for climate policies. What can NOCs individually and collectively do to make an instrumental impact on the energy transition? Can greater collaboration with IOCs help catalyse sustainable funds and immediate solutions to manage the transition to a new age of energy?

Attendee insights

Gain insights on how NOC leaders are navigating the current energy system and understand the central role they play in building synergy to reach an inclusive and effective transition to a low-carbon economy.

Speakers:



Charlotte Wolff-Bye
Chief Sustainability Officer
PETRONAS



Samar Saad Al Hameedi
VP, Sustainability & ESG
ADNOC



Matt Watson
VP, Energy Transition
Environmental Defense Fund

Moderator:



Mats Rinaldo
Deputy Director and Senior Researcher
Group Research and Development
DNV

11:45 – 12:45

Location: Decarbonisation Theatre

Carbon tax vs. subsidies: what is the best regulatory method to accelerate emissions reduction?

Carbon taxes and subsidies are two policy measures that can be used to accelerate emissions reduction. Some experts believe that subsidy policies are more effective than carbon tax policies since they incentivise the development of low-carbon technologies and industries. Others disagree since carbon tax is a market-based mechanism encouraging organisations to eliminate added operating costs, which leads to avoidance of emissions. As a drawback, carbon taxes can be regressive while subsidies can be expensive and may not be sustainable in the long term. In enacting these measures, policymakers must consider factors like policy design, level of tax or subsidy, the sectors covered, duration and the impact of the policy on different stakeholders, including consumers, producers, and the government.

Attendee insights

Understand the different implications of implementing carbon taxes and subsidies and how both can help achieve net-zero through the acceleration of carbon emissions.

Speakers:



Thomas McMahon
Co-CEO & Co-Founder
ACX



Dr. Carole Nakhle
CEO
Cristol Energy



Emmanuel Givanakis
CEO
ADGM Financial Services Regulatory Authority



Georges Tijbosch
CEO and Board Member
MIQ



Arne Peder Blix
CEO
ICA Finance



Moderator:
Gaurav Sharma
Energy Market Analyst & Forbes Senior Contributor

12:45 - 13:15

Location: Decarbonisation Theatre

Hydrogen Fuel Cells

Decarbonising road transportation: can hydrogen fuel cell technology meet clean energy expectations?

Achieving decarbonisation in the road transportation sector through the application of hydrogen fuel cell technology shows great promise for its capacity to generate electricity while only producing heat and clean water as byproducts. Over the next few years, it is foreseen that there will be a surge in the number of hydrogen-powered vehicles, including fuel cell trucks, taking to the roads. However, some challenges like lower energy density relative to liquid fuels, high cost, and limited infrastructure for hydrogen refuelling must be addressed to increase the competitiveness of fuel cell vehicles.

Attendee insights

Gain insights on hydrogen fuel cell technology development and understand its opportunities and how it can be a vessel to support decarbonisation in road transport.

Speakers:



Mohamed Al Hosani
Acting Executive Director of Public Transport Sector
The Integrated Transport Centre



Barry Glickman
Global VP & General Manager Sustainable Tech Solutions
Honeywell



Amit Deshpande
Managing Director
Cummins Arabia

Moderator:



Jad Dib
Partner
McKinsey & Company

14:20 - 15:00

Location: Decarbonisation Theatre

Decarbonisation through data – advancing the net zero agenda

Accurate data will prove crucial to a sustainable and decarbonised energy future. As the transition moves forward, it is ever more imperative that policymakers and stakeholders are well-informed and able to leverage data to take strategic decisions and deploy investments prudently. This discussion will analyse the key findings from the 2023 Statistical Review of Energy from the Energy Institute and consider how organisations might respond to the trends emerging from the data sets to realign following a tumultuous year in energy.

Speaker:



Anish De
Global Head – Energy &
Natural Resources
KPMG

14:20 - 15:00

Location: Decarbonisation Theatre

Decarbonising steel production: is there a future for green steel?

Green steel production is a relatively new concept expected to play an important role in the transition to a low-carbon economy. Traditional steel fabrication typically involves burning fossil fuels resulting in significant carbon emissions. With the help of renewable energy sources and recycled materials, the production of green steel is seen as a promising solution to reduce the carbon footprint of the steel industry. However, an underdeveloped infrastructure along with the lack of affordable green energy supply and the high cost of technologies make for the biggest challenges in implementing measures to decarbonise steel production. Overcoming this will need broader strategies that include the adoption of low-carbon solutions, a shift to a circular economy, and established policies on green premiums and green financing that will open opportunities for public-private investment in clean technology.

Attendee insights

Gain insights on the development of green steel production and understand the opportunity it creates to decarbonise a heavy-industry sector.

Speakers:



Angelo Di Martino
Group Chief Strategy &
Business Development Officer
Emirates Steel



Gurbuz Gonul
Director of Country
Engagements and Partnership
IRENA



Adamo Screnci
VP Licensing & Business
Development
NextChem

Moderator:



Dennis Ducro
Partner
**McKinsey &
Company**

Wednesday 4 October 2023

10:00 – 11:00

Location: Decarbonisation Theatre

Renewable energy: scaling solar and wind power

Renewable energy has seen its largest increase in global capacity, largely due to the growth of solar and wind power and the further decommissioning of fossil fuel power plants in several large economies. Despite this, barriers remain to fully integrating renewables into the energy mix including intermittency, storage, and grid integration issues. Scaling renewable energy requires significant investment in infrastructure, including transmission lines, energy storage facilities, and new grid technologies. Addressing these challenges will require a coordinated effort among policymakers, industry leaders, and other stakeholders in order to develop and implement innovative solutions to support renewable energy growth.

Attendee insights

Understand the impact of solar and wind power as renewable sources of energy in decarbonising the global energy system.

Speakers:



Dr. Vivek Bhandari
CTO
Powerledger



Deepak Agrawala
Senior EVP, Equity &
Investor Relations and
Strategy
Avaada Group



Diala Hawila
Knowledge Policy and
Finance Centre
Programme Officer
IRENA

Moderator:



Ghassan Wakim
Production and Export
Director, Zero-Carbon Fuels
Clean Air Task Force



Ferdinand Varga
Managing Director and
Senior Partner
BCG

11:00 – 11:45

Location: Decarbonisation Theatre

Electrification**Strategic electrification: supporting decarbonisation across sectors**

According to the International Energy Agency, electrification holds great potential for reducing final energy demand due to the higher efficiency of electric technologies compared with fossil fuel-based alternatives. The demand for electrification technologies is mainly driven by transport, building heating, and industrial sectors where markets for electric vehicles and heat pumps are on the rise. To carry this momentum forward, significant funding for innovation and more policies supporting electricity networks are required to decrease the cost of alternative technologies and encourage key sectors to adopt electrification as part of their value chain.

Attendee insights

Understand the technical potential for electrification and how it can serve as an anchor to the decarbonisation strategies of multiple industries.

Speakers:



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



Bernard Dagher
Chief Strategy and Growth
Officer - Grid Solutions, Middle
East & Africa (MEA)
GE VERNOVA



Frederic Godemel
EVP, Power Systems &
Services
Schneider Electric

Moderator:



Dietmar Siersdorfer
Managing Director
Middle East
Siemens Energy



Dan Carter
President of Decarbonisation
Wood PLC



STRATEGIC PANEL

11:45 – 12:45

Location: Decarbonisation Theatre

Powering nuclear energy to support a low-carbon energy system

Nuclear energy has shown steady growth over the years as some countries continue to pursue it as a viable option for their energy needs, despite its risks. Part of this growth can be attributed to its high-capacity factor, the capability to generate reliable and carbon-free power, and the recent developments in reactor technologies such as small modular reactors, advanced reactors, and high-temperature gas-cooled reactors. But a variety of barriers and risks exist, such as the management of radioactive nuclear waste, high costs, and public perception of nuclear energy. The successful deployment of nuclear energy relies on both the public and private sectors collaborating to develop the nuclear industry in a manner that mitigates risks, facilitates swift implementation, and fosters the growth of nuclear energy.

Attendee insights

Gain insights on the development of nuclear power as a key enabler of secure transitions to low-emissions energy systems.

Speakers:



Daniel Dean
Chairman
International Bank for
Nuclear Infrastructure



Tim Yeo
Chairman
New Nuclear Watch
Institute



Dr. Steve Griffiths
SVP, Research and
Development
Khalifa University of
Science and Technology
UAE

Moderator:



Simon Flowers
Chairman, Energy and Chief
Analyst
Wood Mackenzie

LEADERSHIP INTERVIEW

12:45 - 13:15

Location: Decarbonisation Theatre

Unlocking battery storage technology as a catalyst of clean energy

Renewable energy production is crucial for global decarbonisation, but the development of energy storage systems is equally important to address the intermittent nature of solar and wind power. Today's leading technology of choice for battery energy storage systems is lithium-ion due to its cost-effectiveness and high efficiency, but long-duration energy storage is slowly gaining traction as an alternative to enable storage of large quantities of low-cost energy over long timescales. This is particularly important as the electricity sector moves towards 100% clean energy. As utility-scale battery costs and renewable energy prices decline, the utilisation of battery-based energy storage systems will increase, playing a larger role in the transition towards a decarbonised global economy.

Attendee insights

Gain insights on the essential function of battery storage technology as an enabler of clean energy and understand how it can help accelerate the decarbonisation of energy systems.

