



مؤسسة عبدالله بن حمد العظيمة
الدولية للطاقة والتنمية المستدامة
The Abdullah Bin Hamad Al-Attiyah
International Foundation for Energy
& Sustainable Development
(A Non-Profit Organization - مؤسسة غير ربحية)



COP28
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COP28

AL-ATTIYAH FOUNDATION PROGRAMS AND ACTIVITIES

DATE: 30-11-2023 - 13-12-2023

About the Foundation

Abdullah bin Hamad Al-Attiyah



His Excellency Abdullah bin Hamad Al-Attiyah's illustrious career in the energy industry is unparalleled. In the State of Qatar, H.E. Al-Attiyah served as Minister of Energy and Industry and Chairman and Managing Director of QatarEnergy.

Internationally, H.E. was elected President of the Organization of the Petroleum Exporting Countries (OPEC) numerous times, Chairman of the United Nations Commission on Sustainable Development and President of the 2012 United Nations Climate Change Conference (COP18) that was held in Doha.

The Al-Attiyah Foundation is the only independent, non-profit energy and sustainable development think tank in Qatar. Building upon His Excellency Abdullah bin Hamad Al-Attiyah's work and forty years of service to the energy industry, the Foundation has quickly become a hub for thought leadership in the fields of

energy and sustainable development domestically and internationally. Since its inception in 2015, the Al-Attiyah Foundation has remained unwaveringly committed to providing expert analysis and insights on serious global, regional, and country-specific challenges and opportunities on energy and sustainable development themes.

The themes are explored through our publications including industry leading research papers, current affairs articles, daily news briefings and regular podcast interviews with prominent figures.

The Foundation also invites global experts to share their opinions with its members and partners during the quarterly CEO Roundtable, Webinar Series and a variety of dialogue sessions held throughout the calendar year.

Award



The annual Abdullah Bin Hamad Al-Attiyah International Energy Awards for Lifetime Achievement celebrates the legacy of H.E. Al-Attiyah by honouring individuals for their career accomplishments in the global energy and sustainable development sectors.

Quarterly CEO Roundtable



The CEO Roundtables provide a platform for knowledge exchange between industry leaders, serve as crucial networking opportunities and bolster support for the worldwide community's pursuit of a sustainable energy-powered future.

Publications



The Foundation produces daily news articles on oil and gas prices, monthly reports on pertinent energy and sustainable development topics, special articles, an annual academic study, and more. These best-in-class papers are distributed to Foundation Members and the wider community.

Podcasts & Webinars



The Foundation produces two podcasts a month. During each 20-minute episode, prominent energy industry leaders share insights into their career journeys and delve into the prevailing themes within their realm of expertise.

Events



The Foundation facilitates dialogues and workshops on energy and sustainable development topics throughout the year. For example, at the 2022 United Nations Climate Change Conference (COP27) in Sharm El Sheikh, the Foundation hosted a discussion titled 'Natural Gas - Does It Have a Role in the Energy Transition?'

The Foundation at COP28



After a year of extreme weather around the world, including the hottest 12 months ever recorded, world leaders, scientists, activists, and others will convene at the 2023 United Nations Climate Change Conference (COP28) in Dubai, United Arab Emirates.

COP28 comes at a critical juncture. Nations have been submitting their Nationally Determined Contributions (NDCs) over the past five years, and the subsequent assessment of the results, or 'Global Stock Take', will be scrutinised during the conference.

The Al-Attayah Foundation pavilion at COP28 will serve as a hub for critical knowledge sharing and networking as the world plots and plans the next few years of global action to slash the greenhouse gas emissions causing climate change.

Visitors to the pavilion will have the opportunity to learn more about the Foundation's work and participate in eight dialogue sessions.

These sessions will focus on net-zero targets, pathways to a world powered by sustainable resources, General Electric's energy transition commitments, carbon markets, hydrogen production, green finance, natural gas's role in the transition, and water in the Middle East.

For further details on each dialogue session, please refer to the following pages.

