

WELCOME

Dear Industry Colleagues,

It is our greatest pleasure and honor to chair the 1st Kuwait Int'l Hydrogen Technology Symposium and Exhibition, themed "The Kuwait Hydrogen Outlook from Vision to Action", 5-6 March 2024, at Hilton Resort Hotel, Kuwait City.

Now more than ever the World calls for energy evolution, affordability, and security, where Hydrogen could play a pivotal role in the transition towards a low-carbon economy and sustainable future. In response to the demand for cleaner energy, Kuwait possesses all vital resources for the production of both "blue" and "green" hydrogen.

Reaching a Net-zero economy will require the development of commercial-scaled hydrogen infrastructure that can facilitate both production and distribution, a prerequisite, which the country already works on. Putting Kuwait on the map of the world's leading Hydrogen players demands a wide range of tools - strategic, financial, and policy ones, along with adopting state-of-the-art production technologies.

Time and time again, our country leaders have strongly reconfirmed their long-term commitment to achieving carbon neutrality in the oil and gas sector by 2050, and in other sectors by 2060.

Held over two days, the symposium raises awareness and calls for action. It provides a platform to discuss the latest technological advancements, investment opportunities, and policy frameworks necessary for scaling up hydrogen infrastructure locally, regionally, and globally.

The time for action is now. Please come and join us on this exciting journey.

Executive Committee Co-Chair

Abdullah Al-Mutairi

Manager Production and Projects - GAS
Kuwait Oil Company

Executive Committee Co-Chair

Peter Jensen

ETSAs Contract Manager North Kuwait
Jurassic Gas Shell

EXECUTIVES CHAIRS



ADNAN SHIHAB-ELDIN
Honorary Executive Advisor



Executive Committee Co-Chair
ABDULLAH AL-MUTAIRI
Manager (Production & Projects - GAS)
Kuwait Oil Company



Executive Committee Co-Chair
PETER JENSEN
ETSA Contract Manager
North Kuwaiti Jurassic Gas Shell

EXECUTIVE COMMITTEE MEMBERS

FOR SYMPOSIUM / 5 - 6 MARCH 2024
(Members in Alphabetical Order)



ENG. ABDUL HADI ALAJMI
Research & Development Director
Equate



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Assistant Professor, Programme Director,
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BADRIA FARHAD
Former Heavy Oil Manager - NK, KOC



DR. SALEM ALHAJRAF
Research Scientist
KISR



DR. FOWZIA ABDULLA
Professor Petroleum Geology
Kuwait University



Mohamed Al Shatti
Former KPC, KOC Executive



DR. MEENA MARAFI
KISR

PROGRAMME COMMITTEE MEMBERS

FOR SYMPOSIUM / 5 - 6 MARCH 2024
(Members in Alphabetical Order)



**ABDULAZIZ JAMAL
A/AZIZ ALBEAJAN**

Senior Planning Engineer
KIPIC



HAMAD AL-KANDARI

Team Leader - Operations
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DR. KAMALJIT SINGH

Associate Professor Institute of
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**MOHAMMED AL-BISHARAH
(JURASSIC OPERATION)**

Team Leader
Kuwait Oil Company



DR. MOHAMMAD AL-SHAWAF

Environmental Scientist
Kuwait University



WAEEL HAMED A. MAOTI

Gas Industries Expert
Organization of Arab Petroleum Exporting
Countries 'OAPEC'

PROGRAM

DAY ONE

Opportunities in Kuwait Hydrogen:
Enabling Kuwait to Enter the Hydrogen ERA

Opening Keynotes

Esteemed speakers, such as top-ranking executives from the Kuwait Ministry of Oil and Kuwait Ministry of Electricity, Water, and Renewable Energy, along with distinguished representatives from Kuwait Petroleum Corporation, its affiliates, JV firms, regional NOCs and IOCs, and significant service majors will deliver the keynote presentations. These experts will lead an engaging opening plenary session, framing a comprehensive symposium program.

The agenda includes discussions about the latest advancements in hydrogen technology, an examination of current industry challenges and opportunities, and thought-leaders sharing their visions for the future. Attendees will also benefit from gaining an in-depth understanding of policy and regulatory frameworks, exploring investment opportunities, and discussing potential collaborative projects.