Speakers:



Luc Koechlin
Managing Director and
CEO
EDF Middle East



Ali Al Rawahi
SVP, Technology &
Innovation
ADNOC

Moderator:



Eithne Treanor
Founder & CEO
ETreanor Media

Thursday 5 October 2023

STRATEGIC PANEL

10:00 – 11:00

Location: Decarbonisation Theatre

Decarbonising aviation: is net-zero air travel achievable?

Decarbonising commercial aviation needs large-scale investments in the development of new technology and aircraft, including hybrid-electric aircraft, fuel-burn efficiency applications, contrail mitigation solutions and sustainable aviation fuel. But disadvantages such as the expensive and inadequate supply of biofuels, as well as the limited infrastructure to develop hybrid-electric aircraft could slow its progress. Governments, airlines, and the wider aviation industry must work together to accelerate the transition to a more sustainable aviation sector.

Attendee insights

Gain an understanding of the progress and obstacles in decarbonising the aviation industry as one of the hard-to-abate sectors.

Speakers:



Andreas Slettvoll
CEO
Choose



Siegfried Knecht
Chairman/VP Director
R&T Affairs
aireg/Airbus



Bernard Hoffait
P Institutional
Relations
TotalEnergies

Moderator:



Alessandro Zampieri
Partner and Associate
Director
BCG



Denis Arguin
VP, Strategic
Relationships
Enerkem



Steve Gillard
Regional Director - UK, Middle
East and International Defence
Sustainability
Boeing



Linn Tonsberg
Asset Director - Air bp MENA
& Managing Director - BP
Middle East LLC
bp



11:00 – 11:45

Location: Decarbonisation Theatre

Circular Economy

Circular economy: boosting decarbonisation through circular solutions

Adopting a circular economy in the energy sector presents opportunities to develop a sustainable and low-carbon energy system by reducing dependence on fossil fuels and mining, supporting carbon recycling, and promoting the long-term use of renewable energy sources and the preservation of critical minerals. While the circular economy enables a promising vision for a more sustainable future, it also faces several challenges that must be addressed in order to realise its potential. Some of these barriers include the need to build circular economy principles into the design of the energy transition, a significant shift away from traditional linear approaches to economic activity, a lack of suitable technologies for recycling and repurposing materials and energy resources, the high cost of implementation and the lack of supportive policies and regulations that incentivise circular economy practices.

Attendee insights

Understand the value of circular economy as a decarbonisation strategy and how energy companies can adopt elements of circularity into their operations.

LEADERSHIP PERSPECTIVES

Speakers:



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



Maher Al Kaabi
Independent Board Member
Al Serkal Group



Max Grasserbauer
SVP, Circular Economy
OMV



Eldar Khamidulin
Global Director, Sustainable Solutions for Oil & Gas
LanzaTech

Speaker:



Pavan Chilukuri
VP, CCUS Strategy
Holcim

Speakers:



Nicolas Thévenot
Chief Banking Officer
The Arab Petroleum Investments Corporation (APICORP)



Stefano Raciti
COO
Mubadala Energy



Shargiil Bashir
EVP and Chief Sustainability Officer
First Abu Dhabi Bank

Moderator:



Martha Vasquez
Partner & Associate Director
Upstream Oil & Gas
BCG



Bernd Kalusche
Global Managing Director Oil & Gas and Hydrogen
Siemens

11:45 – 12:15

Location: Decarbonisation Theatre

Decarbonising cement production: can producers reach carbon neutrality by 2050?

According to the Global Cement and Concrete Association, cement production accounts for approximately 7% of global direct carbon emissions. Major producers are actively taking measures to reduce emissions by 2030, but decarbonising the cement industry, by 2050, will necessitate technological innovation, operational enhancements, the adoption of carbon capture technologies, reducing clinker content in cement, and promoting the use of alternative fuels. Additionally, challenges such as high emissions from the calcination process of cement production, along with the limited alternatives to cement substitution, will also have to be addressed to make progress in the decarbonisation efforts.

Attendee insights

Gain insights on the recent developments in the decarbonisation of the cement industry and understand its impact in achieving net-zero emissions by 2050.

LEADERSHIP INTERVIEW

12:15 – 13:00

Location: Decarbonisation Theatre

Energy Efficiency

Harnessing the potential of energy efficiency to lower emissions

Improving energy efficiency is a significant step towards decarbonising our energy systems. In addition to its potential in mitigating climate change by reducing emissions, it can also contribute to lowering energy expenses for consumers and enhancing competitiveness for businesses. Energy efficiency delivers several environmental benefits essential to decarbonisation strategies, but challenges such as volatile energy prices, limited access to financing and technical expertise, lack of awareness and education, and energy security concerns can hinder its progress for businesses and end-users alike.

Attendee insights

Understand the significant role of energy efficiency in today's energy systems and how it can massively contribute to achieving a net zero world.

LEADERSHIP PERSPECTIVES

Decarbonising. Faster. Together.



Manufacturing & Industrialisation Strategic Conference overview

The dawn of the technological era has redefined manufacturing, bringing with it a new meaning to how we design, produce and distribute goods and materials. As the geopolitical landscape evolves and climate concerns reshape industrial policies, manufacturers are challenged to remain resilient and deliver greater transparency across their value chains.

High volatility in global supply chains is driving manufacturers to find new ways to adapt, from reshoring production sites to 3D printing parts, to ensure sustainable production and security of available materials. A key enabler to support these shifts is the rapid digital transformation of technologies, allowing manufacturing to scale-up across all industries.

At the same time, the dynamic between supply chains and a new era of technological innovation unlocks the potential for emerging economies to become regional manufacturing hubs. As governments rethink their industrial strategies in pursuit of greater sustainability and resilience, global industry leaders will need to swiftly adopt advanced manufacturing techniques and seek new ways to diversify economies.

The Manufacturing & Industrialisation Strategic Conference at ADIPEC 2023 will highlight the role of manufacturing in building economies of scale and scope and the digital enablers accelerating growth for industrial readiness.



The manufacturing sector is a significant contributor to the global economy, and transforming industrial ecosystems will require substantial investment into advanced manufacturing technologies for greater efficiency, sustainability and growth. Enabling the wide-scale adoption of Industry 4.0 technologies and promoting domestic production capabilities will strengthen core industries for national economies, and ADIPEC is the prime platform to facilitate forward-thinking discussions for shaping sustainable industrial strategies. //

Ahmed Mohamed Al Naqbi
CEO
Emirates Development Bank (EDB)





Manufacturing & Industrialisation Strategic Conference themes

The Manufacturing & Industrialisation Strategic Conference programme will provide key insights into the future of manufacturing and the vital importance of building resilient and responsive supply chains amidst global market uncertainty and the next phase of transformative industrialisation.

Mitigating the effects of inflation on manufacturing

The sharp rise in commodity prices, including energy, metals and agricultural products, has led to increased costs for manufacturers. Governments' efforts to raise interest rates, implement monetary policies and introduce subsidies, grants and tax incentives are curbing inflationary effects to a degree; however, manufacturers must take action to address the effects of inflation within their own value chains. What role will additive manufacturing, domestic production and regionalising supply play in enabling future industries to remain resilient and strengthen manufacturing operations?

Sustainable manufacturing and the adoption of smart, clean energy technology

The biggest challenge to manufacturers reducing energy consumption and diversifying energy sources will be finding a balance between cost-effectiveness, sustainability goals and reliability of energy sources. Implementing energy-efficient technologies such as smart sensors and energy management systems can optimise energy usage and reduce waste, but the adoption of Industry 4.0 technologies will require considerable research and development, backed by investment and strategic planning to scale-up climate technology manufacturing that enables a more sustainable and circular industrial landscape.



Enabling sustainable industrial development

Public sector initiatives and enablers that strengthen national economies

Building sustainable resilience in core industries and gaining global economic competitiveness will require governments to adopt innovative and unique approaches that support the private sector's contribution to the local economy. Introducing attractive financing solutions, reducing costs of launching and scaling manufacturing operations and strengthening regional industrial ties to prompt business opportunities for the market will be essential in boosting national economies, unlocking remarkable economic growth and raising in-country value.

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2023 CONFERENCES

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adipec.com/conferences



Monday 2 October 2023

12:30 – 12:45

Location: Conference Room A

OPENING KEYNOTE

Investing in the future of industry: charting the course to sustainable economic development

As the world navigates the economic implications of a new world trade order, government leaders are faced with the challenge to maintain a steady growth in GDP whilst striking a balance with sustainability goals. Harnessing intelligent technology, strengthening national self-reliance and supporting economic innovation whilst managing natural resources in a way that meets the needs of future generations, will be crucial for building knowledge-based economies. The opening keynote will focus on the pathways to establishing a sustainable economic ecosystem, the importance of building an attractive investment climate for business and the future outlook of diversifying economies.

Speaker:



**His Excellency
Ahmed Jasim
Al Zaabi**
Chairman
Abu Dhabi Department of
Economic Development
(ADDED)

Moderator:



Mustafa Alrawi
Acting Managing Director
CNN Business Arabic

12:45 – 13:45

Location: Conference Room A

STRATEGIC PANEL

Make it in the Emirates: a local blueprint for empowering global economies

In times of economic uncertainty and shifting trade agreements, manufacturers are seeking to establish business operations in nations with a supportive government that offers attractive incentives to stimulate the development in advanced industries. The UAE's 'Make it in the Emirates' campaign is an unparalleled example of a modern industrial incubator, demonstrating how capitalising on local resources is enhancing job creation, safeguarding supply chains and shaping a competitive, knowledge-based national economy. With access to international free trade agreements, a strategic geographic position, a highly skilled workforce and an advanced communication and logistics infrastructure, the UAE provides a unique value proposition for manufacturers to gain global competitiveness across all sectors.