Venue:

Pavilion No - TA4-220

Pavilion Location - Thematic Arena

Schedule

No.	Date	Day	Themes
01	30/11/2023	Thursday	OPENING DAY
02	01/12/2023	Friday	10:00 - Energy Scenarios for a Net-Zero World Dialogue 14:00 - Presentation
03	02/12/2023	Saturday	10:00 - The Power Sector and Commitments to the Energy Transition Dialogue 14:00 - Presentation
04	03/12/2023	Sunday	10:00 - Deconstructing the Legal Elements of Carbon Credits Dialogue 14:00 - Presentation
05	04/12/2023	Monday	10:00 - Hydrogen Delivery Dialogue 14:00 - Presentation
06	05/12/2023	Tuesday	10:00 - Energy Transition - Connecting Discussion in GCC and Asia Dialogue 14:00 - Presentation
07	06/12/2023	Wednesday	Pavilion Open
08	07/12/2023	Thursday	Rest Day
09	08/12/2023	Friday	10:00 - QFZ – Green Finance Dialogue 14:00 - Presentation
10	09/12/2023	Saturday	10:00 - Natural Gas in Energy Scenarios Dialogue 14:00 - Presentation
11	10/12/2023	Sunday	10:00 - The Nexus of Climate Change and Water Security Dialogue 14:00 - Presentation
12	11/12/2023	Monday	Pavilion Open
13	12/12/2023	Tuesday	Pavilion Open

Theme: Net-Zero Targets

With little time left to halt the continuous increase in greenhouse gas (GHG) emissions into the atmosphere (i.e., achieving net-zero), the next few years will be critical for our planet.

10.00 – Energy Dialogue - Panel Discussion

Title: Energy Scenarios for a Net-Zero World

Synopsis:

For the first AI Attiyah Foundation Energy Dialogue of COP28, international experts will provide new insights into short and long-term scenario planning and will answer questions such as “what will be the key features of supply and demand for energy in 2024?” This question is particularly pertinent in the face of the increasing focus on fossil fuels in climate change negotiations.

Moderator: Axel Threlfall, Editor-at-Large, Reuters

14.00 - Presentation

Title: TBC

Presenter: TBC

Theme: The Power Sector and the Energy Transition

Key players in the power sector, such as General Electric (GE), have pledged to play an advancing role in the global energy transition by building effective decarbonisation solutions.

10.00 – Energy Dialogue - Panel Discussion

Title: The Power Sector and Commitments to the Energy Transition

Synopsis:

Expert speakers will discuss how the strategic deployment of renewables and gas power along with modernising the grid can help change the global trajectory of climate change, enabling substantive reductions in emissions quickly while continuing to accelerate technologies for low or near zero-carbon power generation.

Moderator: Nawied Jabarkhyl, Director, APCO Worldwide

14.00 - Presentation

Title: TBC

Presenter: TBC

Theme: Carbon Markets

Voluntary carbon markets allow carbon emitters to offset their unavoidable emissions by purchasing carbon credits emitted by projects targeted at removing or reducing GHG from the atmosphere.

10.00 – Energy Dialogue - Panel Discussion

Title: Deconstructing the Legal Elements of Carbon Credits

Synopsis:

Compliance and voluntary carbon credit markets can accelerate global climate efforts by mobilising finance for additional and ambitious climate action. During this discussion, experts will discuss the role of carbon credits, the key fault lines relating to the integrity of carbon credits, their use, and how such concerns can be addressed.

Moderator: Eithne Treanor, Media Trainer and Communications Expert

14.00 - Presentation

Title: The Legal Nature of Carbon Credits

Presenter: Ipshita Chaturvedi, Partner, Dentons Rodyk & Davidson

Theme: Emerging Hydrogen Production

Hydrogen is the most abundant element in the universe and burns without emitting carbon dioxide. Due to these properties, many experts have claimed that it is the “wonder fuel” and could play a major role in the race to net-zero emission by midcentury.