Session 1: Hydrogen Potential Markets & Application

- † Identifying the markets & End users
- † Opportunities missed if we do not do it.
- † How to use Hydrogen Locally (to produce electricity directly or blend and use as fuel)

Session 2: Hydrogen Technology Selection

- † Pros & Cons in technology selection
- † Other Enabling Technologies (Water, others)
- † Public Private Partnerships

Session 3: Key Risks & Opportunities

- † Financial Risk" Funding - Selling-pricing"
- † Missed Opportunities
- † International Regulations Changing with Carbon Tax introduction
- † Hydrogen Certification TUV, etc. "to be able to export to Europe

Session 4: Hydrogen Transportation & Export: Challenges verses Solutions

- † Gaseous hydrogen: Gas compression/Pipelines/Tube trailers
- † Liquid hydrogen
- † Novel hydrogen carriers
- † On-site and bulk storage

PROGRAM

DAY TWO

Decarbonization of the Energy Sector:
CCUS applications from the world to Kuwait

Opening Keynotes

Session 5: Subsurface application (Panel Session Discussion)

- ↑ Finding the best spot
- ↑ Injection, Storage and Monitoring
- ↑ Learning from Regional & International Experience
- ↑ Looking at Kuwait Potential

Session 6: Decarbonization of the Energy Sector: implementing CCUS Applications from Global Perspective into Kuwait

The prosperous execution of Carbon Capture, Utilization, and Storage (CCUS) projects hinge on their economic feasibility and cost-effectiveness. The day's sessions will centre around opportunities and initiatives bolstering the CCUS projects in Kuwait.

The focus will be on establishing partnership models and promoting technology advancements to foster cost reduction. The adoption of a collaborative approach among stakeholders and collectively addressing complex issues is pivotal to enhance the commercial capability of CCUS. This cooperative spirit is a critical step toward fostering a decarbonized and sustainable future.

Session 7: Building a Receiving Hub / Transport

- ↑ International lesson from building a receiving hub
- ↑ The Long Ship - North Sea Project – Northern Light Project
- ↑ Various options to transport Hydrogen, Pros & Cons
- ↑ Scaling up for Commercial Operation

Session 8: What will be the Business Model (for H2&CCUS)

- † Government Policies, Mandates, Incentives & Support
- † Ownership & Financing - Partnerships
- † How would this work without Carbon Price

Closing Session

Highlights of the program including principal assumptions, action points and closing remarks will be presented to the audience. This will enable attendance to have a written reference and Roadmap to progress with.



WHY ATTEND

- Learn from industry leaders: You'll be able to get hands-on experience and first-hand information about the most cutting-edge advancements in this field.
- Comprehensive coverage: A thorough exploration of the Hydrogen industry. Attendees can expect in-depth sessions on all aspects of Hydrogen technology.
- Networking opportunities: The symposium will provide excellent opportunities for networking, creating valuable connections and potentially initiating collaborative projects.
- Access to exhibition: As part of the symposium, you'll also gain access to an exclusive exhibition showcasing the latest technologies and solutions in the Hydrogen industry.
- Understand Kuwait's Hydrogen Landscape: A unique opportunity to gain a deep understanding of the Hydrogen industry's development and prospects in Kuwait specifically and the Middle East generally.
- Exclusive location: Combine professional development with the experience of Kuwait's luxurious hospitality and distinctive cultural heritage.
- Contribution to Sustainable Energy Dialogue: Join the ongoing international dialogue on sustainable energy, highlighting the vital role that Hydrogen technology plays in achieving energy sustainability and mitigating climate change.
- Opportunity for business development: For businesses operating in the Hydrogen industry, this is an ideal opportunity to understand market trends, establish presence, explore potential partnerships and even discover potential clients.
- Boost professional skills and knowledge: With various presentations, workshops, and interactive sessions, attendees will be able to develop their understanding of Hydrogen technology, improving their skills and knowledge which could further their careers in the sector.
- Stay updated: Lastly, the symposium ensures that you stay abreast of all the latest developments and changes in the Hydrogen industry.