Attendee Insights

Learn about the opportunities of scaling up domestic manufacturing within the UAE industrial sector that will unlock growth for global manufacturers.

Speakers:



**His Excellency
Omar Ahmed Suwaina
Al Suwaidi**
Undersecretary
Ministry of Industry and
Advanced Technology
(MoIAT)



**His Excellency
Rashed Abdulkarim
Al Blooshi**
Undersecretary
Abu Dhabi Department of
Economic Development
(ADDED)



**Mashal Saoud
Al-Kindi**
Acting CEO
TA'ZIZ



Dr. Saleh Al Hashmi
Director
Group Commercial & ICV
ADNOC



Mustafa Alrawi
Acting Managing Director
CNN Business Arabic

13:45 – 14:45

Location: Conference Room A

Industrial Policy

LEADERSHIP PERSPECTIVES

Building advanced industries: the synergy between public and private sector fostering innovation in manufacturing

Industry 4.0 has further emphasised the role governments hold in diversifying national economies and developing knowledge-based industrial ecosystems. Advanced manufacturing – the key driver of today's industrial transformation – will require governments to develop an enabling environment for businesses to thrive, easing the deployment of intelligent technologies that support a digital infrastructure. The future of industrial success will belong to governments that prioritise the development of a digital ecosystem, removing barriers for the private sector to adopt innovative solutions and key technologies.

Attendee insights

Understand the essential role of governments and policymakers in developing advanced digital economies, how incentives can stimulate innovation and what the key enablers are to cultivate the industries of the future.

Speakers:



**His Excellency
Abdulla Al Shamsi**
Assistant Undersecretary For
Industrial Growth
Ministry of Industry and
Advanced Technology
(MoIAT)



**His Excellency
Saud Abu Al Shawareb**
EVP
Dubai Industrial City



Hatem Dowidar
Group CEO
e&



Eng. Arafat Al Yafei
Executive Director of Industrial
Development Bureau
Abu Dhabi Department of
Economic Development



Amer Kakish
CEO
Ittihad International
Investment



Abdullah Jarwan
CEO
CNTXT



Richard Dean
Presenter
Business Breakfast



LEADERSHIP PERSPECTIVES

14:45 – 15:30

Location: Conference Room A

Enhancing transparency and collaboration to build resilience in manufacturing supply chains

Industrial supply chains are the cornerstones of economies, enabling manufacturers to meet demand with supply and keep global trade moving. Geopolitical uncertainty and climate concerns have revealed the fragility of modern supply chains, expanding the spectrum of possible disruptions and forcing manufacturers to constantly adapt strategies to remain resilient. How can enabling greater transparency through data-driven business models, increasing areas of collaboration across the industrial value chain and leveraging smart technologies to redefine manufacturing, lay the groundwork for building agile, resilient and sustainable supply chains?

Attendee insights

Hear from industry experts on how to build resilient and agile supply chains to future-proof manufacturing, and what are the key focus areas to strengthen industrial operations amidst economic uncertainty.

Speakers:



Amadou Diallo
CEO
DHL Global Forwarding
Middle East & Africa



Vladimir Arshinov
Group CTO
Emirates Steel Arkan



Koji Nakaoka
SVP
Yokogawa Electric
Corporation



Sebastien Grau
Global Industry VP for
Process Industries
Rockwell Automation



Belgacem Merad
Geozone
VP MENA
Weatherford



Moderator:

Eithne Treanor
Founder & CEO
ETreanor Media

EXPERT DIALOGUE

15:30 – 16:00

Location: Conference Room A

Unlocking the full potential of AI for industrial transformation

Artificial intelligence (AI) has prompted a quantum leap in manufacturing innovation, blurring the boundaries of what is possible for future industries. From supply chain optimisation and predictive maintenance to increased automation and customisation at scale, AI equips business leaders with endless opportunities to redefine the capabilities of the manufacturing and industrial sectors. How will the industry reconfigure its operations and business models in an era of artificial intelligence and which areas of industry will see the biggest changes?

Attendee insights

Gain insights into how AI is shaping the manufacturing industry and the future pathways for large-scale AI adoption in industrial activities.

Speakers:



Helmut von Struve
CEO
Siemens Middle East



Rashesh Mody
EVP, Business Strategy &
Realisation
AVEVA



Moderator:

David Sayah
Managing Director and
Partner
BCG

LEADERSHIP INTERVIEW

16:00 – 16:30

Location: Conference Room A

Gearing up the next-generation manufacturing workforce

The future of work will be vastly impacted by advanced digital technologies and the shifting trends of today's workforce. On the one hand, the manufacturing sector will face unique challenges, requiring people with more advanced technical skills as they integrate the Industrial Internet of Things, Machine Learning and Artificial Intelligence - skills which may not be readily available in the labour market. Conversely, advanced technologies will significantly augment the manufacturing sector, replacing repetitive and menial tasks with more problem-solving while reducing human error, enhancing safety and enabling increased productivity. Manufacturers need to take stock of the challenges appearing on the horizon and anticipate the requirements to invest in training and reskilling programs, to ensure their future workforces can fulfil their potential.

Attendee insights

Understand the requirements in attracting and retaining talent in the manufacturing sector and the skills' gaps that need to be addressed to ensure a future-ready workforce.

Speaker:



Ibraheem Al Zaabi
SVP
ADNOC Technical
Academy

Moderator:



Dr. Carole Nakhle
CEO
Crystal Energy



Tuesday 3 October 2023

KEYNOTE ADDRESS

11:30 - 11:45

Location: Conference Room A

Securing industrial resilience and sustainable growth

The global manufacturing sector will play a key role in developing resilient economies that rely on sustainable industrial activity. The UAE has taken significant strides in redefining manufacturing to fortify industrial supply chains and grow in-country value. Looking ahead to the next decade of industrial transformation, ensuring material availability, technology readiness and access to a tech-savvy workforce will be the key challenges to building industrial resilience. The keynote address will highlight the global trends shaping the manufacturing sector, and the importance of creating an enabling environment for sustainable industrial development.

Speaker:



**His Excellency
Omar Ahmed Suwaina
Al Suwaidi**
Undersecretary
Ministry of Industry and
Advanced Technology
(MoIAT)

LEADERSHIP PERSPECTIVES

11:45 – 12:30

Location: Conference Room A

Sustainability

Accelerating sustainable industrialisation: the critical role of energy efficiency in manufacturing

Mitigating the impacts of climate change and reaching net-zero targets requires a substantial reduction in emissions from industrial sectors. The challenge for industry leaders lies in lowering existing energy demand while accurately tracking emissions across the manufacturing cycle and adopting cleaner fuel systems. Considering the high temperatures essential for heavy industry operations, this is no easy task – gradually replacing fossil fuels with alternative technologies will require industry leaders to come together and seek out innovative, actionable and climate-conscious solutions.

Speakers:



Manish Pant
EVP, International Operations
Member of the Executive
Committee
Schneider Electric



Thierry Conti
President, Surface
Technologies
TechnipFMC



Benjamin Beberness
VP, Industry Business Unit
General Manager
AspenTech

Moderator:



**Dr.-Ing. Wilderich
Heising**
Partner and Associate
Director, Manufacturing &
Supply Chain
BCG

Attendee insights

Learn about the strategies and technologies achieving energy efficiency in manufacturing, how to implement more sustainable business practices and what the future will look like in deploying cleaner energy solutions for industrial use.

12:30 – 13:30 Networking Lunch

STRATEGIC PANEL

13:30 – 14:30

Location: Conference Room A

Financing industries of the future: the role of SMEs in driving economic progress

For businesses to survive and thrive in today's industrial ecosystem, adopting a cost-conscious mindset while also implementing intelligent technologies is no longer an option, but an essential requirement for success. Investing in advanced digital technologies to capture the promised benefits is a challenge for SMEs, requiring significant upfront costs for the latest equipment. The role of financiers in supporting local businesses cannot be understated, as banks and investors are the ultimate enabler to revolutionise manufacturing amidst a digital transformation. The path to unlocking Industry 4.0 benefits starts with capital. Is now the opportune time to invest in tomorrow's industries?

Speakers:



**Her Excellency Raja Al
Mazrouei**
CEO
Etihad Credit Insurance
(ECI)



**Ahmed Mohamed Al
Naqbi**
CEO
Emirates Development
Bank (EDB)



Dr. Palat Menon
Founder and CEO
AstraGene



Fahmi Al Shawwa
CEO
IMMENZA



Haitham Al Subaihi
Acting Executive Director
of Business Development &
Promotion
Abu Dhabi Investment
Office (ADIO)



Moderator:
Richard Dean
Presenter
Business Breakfast

Attendee insights

Gain a better understanding into the correlation between capital financing trends and advanced manufacturing in the UAE and globally, and how supporting SMEs can transform an industrial sector and deliver competitive economic growth.