10.00 – Energy Dialogue - Panel Discussion

Title: Hydrogen Delivery

Synopsis:

During this panel discussion, global experts, captains of industry and esteemed guests will examine the practical problems associated with using hydrogen as a fuel and the strategies that countries can adopt for the element to play its part in the transition to low fossil fuel, low emission economies.

Moderator: Axel Threlfall, Editor-at-Large, Reuters

14.00 - Presentation

Title: Hydrogen Technology

Presenter: David Hart, Partner, Hydrogen and Fuel Cells, ERM

Theme: Energy Transitions

The ongoing energy transition could have a major impact on relations between the Gulf Cooperation Council (GCC) countries and large Asian nations.

10.00 - Energy Dialogue - Panel Discussion

Title: Energy Transition - Connecting Discussion in GCC and Asia

Synopsis:

Historically, fossil fuels have flowed from the GCC to the large economies of Asia. However, the ongoing energy transition and the shift towards renewables could change the dynamics of trade between the two regions. In this dialogue, global experts will discuss how the relationship between these historical trading partners will change in the coming years.

Moderator: Nawied Jabarkhyl, Director, APCO Worldwide

14.00 - Presentation

Title: TBC

Presenter: TBC

Theme: Green Finance

Green financing seeks to increase the financial flows (from banking, micro-credit, insurance and investment) from the public, private and not-for-profit sectors to sustainable development priorities,

10.00 - Energy Dialogue - Panel Discussion

Title: Qatar Free Zones Authority (QFZ) – Green Finance

Synopsis:

Green financing can be promoted through changes in countries' regulatory frameworks, alignment of public sector financing decision-making with the environmental dimension of the UN's Sustainable Development Goals, and so on. This dialogue will bring together senior policymakers and experts, to discuss the implications of climate change for financial stability, central bank and regulatory policies, and the greening of financial markets.

Moderator: Nawied Jabarkhyl, Director, APCO Worldwide

14.00 - Presentation

Title: Reach the Future First, Sustainability from Qatar Free Zone Perspective

Presenter: Ahmed Elidrisy, Environment and ESG Adviser, QFZ

Theme: Natural Gas

While natural gas had historically been linked to pipelines and supply contracts ran for decades, the expansion of LNG infrastructure has allowed to increase market flexibility and liquidity.

10.00 – Energy Dialogue - Panel Discussion

Title: Natural Gas in Energy Scenarios

Synopsis:

The conventional justifications for natural gas have primarily revolved around its role as a reliable partner in the shift towards cleaner energy and its capacity to fill the void left by diminishing coal and oil resources. However, these arguments are currently being challenged due to global events. In this discussion, experts will explore how natural gas supply can be guaranteed both today and, in the future, and at what price.

Moderator: Nawied Jabarkhyl, Director, APCO Worldwide.

14.00 - Presentation

Title: Energy Security Scenarios

Presenter: TBC

Theme: Middle East Institute - Water

The Middle East Institute will arrange the Activities for the day including panel discussion and presentation.

10.00 – Energy Dialogue - Panel Discussion

Title: The Nexus of Climate Change and Water Security

Synopsis:

The intersection of climate change and water security in the Middle East represents a complex challenge for the region. Already characterised by arid and semi-arid climates, the Middle East is highly vulnerable to the impacts of climate change, including increased temperatures, reduced rainfall, and more frequent and severe droughts.

Moderator: Dr. Mohammed Mahmoud, Climate and Water Program Director, Middle East Institute

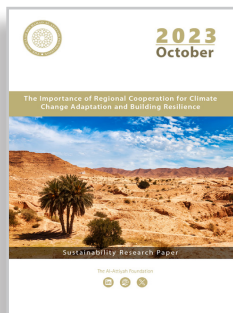
14.00 - Presentation

Title: Water: The Biggest Blindspot in Global Climate Discussions

Presenter: Mohammed Mahmoud, Climate and Water Program Director, Middle East Institute

The Foundation's Work

SUSTAINABILITY RESEARCH PAPERS



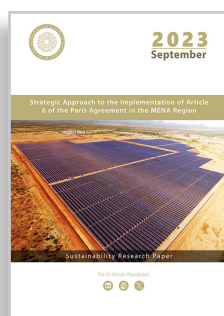
October – 2023

The Importance of Regional Cooperation for Climate Change Adaptation and Building Resilience

The global community stands at a pivotal juncture in its fight against climate change. As the impacts of climate change become increasingly evident, the need for collective action and regional cooperation in addressing its impacts gains prominence. Climate change's impacts cut across all sectors and levels of governance, underscoring the necessity for regional cooperation through multi-stakeholder partnerships.