SPONSORSHIP PACKAGES

• PREMIUM LEVEL SPONSORSHIPS:

The premium sponsorship packages integrate Principal and Diamond levels, open to five (5) companies only, which are recognized as industry leaders in the energy transition process, and offer the sponsors the opportunities to maximize their presence and share their thought leadership.

Core Benefits for the Premium Level Sponsors:

- Special acknowledgment and recognition during the Opening Ceremony, Panel Sessions and Closing Session
- Prime placement of Logo (at Tier 1 for Principal Sponsors & Tier 2 for Diamond Sponsors) on the Stage Backdrop- print or digital
- Sponsor's pre-recorded short video/teaser uploaded on the KIHT Symposium and Exhibition 2024 website and played during the coffee breaks (optional)
- Logo listed in the top tiers of the event's onsite branding and collaterals (print or digital)
- Logo in the sponsors section of the Preliminary Symposium Programme (print or digital)
- Logo in the sponsors section of the Symposium Programme (print or digital)
- Logo on the sponsors recognition boards displayed throughout the venue in high-traffic areas
- Logo on the Symposium Mobile App
- Logo on the Holding slide displayed between sessions
- Logo on the KIHT 2024 website with a link to the sponsoring company's website
- Logo on Post-event Report
- 300-word company profile on the Symposium website
- One (1) reserved table at delegate lunches (both days)



PRINCIPAL SPONSOR:

Includes the core benefits and:

- Opportunity to sponsor 1 Keynote Address (15 minutes) and 1 Technical Presentation (20 minutes) on Day 1 or Day 2 offered on a priority basis. Technical topic is a subject of approval by the committee
- One (1) full-page color advertisement in the Symposium Programme (digital), with special placement (inside front or back cover)
- Two (2) assigned VIP Tables at the Symposium dinner (Optional)
- Four (4) Social Media Posts with branding as a Principal sponsor on the social media channels
- Ten (10) company registration to the Symposium
- Exhibit space – complimentary (9 sqm space only, or tabletop option)
- Opportunity to distribute the company's marketing brochure onsite (optional)



DIAMOND SPONSOR:

Includes the core benefits and:

- Opportunity to sponsor 1 Technical Presentation (20 minutes) on Day 1 or Day 2 offered on a priority basis. Technical topic is a subject of approval by the committee
- One (1) full-page color advertisement in the Symposium Programme (digital)
- One (1) assigned VIP Table at the Symposium dinner (Optional)
- Three (3) Social Media Posts with branding as a Diamond sponsor on the social media channels
- Eight (8) company registration to the Symposium
- Exhibit space – complimentary (9 sqm space only, or tabletop option)

SPONSORSHIP PACKAGES

• STANDARD LEVEL SPONSORSHIPS:

The standard sponsorship packages offer great opportunities for companies to support the event while enjoying significant recognition with the broad energy community and commitment towards a cleaner, sustainable industry. These sponsorship options provide a set of core benefits and additional benefits related to one or more functions of the Symposium, exhibition, or networking events.

Core Benefits for all Standard level Sponsors:

- Acknowledgement during the Opening Ceremony, Plenaries and Closing Session
- Logo on the Stage Backdrop (print or digital)
- Logo in the sponsors section of the Preliminary Symposium Programme (digital)
- Logo in the sponsors section of the Symposium Programme (print or digital)
- Logo on the sponsors recognition boards displayed throughout the venue in high-traffic areas
- Logo on the Symposium Mobile App
- Logo on the holding slides displayed between sessions
- Logo on the KIHT 2024 website with a link to the sponsoring company's website
- Logo on Post-event report



PLATINUM SPONSOR:

Includes the core benefits and:

- One Page (1) color advertisement in the Symposium Programme (digital)
- Two (2) Social Media Posts with branding as a Platinum sponsor on the social media channels
- Six (6) company registration to the Symposium
- Table top exhibit space (4sqm)
- 150-word company profile on the Symposium website



GOLD SPONSOR:

Includes the core benefits and:

- Four (4) Company Registration to the Symposium
- Two (2) Social Media Post with branding as a Gold sponsor on the social media channels



SILVER SPONSOR:

Includes the core benefits and:

- Two (2) Company Registration to the Symposium
- One (1) Social Media Post with branding as a Silver sponsor on the social media channels



REGISTRATION SPONSOR:

Registration campaign places the sponsor at the heart of the event and delivers the highest number of target audience. All committee members, speakers, delegates, exhibitors, and visitors will be required to register via the online registration system, allowing sponsors to get massive outreach and exposure months before the event starts

Core Benefits for all Standard level Sponsors:

- Logo on the online registration form
- Logo on the confirmation emails sent to all pre-registered attendees
- Logo on the registration counters
- Logo on the onsite registration form
- Logo in email broadcasts promoting registration
- Two (2) Company Registration to the Symposium



LANYARDS SPONSOR:

All Symposium speakers, delegates, exhibitors, visitors, and other attendees will wear the sponsor's lanyards. This item has proven time and again as an effective marketing tool to promote your organization. The lanyards will be distributed at all registration desks in the event venue.

Core Benefits for all Standard level Sponsors:

- Logo printed on dual-clip breakaway lanyards
- Logo on the lanyard's collection station
- Two (2) Company Registrations to the Symposium



DIRECTIONAL SIGNAGE SPONSOR

Symposium signage boards will be placed at strategic locations to navigate delegates in the venue and ensure easy access to registration desks, meeting rooms, exhibition hall, lunch venue, and other function areas. This is the key option for boosting the sponsor's logo recognition and visibility.

Core Benefits for all Standard level Sponsors:

- Logo on the printed boards used for directional signage purposes between the 2nd and 4th floors
- Logo on the escalator side clings connecting the floors
- Logo on the program agenda signboards in front of each room
- Two (2) Company registrations to the Symposium



DELEGATE LUNCHES:

Daily sit-down lunch will be offered to all delegates, speakers, exhibitors, and special guests, exhibiting true Arabic hospitality, while presenting the best networking avenue for meeting with peers, making new connections, and sharing knowledge and ideas.

Core Benefits for all Standard level Sponsors:

- Logo on the recognition tent cards placed on the buffet stations and dining tables
- Opportunity to bring onsite your branded napkins (provided by sponsor)
- Opportunity to chair drop Sponsor's collateral (if desired)
- Logo on the signage placed in front of the lunch hall



BADGE SPONSOR:

A unique and exclusive opportunity to brand KIHT 2024 badges with your company's logo. All attendees—speakers, delegates, visitors, VIP officials, invited guests, and staff members, will wear their badges at all times.

Core Benefits for all Standard level Sponsors:

- Logo printed on the badge (front and back)
- Two (2) Company Registrations to the Symposium



MOBILE APPLICATION:

The mobile app will provide event attendees with all they need to know before, during, and after the event, in the palms of their hands (on their smartphones or tablets). Featuring an interactive symposium programme, venue plans, important information, and networking opportunities, the mobile app is guaranteed to be much used and a highly sought-after sponsorship opportunity.

Core Benefits for all Standard level Sponsors:

- One (1) banner slide in the rotating banner carousel
- One (1) full-screen advertisement on the splash page
- One (1) push message each day



IT SPONSOR (HOT SPOTS & WI-FI):

This is a unique opportunity for the sponsor to offer speakers, delegates exhibitors, and visitors, the opportunity to stay connected at all times.

Core Benefits for all Standard level Sponsors:

- Logo on the Wi-Fi signage boards across the venue/ Or logo in the hot spot area & signage
- Home screen/landing page directing users to the sponsor's choice URL
- Customized network password promoting the sponsor's company



SYMPOSIUM COFFEE BREAKS:

Coffee breaks will be served daily at the exhibition hall where delegates, speakers, committee members exhibitors, and sponsors will be able to network and engage in eloquent discussions in a relaxed and pleasant environment.