STRATEGIC PANEL

14:30 – 15:30

Location: Conference Room A

Digital Transformation

Lighthouse factories championing innovation in manufacturing

The future of manufacturing will rely on a range of cutting-edge industrial technologies such as AI, Machine Learning, Digital Twin Engineering and Additive Manufacturing - the benefits of which can already be seen in smart factories. Beyond immediate gains in efficiency and productivity, adopting Industry 4.0 technologies lay the foundation for sustainable industrial growth while lowering harmful emissions. Mechanisms to measure a successful digital transformation, such as the recently launched Industrial Technology Transformation Index (ITTI), are vital tools for factories to achieve sustainable manufacturing operations. By establishing a quantifiable standard for manufacturers to aspire to while providing actionable guidelines to accelerate their technological transformation, the index can support in developing sustainable, intelligent factories of the future and revamping a national industrial ecosystem.

Attendee insights

Hear about success stories, challenges and lessons of adopting advanced manufacturing technologies, how the Industrial Technology Transformation Index (ITTI) is fast-tracking intelligent technology adoption and how factories can benchmark themselves against a future-ready standard.

Speakers:



Dr. Cori Stewart
CEO
Advanced Robotics for Manufacturing Hub



Sverre Brandsberg-Dahl
CTO
Microsoft Energy Engineering



Mathias Schinzel
President, MEA
Emerson



Kemal Koeksal
CTO EMEA
C3 ai



Tariq Al Hashmi
Director of Technology Adoption and Development
Ministry of Industry and Advanced Technology (MoIAT)



Moderator:
Hala Gorani
Anchor & Correspondent

LEADERSHIP PERSPECTIVES

15:30 - 16:15

Location: Conference Room A

Circular transformation of industries: a systemic approach

The traditional perspective on sustainable manufacturing is commonly associated with waste management and recycling. However, addressing only the last part of the manufacturing cycle ignores an integrated approach to sustainability. For true circular transformation to take effect, systemic changes will need to be put in place that consider the entire manufacturing spectrum: from demand optimisation, sourcing raw materials, to sustainable production and repurposing. What can manufacturers do better, and what are the supporting pillars needed from the public and private sectors to ensure a sustainable, circular transformation of the global manufacturing sector?

Attendee insights

Gain a deeper understanding of the different variables required for circular manufacturing and what are the fundamental changes that manufacturers need to adopt to embrace sustainability in their business models.

Speakers:



Her Excellency Dr. Farah Ali Al Zarooni
Assistant Undersecretary for the Standards and Regulations Sector
Ministry of Industry and Advanced Technology (MoIAT)



Yousif Bin Saeed Al Lootah
CEO
Lootah Biofuels



Rich Morin
COO
Celeros Flow Technology

Moderator:



Abhay Bhargava
VP & Regional Leader
Energy & Environment
Frost & Sullivan

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Maritime & Logistics Conference programme overview

The maritime industry is a fundamental enabler of global trade and efficient supply chains - it supports 90% of goods transportation and is an invaluable operational pillar for the energy sector.

Heavily reliant on traditional fuels, advances in shipping decarbonisation point the way to diversifying the energy mix in heavy industries worldwide. However, curbing carbon emissions in the maritime sector requires decisive action from all stakeholders across the value chain, supported by progressive policy frameworks to scale up zero emission technology and infrastructure, define future marine fuel pathways and level the playing field for the industry.

As a new generation of maritime professionals enter the workforce and more sustainable shipping business models are developed, new opportunities for collaboration are emerging, enabled by digital advances that strengthen logistics and supply chains through increased automation and technologies



Reducing maritime emissions and increasing operational efficiency in shipping is pivotal to the global energy transition. Decarbonising shipping will set the benchmark for clean technology deployment across heavy industries worldwide, putting pressure on the entire maritime value chain to collaborate and find tangible solutions for sustainable operations. As part of the world's enabling ecosystem for decarbonisation, ADIPEC is the foremost platform for industry stakeholders in the global logistics and supply chain network to establish cross-sector collaborations to drive sustainable progress while holding back maritime emissions.

Captain Abdulkareem Al Masabi
CEO
ADNOC Logistics & Services





Maritime & Logistics Conference themes

The ADIPEC 2023 Maritime and Logistics Conference will bring together industry leaders in shipping and logistics to discuss decarbonisation, digital innovation and viable pathways toward sustainable shipping and resilient supply chains. Key themes addressed at the conference will include:

Policy frameworks shaping maritime decarbonisation

Shipping accounts for 3% of global greenhouse gas emissions, putting pressure on the maritime industry to decarbonise and adopt cleaner fuels. Regulatory policies that incentivise low-carbon technology and deliver emissions accountability will be an essential driver of sustainable operations. To decarbonise shipping, progressive support from regional and national authorities is required to attract the right investment, stimulate demand, and develop the necessary infrastructure to adopt sustainable fuel solutions.

Developing new cross-sector partnerships for sustainable shipping

As the global energy industry transitions towards cleaner fuels and sustainable business models, opportunities for new multi-sector partnerships will be increasingly viable. Collaboration among governments, energy producers, shipowners, fleet operators, fuel bunker producers and ports will be key in creating a cleaner, more sustainable industry. In addition, infrastructure development for alternative energy carriers, such as hydrogen, will help create a platform for multi-stakeholder partnerships across heavy industries and heavy industries.



Decarbonising global maritime and logistics industries at scale

Digital innovation in offshore, maritime and logistics

Technology has a vital role in transforming the maritime industry and digital transformation will be key to resiliency amidst disruptions. Digitally advanced and data-driven operating models, that incorporate technologies such as artificial intelligence (AI), data analytics and blockchain, are increasing efficiency while lowering emissions and improving end-to-end visibility of maritime value chain metrics. Leveraging intelligent technologies in shipping and logistics will result in more resilient and responsive global supply chains, ultimately strengthening trade flows worldwide.



CONFERENCE PROGRAMME

Wednesday 4th October

STRATEGIC PANEL

10:00 – 11:00

Location: Conference Hall A

Defining the regulatory landscape for a sustainable maritime future

Efforts to reduce maritime emissions are making progress, with the EU Emissions Trading Scheme set to include shipping from 2024 onwards, and the FuelEU Maritime Regulation accelerating alternative fuel deployment from 2025. Meanwhile, the International Maritime Organisation (IMO), has mandated ships to report on their energy efficiency and carbon intensity. With significant limitations and variables affecting reporting, regulatory frameworks will need to be globally aligned to avoid a fragmented, multi-tiered policy landscape if the maritime sector is to achieve net-zero carbon by 2050.

Attendee insights

Learn about the latest developments on forward-thinking policy frameworks that enable decarbonisation of the maritime industry, and the next phase of regulations required to make sustainable shipping a reality.

Speakers:



Her Excellency Eng. Hessa Ahmed Hamdan Al Malek
Advisor to the Minister for Maritime Transport Affairs
UAE Ministry of Energy and Infrastructure



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



Eng. Ahmed Ali Al Subaey
CEO
Bahri Group



Andreas Hadjipetrou
Group CCO
Columbia Group



Madadh MacLaine
Secretary General
Zero Emissions Ship Technology Association (ZESTA)



Moderator: John Defterios
Professor of Business
New York University Abu Dhabi

LEADERSHIP PERSPECTIVES

11:00 – 11:45

Location: Conference Hall A

Navigating the future of offshore logistics

As governments and businesses seek to diversify their energy portfolios, global demand for offshore logistics and construction - previously driven in large by the oil and gas industry - is increasingly shifting towards renewable energy infrastructure. The development of the global offshore wind, solar and hydrogen sectors will bring challenges and opportunities to redefine value chains. Shared logistics and new business models to facilitate this transition will need to rely on digitally advanced technologies and collaborative ecosystems, enabling transparent data sharing and new cross-sector partnerships.

Attendee insights

Understand the future pathways for offshore logistics and the evolution of new collaborative shared logistics models, supported by digital enablers.

Speakers:



Captain Mohammed Al Ali
SVP, Offshore Logistics
ADNOC Logistics & Services



Fredrik Larsen
Co-Founder & Chief Innovation Officer
Kabal



Thomas Wylie
Head of Global Strategic Projects
deugro

Moderator:



Martha Vasquez
Partner and Associate Director
BCG

11:45 - 12:00

Networking Coffee Break

Location: Conference Hall A

12:00 – 13:00

Location: Conference Hall A

A new wave for zero-carbon shipping: developing green corridors

Zero-emission trade routes offer opportunities to establish partnerships between ship operators, fuel suppliers, ports and the entire maritime value chain to jointly achieve carbon neutrality goals. As a catalyst for decarbonisation in shipping, green corridors are paving the way towards increased collaboration in a sustainable, multi-stakeholder environment. However, most green corridors are still in the early stages of developments. For sustainable trade routes to become mainstream, proactive input and decisive planning from all stakeholders will be critical.

Attendee insights

Hear about the most recent advances in green corridor development and the potential collaboration opportunities in accelerating sustainable trade.

Speakers:



Constantin Baack
CEO
MPC Container Ships



Dr. Abdullah Al Ahmari
President and CEO
International Maritime Industries (IMI)



Dr. Ahmed Al Abri
CEO
ASYAD Ports



Dheeraj Bhatia
Executive Committee Member & Senior Managing Director
MEA & ISC
Hapag-Lloyd



Dariusz Mroczek
Global Transport Manager
IKEA



Moderator: Susan L. Sakmar
Visiting Assistant Professor
University of Houston Law Center



Tsutomu Yokoyama
Executive Officer & Senior General Manager, Green Business Group
NYK Line



13:00 – 14:00
Networking Lunch

Location:

STRATEGIC PANEL

14:00 – 15:00 **Pursuing certainty in scalable zero-emission marine fuels**

Location: Conference Hall A

The future of zero-carbon shipping is challenging, with commercially viable low carbon fuels unavailable at scale. LNG will play a key role in transitioning the sector, while increased electrification and onboard carbon capture may also contribute to zero-carbon shipping advances. Regulatory policies and cross-stakeholder collaboration are pivotal in de-risking investments in the production, transportation and use of low carbon fuels such as methanol and ammonia, putting pressure on the industry to demonstrate tangible action toward clean marine fuel technology.