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September – 2023

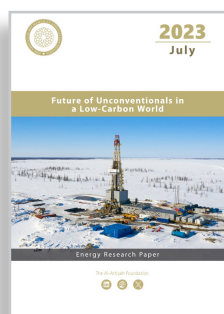
Strategic Approach to the Implementation of Article 6 of the Paris Agreement in the MENA Region

Since the adoption of the 'rulebook' for international carbon markets and nonmarket approaches under Article 6 in 2021, many countries have moved towards the implementation of international market-based cooperation.



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ENERGY RESEARCH PAPERS



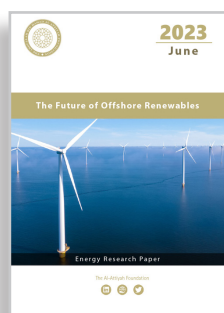
July – 2023

Future of Unconventionals in a Low-Carbon World

Over the past 20 years, unconventional resources have become a significant part of the global energy mix, accounting for onethird of the world's total oil & gas supplies. However, to achieve net-zero goals by 2050-2070 and the Paris Agreement's target of keeping global temperature increases below 1.5°C, a significant transition is required in the next 30 years.



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July – 2023

The Future of Offshore Renewables

Offshore renewable resources can be captured through various technologies such as offshore fixed or floating wind turbines, floating solar photovoltaic panels, wave and tidal conversion systems, and other ocean energy technologies such as ocean thermal energy conversion and salinity gradient.



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The Foundation's Work

PODCASTS



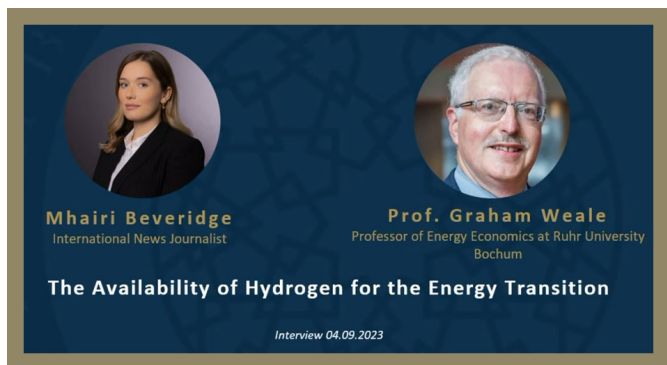
15/06/2023

KPC Bullish on Its Role in the Global Oil Market

The Al-Attiyah Foundation and Sheikh Nawaf Saud Nasir Al-Sabah, the Deputy Chairman and CEO of Kuwait Petroleum Corporation (KPC), discuss Kuwait's role in the global energy market, the country's sustainability goals and COP28.



(QRCO.DE)



09/04/2023

The Availability of Hydrogen for the Energy Transition with Professor Graham Weale

The Al-Attiyah Foundation is joined by Professor Graham Weale. Professor Weale is a recognised authority on energy markets with over 40 years' experience. He has been Professor of Energy Economics at the Ruhr University Bochum since 2016.



(QRCO.DE)



12/04/2023

Dragon Rising: China's Role in the Global Energy Industry with Dr. Michal Meidan

The Al-Attiyah Foundation is joined by Dr. Michal Meidan to discuss China's role in the global energy industry. Dr. Meidan is the Director of China Energy Research at the Oxford Institute for Energy Studies (OIES). Before joining OIES in July 2019, she was Vice President Research at Energy Aspects and headed China Matters, an independent research consultancy.



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Thank you for participating