Core Benefits for all Standard level Sponsors:

- Logo on the recognition tent cards placed on the coffee stations and cocktail tables
- Opportunity to bring onsite your branded napkins (provided by sponsor)
- Two (2) brochure racks for displaying the Sponsor's corporate collaterals



EXHIBITION CATEGORIES

The exhibition will be a fusion of sponsor's booths and independent exhibitors. Coffee stations will be positioned strategically among the booths to promote constant footfall and networking with opportunities

WHY EXHIBIT:

- **Meet your Goals:** whether they are – presenting your up-to-date services, or associating your brand with high-quality technical content
- **Reach your Audience:** be where your target audience will be. Show them, don't just tell them
- **Generate a Buzz:** stand out with high-impact digital and print promotional opportunities
- **Gain a Compensative Edge:** position your company as a leader with industry presentations

SPACE ONLY EXHIBITION SPACE:

- 9 sqm (3mX3m): 8,250 USD + VAT
- 6 sqm (3mX3m): 7,250 USD + VAT

Included benefits:

- Exhibit spot (space only, booth is not included)
- Two (2) Symposium registrations
- Listing at the Symposium's website, onsite program, and mobile app

EXHIBIT PODS WITH BACKDROP:

Included benefits:

- Dedicated spot (2mx2m) within a bigger shared area.
- Two (2) Symposium registrations
- Furniture – branded info desk with logo, 2 chairs, self-standing backdrop, company name on the top, electrical connection, and spotlight
- Overnight cleaning
- Listing at the Symposium's website, onsite program, and mobile app
- Limited availability and positioning, based on venue specifics

TABLE TOP EXHIBITS:

Included benefits:

- Dedicated individual exhibit spot (2mx2m). Backdrop, electronics, and additional branding is not included.
- Standard skirted table and 2 chairs
- Opportunity to place backdrop/branding within the assigned space
- Two (2) Symposium registrations
- Overnight cleaning
- Listing at the Symposium's website, onsite program, and mobile app
- Limited availability and positioning, based on venue specifics

SPONSORSHIP BENEFITS AT GLANCE

SPONSORSHIP BENEFITS	PRINCIPAL SPONSOR	DIAMOND SPONSOR	PLATINUM SPONSOR	GOLD SPONSOR	SILVER SPONSOR
Number of packages available	2	3	5	Multiple	Multiple
Exhibition space provided in the package	9sqm (or TT)	9 sqm (or TT)	Table Top (TT)	-	-
Number of Symposium registrations	10	8	6	4	2
Keynote presentation of 15 min (day 1 or day 2, subject to CMTE approval)	✓	-	-	-	-
Technical presentation of 20 min (day 1 or day 2, subject to CMTE approval)	✓	✓	-	-	-
Top tiers logo positioning	✓	✓	-	-	-
Promo posts across appointed social media channels	4	3	2	2	1
Recognition during the Opening Ceremony, Plenary and Closing Sessions	✓	✓	✓	✓	✓
Pre-recorded company short video on the Symposium website	✓	✓	-	-	-
Company video played during the coffee breaks	✓	✓	-	-	-
Advertisement in the Symposium Program	One page	One page	One page	-	-
Logo listed at the top tier (s) of event's collaterals & onsite branding	✓	✓	✓	-	-
Logo listed on the Symposiums Mobile App	✓	✓	✓	✓	✓
Logo in the sponsor's section of the Preliminary Symposium Program	✓	✓	✓	✓	✓
Logo in the sponsor's section of the Onsite Symposium Program	✓	✓	✓	✓	✓
Logo on the sponsor's recognition boards throughout the venue	✓	✓	✓	✓	✓
Logo on the Holding slides displayed between sessions	✓	✓	✓	✓	✓
Logo on the website with a link to the sponsoring company's website	✓	✓	✓	✓	✓
Logo on Post-event Communication Collaterals	✓	✓	✓	✓	✓
Company profile on the Symposium website	300 words	300 words	150 words	-	-

TAILOR MADE PACKAGES ARE AVLIBLE UPON REQUEST:

Please contact Sylvia Ansara, VP External Relations & Services,
at sylvia@a-ep.org

Mobile: +971 555 261030

ABOUT AEP



The Association for Energy Professionals (AEP) Established in 2016 under the Abu Dhabi Global Market Authority, Abu Dhabi Chamber of Commerce, the Association for Energy Professionals (AEP) is a diverse community dedicated to supporting professionals in the oil and gas industry in the Middle East and across the globe. Through connecting, networking, and collaborating, we strive to solve major challenges facing the energy industry. We take pride in uniting professionals in this field under one roof. Come join us!

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