Attendee insights

Gain insights into the progress of transitioning traditional marine fuels and the challenges to scaling up alternative fuel options with commercial viability to decarbonise shipping.

Speakers:



Cem Saral
CEO
Cockett Group



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



Christopher Chatterton
COO
Methanol Institute



Abdul Bari AlZubaidi
SVP, Ship Management
ADNOC Logistics &
Services



Jennifer Hooper
SVP, Electrification
Automation & Digitalisation
Siemens Energy



Khalil Hassouni
Principal
BCG

Moderator:

15:00 – 15:30 **Delivering net-zero: securing shipping finance**

Location: Conference Hall A

LEADERSHIP INTERVIEW

Transitioning the maritime industry to net-zero operations requires reliable, long-term investment. While efficiency gains and operational upgrades will secure short-term emissions reduction, net-zero in shipping can only happen through diversification of marine fuels. Regulatory frameworks around alternative fuels remain unclear, presenting financiers and investors with challenges when considering zero-carbon maritime solutions as viable investment opportunities. Public and private sectors will need to collaborate if ambitions for 2050 climate targets are to be met.

Attendee insights

Gain insights into the factors affecting the future of shipping finance and the investment trends shaping the global maritime industry.

Speaker:



Anurag Agarwal
Managing Director & Head of
Portfolio Management - Global
Transportation Group
JP Morgan Asset
Management

Moderator:



Eithne Treanor
Founder & CEO
ETreanor Media

15:30 – 16:15 **Championing the next generation of maritime professionals**

Location: Conference Hall A

Future Workforce

LEADERSHIP PERSPECTIVES

The shipping sector has historically attracted talent through its diverse range of career opportunities. Attracting today's talent, however, is increasingly challenging in the face of global labour shortages, the introduction of new fuel technologies and digital advances that demand new skills. These challenges are in addition to industry requirements around extended time at sea as well as demanding work conditions. How can industry reposition itself as an attractive career of choice, while proactively responding to the changing expectations of its workforce?

Attendee insights

Hear about the evolving requirements for skills, the shifting expectations of the maritime workforce and how business leaders can equip themselves to attract the talent required to remain competitive, while meeting climate responsibilities.

Speakers:



René Kofod-Olsen
CEO
V.Group



Captain Ahmet Özgür Alemdağ
Founder and CEO
Maritime Trainer



Gina Panayiotou
ESG Manager
West P&I



Katie Lea
Director of Culture &
Engagement
V.Group



Dr. Yasser Al Wahedi
President
Abu Dhabi
Maritime Academy



Ali Al Shehab
Global Director
Special Projects
DNV

Moderator:

ADIPEC Forum for Diversity, Equity and Inclusion

A fundamental shift in the relationship between employers and employees is taking place in response to the rapidly changing energy landscape. Organisations across the energy value chain are seeking to create a new, diverse and engaged workforce in step with social and demographic transformations, equipped to harness the emerging digital technology revolution and motivated to deliver the industry's ambitious green transition objectives.

The ADIPEC 2023 Forum for Diversity, Equity and Inclusion will bring together energy leaders and influential industry advocates to inspire open dialogue on diversity, equity, and inclusion and their integral role in creating a more balanced and inclusive future.

The programme will seek to foster conversations between the brightest minds in the public and private sectors inviting cooperation, collaboration and idea-sharing to accelerate progress on the critical issues impacting the industry.

Conversations around bias and inequalities, equal opportunities and representation as well as inclusive and transparent leadership, will inform the discussion, as policymakers, business leaders, organisations and the workforce navigate the changing dynamics of the energy industry workplace.



ADIPEC is a world-class event that embraces one of the most prominent topics in the industry: Diversity, Equity and Inclusion. ADIPEC has provided a great platform along with a highly relevant audience to tackle some of the most important topics around gender balance in the industry. //

Widad Haddad

**Vice President & General Manager UAE, Oman, Yemen & Lebanon
Emerson Automation Solutions**





ADIPEC Forum for Diversity, Equity and Inclusion themes

Focusing on three strategic themes, the conference will identify emerging trends and solutions that will ensure that the industry is ready to embrace opportunities and influence change in this rapidly evolving market.

Aligning vision with action to steer workforce ambition and performance

The competition for talent is at an all-time high and no single solution will recruit, engage and enable a new and innovative workforce. Organisations across the industry must follow through on far-reaching changes, from well-being and development and corporate social responsibility initiatives through to diversity, equity and inclusion commitments. Leaders who demonstrate organisational values and consistency in action will be best positioned to attract and retain next-generation energy system talent.

Driving sustainable development through the power of parity

Growth in the representation of minority groups in decision-making roles across government, business and civil society is still a work in progress. Achieving gender parity in leadership positions can help ensure that policies and decisions reflect the diverse perspectives and needs of all working groups. Raising the bar on equal representation will be key to business continuity and a successful energy transition.



Navigating the future of the energy workforce

Leveraging digital technologies for inclusive access to opportunity

Organisations across the energy industry are navigating the challenges of a diverse and multigenerational workforce. Managing structural inequalities in the workplace through digital tools can help eliminate human bias and promote inclusive decision-making. Employers must continue to invest in adapting technology to remain competitive as the energy landscape changes.

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2023 CONFERENCES

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Wednesday 4 October 2023

10:25 - 11:10

Location: Conference Room B

Upskilling and reskilling talent: the keys to unlocking equal opportunities

Technology, digitisation and digitalisation are critical enablers of the new energy system. The energy industry requires people with digital knowledge and skills to enable technological advances across hydrocarbons as well as emerging green technology solutions. Meanwhile, investments in upskilling and reskilling to retain existing capability, who bring deep industry experience and knowledge to their organisations, are needed. If not managed cautiously, upskilling efforts can indirectly exacerbate the gap for minority groups who suffer from a lack of access to training opportunities, discrimination, and unconscious bias. Ensuring these groups have equal opportunities to acquire new skills and advance in their careers in a new energy system is fundamental to creating a diverse, equitable and inclusive workforce.

Attendee insights

Gain an understanding of the interdependencies between talent, training and technology, and learn what energy organisations are doing to meet the changing demand for talent whilst reskilling and upskilling their existing workforce.

LEADERSHIP PERSPECTIVES

Speakers:



Dr. Nairouz Bader
CEO
Envision Partnership



Muzzamil Khider Ahmed
Chief People Officer
Corporate HR
Baker Hughes



Ms. Lamé Verre
Co-founder
Lean in Equity
and Sustainability

Moderator:



Eithne Treanor
Founder & CEO
ETreanor Media

12:00 - 13:00

Location: ICC Hall

Just energy transition: an engine to drive social equity and inclusivity

Ensuring a just energy transition is important for all countries at all levels of development, but circumstances and expectations differ across regions and industries. The shift to a green economy can also be a catalyst for social inequity, job loss and less competitive markets. To counteract this, policymakers must establish and manage policies and regulatory frameworks to incentivise businesses and investors in the development of environmentally and socially sustainable energy economies based on diversity, equity and inclusion in the workplace.

Attendee insights

Gain insights into the role of governments, businesses, workforce organisations and workers in achieving a just and inclusive energy transition. Understand the importance of social dialogue, public-private partnerships and investment in maximising the social and economic opportunities of the energy transition.

STRATEGIC PANEL

Speakers:



HRH Princess Dr. Moradeun Ogunlana
Founder and CEO
AWHPI Global Foundation
Petroleum



Tsuyoshi Nakai
CEO
Japan Cooperation
Center for Petroleum and
Sustainable Energy



Dr. Rasha Hasaneen
Chief Sustainability Officer
Aspen Technology



Karen Bomber
Chief Commercial Officer,
Energy Industries
ABB



Jennifer Richmond
Executive President, Strategy
& Development
Wood PLC



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



Mucha Hazel Nyandoro
CEO
Manelith

Moderator:



Thursday 5 October 2023

08:30 – 09:00

Location: Conference Room B

Networking reception

A networking reception to welcome attendees with an opportunity to meet peers, fellow diversity, equity and inclusion advocates and the committee members.

09:00 – 10:30

Interactive Roundtable Discussions

Diversity, equity and inclusion industry leaders will host four exclusive roundtable discussions enabling participants to share their perspectives, insights and ideas on key diversity, equity and inclusion topics.

ROUNDTABLE 1

Generational diversity: securing energy business longevity through knowledge sharing

The energy industry continues to navigate changes and challenges created by rapidly evolving new technologies, climate-centric goals and changing talent agendas. The five generations of employees represented in today's workforce (Silent Generation, Baby Boomers, Gen X, Millennials and Gen Z) have differing expectations, skills and life experiences. By fostering generational diversity in their workforces, companies can bring together talent with complementary abilities, skills and information. Managed effectively, they collectively offer better decision-making, more productive collaboration and improved overall results.

Host:



Sidharth Mishra
VP of Global Energy Lead
Wipro

Attendee insights

Recognise the benefits of engaging a multigenerational workforce and how to best facilitate opportunities for each generation as well as across all generations to deliver a successful, just energy transition.

ROUNDTABLE 2

Strengthening a diversity, equity and inclusion culture to address quiet quitting

Quiet quitting, a form of employee disengagement, is a post pandemic challenge for the energy industry. Some of the causes of quiet quitting are factors affecting an employee's well-being, work-life balance, boundaries, and workplace culture. Energy organisations have opportunities to counter this trend through supportive measures in the form of benefits, targeted programming for traditionally under-supported employees, and flexibility in working and career progression.

Speaker:



Deborah Owbin
ADI Transformation
Leader - EEMA
McKinsey & Company

Attendee insights

Gain insights into the role of diversity, equity and inclusion culture and programming, and its ability to improve employee engagement, commitment and delivery for an organisation.

ROUNDTABLE 3

Managing a diverse and inclusive workforce through artificial intelligence

Unconscious bias and social stereotypes influence even the most well-intentioned decision-makers. Across the energy industry, organisations are turning to artificial intelligence (AI) as one means of navigating unconscious bias in their people management processes and practices, recruitment, and skills development to produce a more diverse and inclusive culture. With the help of AI algorithms, companies have the potential to manage people based on objective facts rather than subjective, unintended biases.

Host:



Sofija Janosevic
Human Resources Director &
Sales Coach

Attendee insights

Understand the potential of AI to influence the creation of a diverse and inclusive workplace by helping organisations make unbiased workforce management decisions.



Thursday 5 October 2023

ROUNDTABLE 4

People of determination: ensuring equal opportunity in the energy industry

People of determination, those who need assistance due to a disability that limits their intellectual and/or physical abilities, are more likely to experience discrimination and social isolation, as well as a lack of access to education and employment. For those reliant on assistive technology and healthcare, access to affordable and reliable energy is critical to their quality of life and improved opportunities. Purposeful representation of people of determination across the energy value chain fosters more inclusive, supportive and accessible energy services and solutions for all.

Speaker:



Dr. Saundarya Rajesh
Founder & President
Avtar Group

Attendee insights

Gain a deeper understanding of the energy challenges faced by people of determination and the importance of their representation in developing energy services and solutions.

STRATEGIC PANEL

10:45 – 11:45

Location: Conference Room B

Millennials and Gen Z workforce: what motivates them and why it matters

The future of work is changing, influenced largely by the shifting priorities of the workforce. Younger people are more inclined to reject job opportunities with a company that does not align with their values on, for instance, climate change or diversity, equity and inclusion expectations. Energy organisations that fail to recognise this will face an uphill battle when it comes to attracting and retaining employees. To navigate an increasingly competitive employment market successfully, businesses must consider what motivates different employee segments and how to best engage them.

Attendee insights

Learn why organisations should understand what motivates younger workers and how organisational values can align with changing expectations for the environment, work experience and corporate accountability.

Speakers:



Dr. Carole Nakhle
CEO
Crysol Energy



Molly Determan
President
Energy Workforce & Technology Council



Prof. Ghassan Aouad
Chancellor
Abu Dhabi University

Moderator:



Simon Andrews
VP, HR Operations
Engineering & Consulting
Kent



Rebecca McLaughlin-Eastham
TV Anchor & MD
RME Media

LEADERSHIP PERSPECTIVES

11:45 – 12:30

Location: Conference Room B

Accelerating gender parity to facilitate the energy transition and climate ambitions

Only one in five leadership roles in the energy sector is held by a woman, according to the World Economic Forum's Global Gender Gap Report 2022. Increasing diversity improves business and innovation opportunities, but the lack of female role models means attracting and retaining women is more challenging. Creating an equitable environment for women is seen as key to a successful energy transition and achieving climate goals.

Attendee insights

Understand how gender parity is critical to a successful energy transition and climate goals as well as the actions leaders are pursuing to establish gender parity within their organisations and across the energy industry.

Speakers:



Ivanka Mamic
SVP, Sustainability
bp



Amru Alabidi
SVP - Oman, UAE
Iraq, North Africa
Worley



Yasmine Afifi
Senior Corporate Counsel
Middle East, North Africa and
Turkey
AWS

Moderator:



Rebecca McLaughlin-Eastham
TV Anchor & MD
RME Media



Thursday 5 October 2023

12:30 – 13:00

Location: Conference Room B

LEADERSHIP INTERVIEW

From work-life balance to work-life integration: cultivating a supportive workplace culture

Work-life balance has traditionally focused on keeping work and personal responsibilities separate—but equal. A new concept is emerging referred to as work-life integration where work and personal responsibilities are viewed as two parts of a person's life that must coexist together in an integrated way. The concept encompasses an organisational culture that allows for open dialogue between employees and employers to address personal lives in the context of jobs and careers. Through this lens, workers see work-life integration as the capacity to organise work ambitions and responsibilities around their individualised and personal list of priorities. For women - who often assume multiple roles outside of their jobs - this broader flexibility can be particularly important in allowing them to manage what used to be considered conflicting responsibilities. For energy organisations in particular, it is important to embrace the supportive mechanisms that allow employees to achieve their ambitions in their professional and personal lives.

Attendee insights

Gain an understanding of work-life integration, how it differs from work-life balance, and how it creates a supportive framework that allows employees to thrive personally and professionally.

13:00 – 14:00

Location: Conference Room B

Networking lunch hosted by AWS

An interactive lunch arranged for attendees to meet peers, exchange ideas and form valuable industry connections.

14:30 – 15:30

Location: Conference Room B

DEI WORKSHOP

Inclusive leadership: driving diversity, equity and inclusion from intention to action

When people feel included, they speak up more, are more productive and collaborate better. These are all key contributors to raising organisational performance as well as attracting and retaining talent. Inclusive leadership is emerging as a unique and critical capability to enable senior and middle management to help organisations adapt to diverse customers, markets, innovation and talent. From tangible diversity, equity and inclusion commitments to an open mindset to cultural intelligence, there are key traits that leaders can hone to build a positive workplace culture, enhance their employees' experience and improve organisational performance.

Attendee insights

Learn about the essential leadership skills that influence an organisation's diversity, equity and inclusion culture and agenda as well as how it can create more successful outcomes for employees and organisational performance.

Hosts:



Lamé Verre
Co-founder
Lean in Equity and Sustainability



Asma Almani
MENA Chair
Lean in Equity and Sustainability

Facilitator:

**LEAN IN
EQUITY &
SUSTAINABILITY**

Closing remarks

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Conference pass packages

ALL ACCESS CONFERENCE PASS

- Strategic Conference - 4 Day Conference Pass
- Technical Conference (SPE) - 4 Day Conference Pass
- Hydrogen Strategic Conference
- Decarbonisation Strategic Conference
- Manufacturing and Industrialisation Conferences (Strategic and Technical)
- Maritime & Logistics Conference
- The ADIPEC Forum for Diversity, Equity and Inclusion
- Downstream Technical Conference - 4 Day Conference Pass
- Future Leaders Programme - Free to attend
- Delegate Lunches
- Access to Exhibition Halls and Theatres

\$6,195

STRATEGIC CONFERENCE

- Strategic Conference - 4 Day pass
- Delegate Lunches
- Access to Exhibition Halls
- Future Leaders Programme

\$5,355

HYDROGEN STRATEGIC CONFERENCE PASS

NEW FOR 2023

- Hydrogen Conference - 2 Day pass
- Delegate Lunches
- Access to Exhibition Halls

\$2,650

DECARBONISATION STRATEGIC CONFERENCE PASS

NEW FOR 2023

- Decarbonisation Strategic Conference - 4 Day pass
- Delegate Lunches
- Access to Exhibition Halls

\$2,650

TECHNICAL CONFERENCE 4 DAY PASS

- Technical Conference - 4 Day pass
- Delegate Lunches
- Access to Exhibition Halls

SPE MEMBERS

STANDARD PRICE

\$1,490

\$1,665

TECHNICAL CONFERENCE 2 DAY PASS

- Technical Conference - 2 Day pass
- Delegate Lunches
- Access to Exhibition Halls

SPE MEMBERS

STANDARD PRICE

\$965

\$1,560

TECHNICAL CONFERENCE SPEAKER /COMMITTEE MEMBER PASS

- Technical Conference - 4 Day pass
- Delegate Lunches
- Access to Exhibition Halls

\$770

MANUFACTURING & INDUSTRIALISATION STRATEGIC CONFERENCE PASS

- Manufacturing and Industrialisation Strategic Conference - 2 Day pass
- Delegate Lunches
- Access to Exhibition Halls

\$2,650

MANUFACTURING & INDUSTRIALISATION TECHNICAL CONFERENCE PASS

- Manufacturing and Industrialisation Technical Conference - 4 Day pass
- Delegate Lunches
- Access to Exhibition Halls

\$1,665

MARITIME & LOGISTICS CONFERENCE PASS

- Maritime & Logistics Conference - 1 Day pass
- Delegate Lunch
- Access to Exhibition Halls

\$945

FORUM FOR DIVERSITY, EQUITY AND INCLUSION CONFERENCE PASS

- Forum for Diversity, Equity and Inclusion - 1 Day pass
- Delegate Lunch
- Access to Exhibition Halls

\$945

DOWNSTREAM TECHNICAL CONFERENCE PASS

- Downstream Technical Conference - 4 Day pass
- Delegate Lunches
- Access to Exhibition Halls

\$1,665

About the Exhibition



ADIPEC in numbers

160,000+

Attendees

2,200+

Exhibiting
companies

Hosted by ADNOC, ADIPEC builds on its nearly 40-year legacy as an inclusive platform convening the public sector, leaders in energy and technology, the financial community and private enterprise stakeholders from a wide spectrum of industries and sectors, as well as future talent.

Providing a world-class environment for trade across the energy industry's full value chain, ADIPEC helps generate the highest value and measurable returns on investment for international, regional and local energy businesses and professionals.

Over 2,200 companies from across the world, representing the entire energy ecosystem and beyond, will come together at the ADIPEC Exhibition to showcase the latest strategies and innovations that are defining the energy of tomorrow.

By bringing together the industry's changemakers and disruptors, the exhibition seeks to foster cross-sector collaboration and game-changing partnerships that will make a lower-carbon, higher-growth world a reality.

54

NOC, IOCs, NECs
and IECs

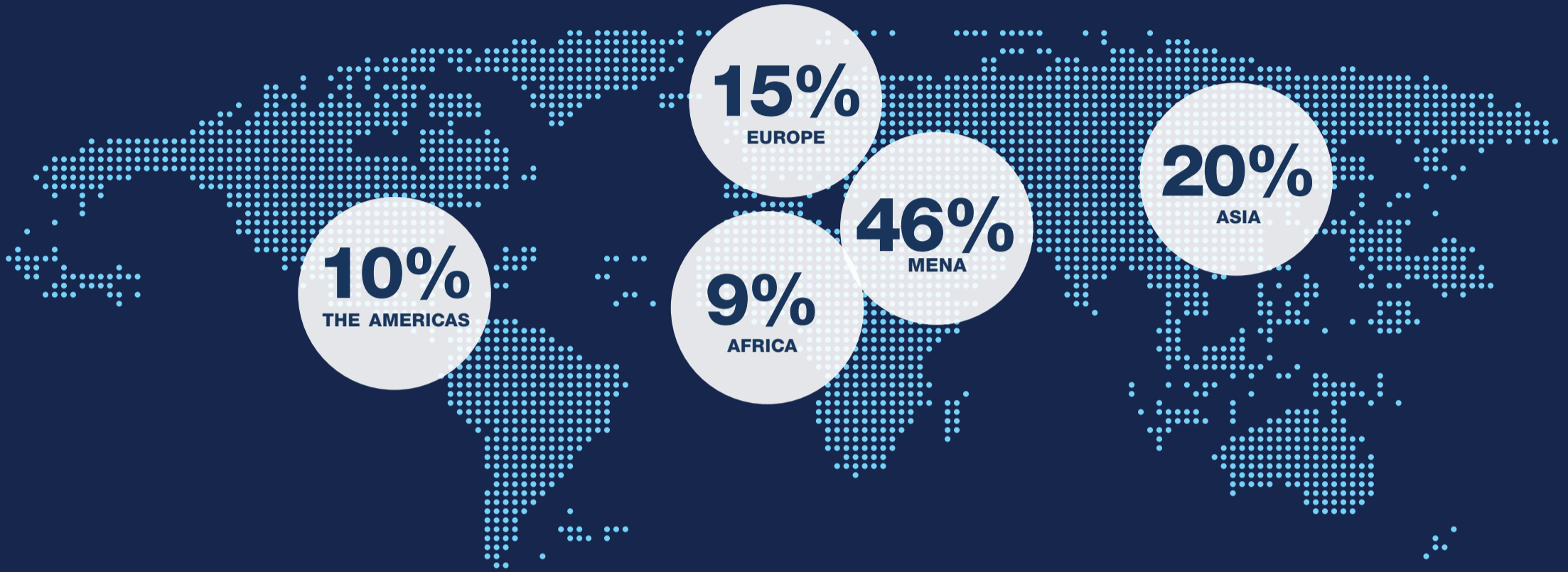
30

Country pavilions

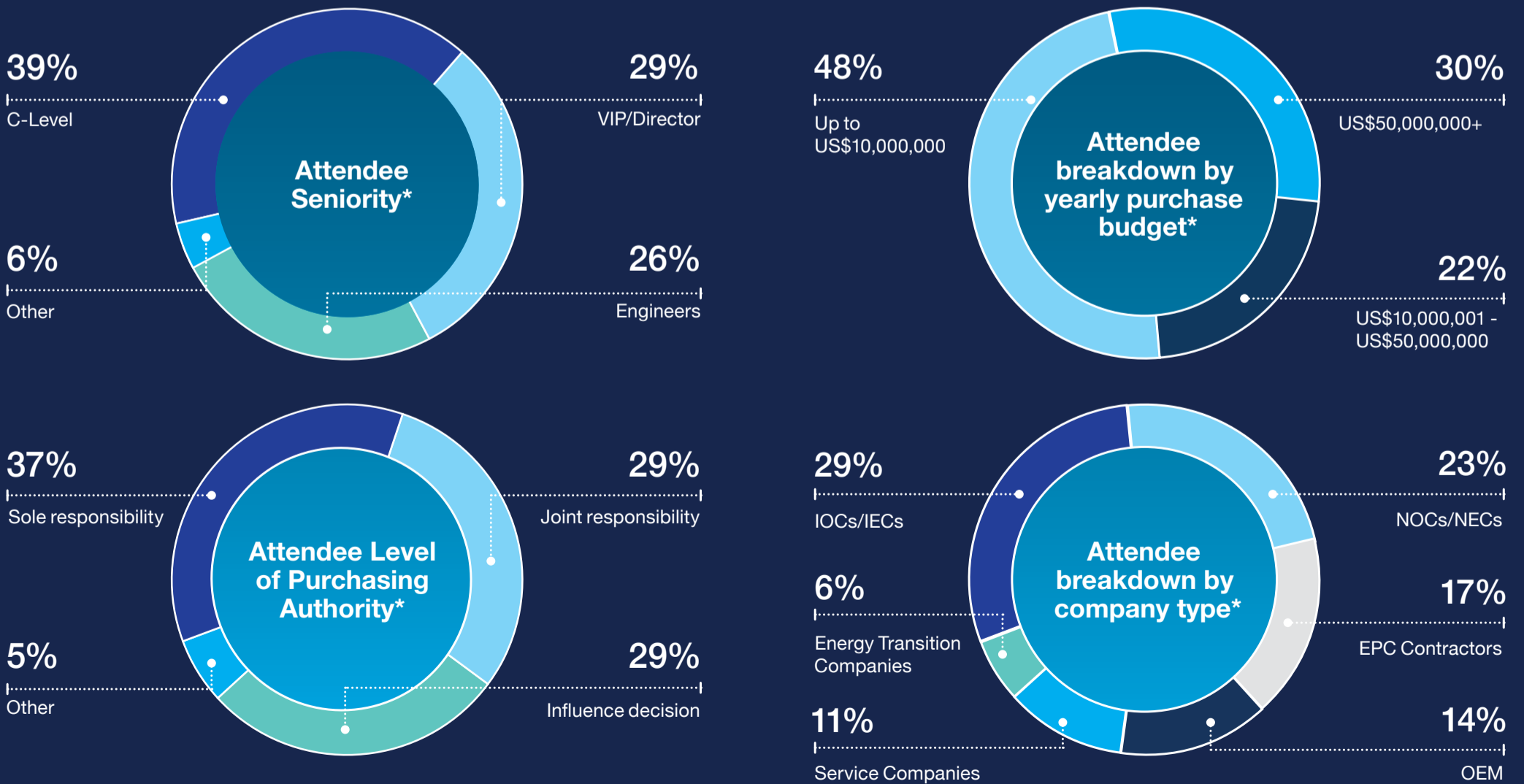


A truly global platform

A global business platform enabling over 160,000 energy professionals from around the world to identify and progress solutions that address the energy trilemma of secure, affordable and sustainable energy supply.



The world's most influential meeting point for energy professionals



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



2,200+ exhibiting companies including 54 NOCs, IOCs, NECs and IECs from around the world

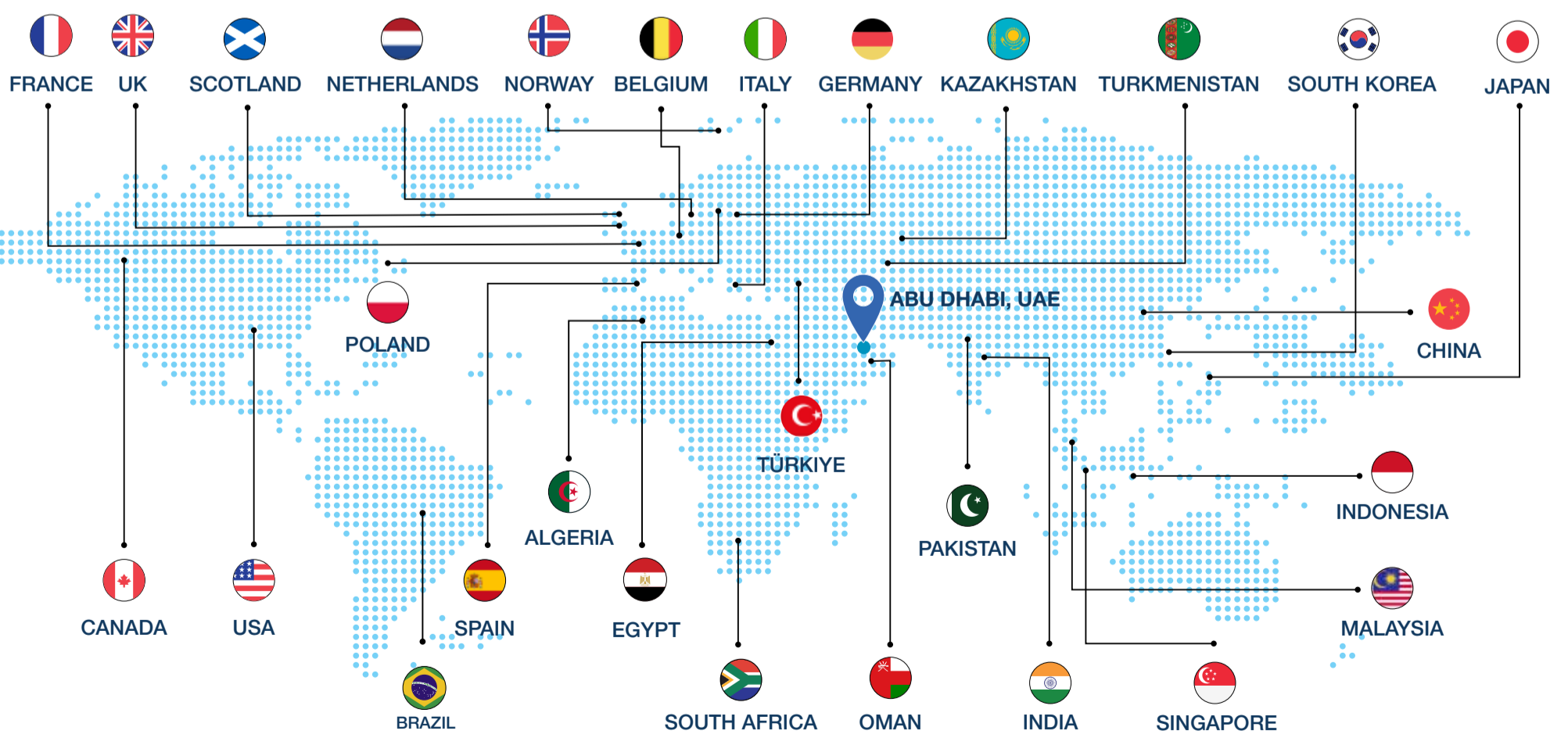
ADIPEC convenes leading energy companies from around the world to showcase their most innovative and game-changing technologies and solutions shaping the future of the industry.





A platform for international collaboration

At the heart of the international energy sector, ADIPEC provides a platform for exhibitors from 58 countries, including 30 official country pavilions. ADIPEC provides the ultimate business platform where companies convene for international collaboration, boosting bilateral trade and discussing innovations for a better energy future. Exhibiting international country pavilions at ADIPEC include:



Specialised areas at ADIPEC 2023

Advancing the decarbonisation agenda from goals to action

The ADIPEC Decarbonisation Accelerator

Brand new this year, the ADIPEC Decarbonisation Accelerator is a dedicated area that enables organisations to showcase their game-changing projects and solutions driving decarbonisation at scale. Visitors can experience the spark of disruptive thinking, witness industry-adopted decarbonisation strategies and explore innovations reshaping the energy ecosystem.

Within the Decarbonisation Accelerator, a dedicated Start-up Hub will host the pioneers presenting groundbreaking technologies advancing the future of decarbonisation and accelerating energy progress.



Decarbonising global maritime and logistics industries at scale

Maritime & Logistics Zone

The Maritime & Logistics Zone is a leading global gathering of the offshore, marine, maritime, shipping, and logistics in the energy sector. Co-located with ADIPEC, it provides a platform for attendees to stay current with the latest tech advancements, connect with new buyers, and build partnerships and business opportunities with NOCs, IOCs, NECs, IECs, service companies, EPC contractors, subsea engineering firms, and supply chain companies. In addition, the Maritime & Logistics Conference brings together industry leaders, influencers and decision-makers from the global offshore and marine supply chain, sharing their insights and perspectives on the industry's challenges and opportunities.



Enabling game changing technology innovation for a lower-carbon world



Digitalisation in Energy Zone

The dedicated Digitalisation in Energy Zone at ADIPEC is a global showcase of existing and emerging technological solutions that can help the energy sector unlock untapped value and opportunities as digital technology becomes more deeply integrated into all aspects of operations. As the energy industry focuses on identifying the most effective solutions to adapt their businesses to deliver clean energy solutions for their customers, the exhibition will bring together disruptive SMEs and leading technology companies from the entire digitalisation spectrum, together with leading energy companies, to anticipate and identify the digital solutions required to ensure a practical and progressive energy transition.



Enabling sustainable industrial development



Manufacturing & Industrialisation Exhibition and Conference

The Manufacturing & Industrialisation Exhibition & Conference provides a unique platform for the manufacturing industry to understand the complexities of the energy transition and identify the opportunities for manufacturing in a net-zero carbon economy. Bridging the gap between energy, manufacturing and high-tech sectors to accelerate economic development and diversification, the Manufacturing and Industrialisation Exhibition & Conference will enable manufacturers, in partnership with the energy industry, to unlock greater value and boost productivity as rapidly evolving technologies, including artificial intelligence, the internet of things and advanced robotics, transform value chains. Alongside the Manufacturing & Industrialisation Exhibition & Conference the the ADIPEC Cross-Sector Co-Lab will showcase successful partnerships driving transformation and inspiring innovation in the energy, heavy industry and manufacturing sectors.



ADIPEC's sustainability commitment and actions

ADIPEC recognises the need for collaborative action and tangible solutions to tackle critical climate and energy challenges the world faces today. Towards this end, ADIPEC 2023 is engaged in five broad areas to advance its own climate action leadership. Committing to current and future sustainability. ADIPEC has become a signatory of the Climate Neutral Now Pledge from UNFCCC, a global programme to increase climate action amongst companies, organisations, individuals and the public sector. The pledge encourages organisations to act now to achieve a climate-neutral world by 2050, as enshrined in the Paris Agreement.

We are also developing a robust roadmap towards carbon neutrality and adopting an actionable Carbon Management Plan to estimate our carbon footprint and establish clear mitigation strategies.

Reducing ADIPEC's operational footprint

As part of our commitment to supporting a cleaner, more sustainable future, ADIPEC has implemented a series of initiatives and formed partnerships to reduce the environmental impact of the event.

- ADIPEC 2023 Clean Energy Partner Emirates Electricity and Water Company (EWEC) is supplying clean energy for all electricity used within the halls for ADIPEC 2023, including build-up and breakdown, certified by Clean Energy Certificates from EWEC.
- The external ADIPEC exhibition tents surrounding ADNEC will be partially powered by solar energy, as part of our partnership with Aggreko.
- Additionally, as part of our efforts to preserve resources and reduce waste, ADIPEC is:
 - Prioritising the use of recycled paper and plastic materials onsite
 - Facilitating the composting of food waste
 - Using food waste reduction software Winnow
 - Providing recycling bins throughout the venue

Promoting sustainability amongst ADIPEC stakeholders

ADIPEC advocates for our stakeholders – who include attendees, vendors, suppliers, and participants – to embrace sustainable methodologies and practices to improve the overall environmental impact of the event.

- Detailed sustainability guidelines have been introduced in our Exhibitor Manual to encourage our more than 2,200 exhibitors to adopt environmentally-responsible behaviours and practices.
- ADIPEC has partnered with CHOOOSE to provide its participants with access to a carbon tracking tool to estimate their carbon emissions, which they can then offset.



Uniting nations and industries to advance climate action

ADIPEC 2023's rich conference and exhibition programme is bringing together sectors and nations under the theme of 'Decarbonising. Faster. Together.' to advance climate action.

- ADIPEC's 10 conferences and their 350+ sessions have been curated to address some of the world's most pressing climate and energy challenges, with more than 200 of these sessions focusing on decarbonisation specifically.
- With 30 dedicated country pavilions, ADIPEC is providing a platform for international collaboration, showcasing how nations from around the world are tackling decarbonisation and the energy transition to support global climate and energy goals.
- Featuring more than 2,200 companies across the entire energy ecosystem, ADIPEC is showcasing the latest strategies and innovations that are defining the future of energy.
- ADIPEC's 15 exhibition halls include four specialised exhibition areas that seek to facilitate cross-sector collaboration and the game-changing partnerships needed to accelerate energy progress

Platforming decarbonisation solutions for transformational progress

ADIPEC 2023 is focused on sparking innovative thinking and platforming the tangible solutions driving decarbonisation and future-proof our energy system.

- A dedicated area on the show floor, the Decarbonisation Accelerator enables organisations to showcase their game-changing projects and solutions driving decarbonisation at scale. Within the accelerator, the Start-up Hub will host the pioneers presenting groundbreaking technologies accelerating energy progress.
- The Decarbonisation Connect initiative encourages exhibitors to showcase their decarbonisation strategies and innovations through dedicated presentations at their stands to foster critical thinking, increase use cases and support the global energy transition.
- The 2023 ADIPEC Awards' eight new categories have been curated to address key global energy challenges and reflect the need for universal access to clean and secure energy.



Host



Strategic Conference Programmes

2-5 October 2023

Abu Dhabi, UAE

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Head of Delegate Sales

delegate@adipec.com

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