

FLASH

UNLEASHING THE POWER
OF COLLABORATION



Q4

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LETTER FROM THE EDITOR



The world is moving towards major investment projects to meet international legislation for decarbonization and sustainable energy. According to the article published on www.oilandgasmiddleeast.com, it is worth highlighting the top 5 ongoing refinery projects in the Gulf region.

1. Al Zour New Refinery
2. Aramco's Ras Tanura and Riyadh refineries
3. ADNOC's Crude Flexibility Project
4. BAPCO Modernization Program
5. Duqm Refinery & Petrochemical Complex

We invite you to view the following link to learn more about these major projects in the Middle East:

<https://www.oilandgasmiddleeast.com/downstream/top-5-ongoing-refinery-projects-in-the-gulf-region>

We are pleased to inform you about the arrangement of the GDA annual event, which included the GDA Q4 Board of Directors Meeting, GDA Annual General Assembly Meeting, and GDA Members Annual SPOCs & SMEs gathering. This event was held in Kuwait on 30 - 31 October 2023, at the Ahmed Al-Jaber Oil & Gas Exhibition Center. It was hosted by Kuwait Petroleum International (KPI) and Kuwait National Petroleum Company (KNPC) and sponsored by Saudi Petroleum Services Polytechnic (SPSP). The theme of the event was "Together Towards Sustainable Energy".

The event included several important activities, such as a Gala Dinner at the Grand Hyatt Hotel, Kuwait, on 30 October 2023, and GDA Board and General Assembly Meetings on 31 October 2023, at the Ahmed Al-Jaber Oil & Gas Exhibition Center. This event provided an exceptional opportunity for connections, networking, and learning from industry leaders and peers among SPOCs, SMEs, and Board members. The event concluded with the hosting of the Gulf Downstream Excellence Award, recognizing the best-performing Single Point of Contact (SPOC), the best-performing Subject Matter

Expert (SME), and the best-performing Technical Committee (TC).

Our Technical Committees serve as the foundational platform for knowledge sharing among oil industry experts. They continued to actively hold their quarterly virtual face-to-face meetings and site visits to regional refineries according to their schedule throughout the year.

We are thrilled to announce the successful launch of "GDA Connect", which facilitates positive interactions between industry experts and academia representatives for networking, knowledge sharing, new project information, site visits, and more. We invite you to view the following link to learn more about GDA Connect:

System Walkthrough - <https://vimeo.com/>

Additionally, please check out the GDA website's Media Centre, Webinars, and GDA Conversation for Episode 24, "Best Practice of Steam Trap Management", to understand industry experience in steam trap system optimization projects. Also, check out Episode 25, "Digitalized Corrosion Control Documents for Enhanced Mechanical Integrity and Reliability", to understand the importance of digitalized corrosion control documents for enhancing mechanical integrity and reliability".

Your Friend,
Mohammed Ali Mansoor
GDA Technical Manager

GDA ANNUAL EVENT IN KUWAIT

GDA GALA DINNER

Under the slogan “Together Towards Sustainable Energy”, the Gulf Downstream Association (GDA) held its annual meeting for the year 2023 in Kuwait. The event was hosted by both the Kuwait National Petroleum Company and Kuwait Petroleum International.

It is worth mentioning that the founding companies of the GDA include Saudi Aramco, Kuwait Petroleum International, BAPCO Refining, Kuwait National Petroleum Company, and Abu Dhabi National Oil Company (ADNOC), in addition to OQ.



GDA GALA DINNER



Suleman Al-Bargan
Chairman of the GDA's Board of Directors

On this occasion, Suleman Al-Bargan, Chairman of the GDA's Board of Directors, emphasized the importance of this meeting in strengthening the bonds between Gulf refining companies. This is especially relevant as these companies have expanded their production capacities, now holding a significant position in the global refining industry. Al-Bargan pointed out that the rapid development of technology necessitates deeper cooperation and collaboration among member companies.

For her part, the CEO of KNPC and Vice Chairperson of GDA, Wadha Al-Khateeb, stated that the continued development of the global refining industry's competitive capabilities is of paramount importance. This is parallel to integrating innovation into daily operations to maintain its leading position. She also praised the GDA's annual meeting, confirming that it has become a dynamic focal point for exchanging knowledge, innovation, best practices, insights, experiences, and expertise in the oil and gas sector. It also allows for keeping up with the latest trends and technologies.



Wadha Al-Khateeb
CEO of KNPC and Vice Chairperson of GDA



Mohammad Al-Shahrani
Secretary-General of the GDA

Meanwhile, Mohammad Al-Shahrani, the Secretary-General of the GDA, expressed his pride in the achievements made in the past few years since the GDA's establishment. These include the increase in its membership, the expansion of training courses, the launch of specialized initiatives, the creation of a technical platform, and the enhancement of integration between the refining and petrochemical industries.



GDA BOD AND GA MEETING

The Board of Directors and General Assembly meetings were held in Ahmed Al Jaber Exhibition Center in Kuwait on 31 October 2023. The BoD was attended by all of the BoD and the GA was attended by all of its members and both have covered the approved agenda. The Board of Directors report and Financial Statement were read, approved, and adopted. All documents for approval were submitted for the BoD review, comments and/or approval with no further comments.



GDA ANNUAL MEET 2023 INNOVATION TEAM ACTIVITY

In addition to the GDA’s annual meeting, a general discussion was held by KPNC and Saudi Aramco regarding digital transformation. The meeting also witnessed visual presentations and workshops on creativity and innovation in the oil and gas industry.

The Innovation Team at KNPC presented a review of digital innovation and the related skills. Additionally, the CEO of the Kuwait Innovation Center, Mohammad Al-Rifai, gave a presentation in which he discussed the concept of innovation and how to leverage it to overcome challenges.



TITLE	SPEAKER	COMPANY
Innovation In a Refinery	Moahmmad Al-Refaei Founder and CEO of Kuwait Innovation Center	KNPC
Innovation Moment Upskilling Saving Millions	Mena Al-Ahmadi Refinery Team	KNPC
Innovation In ADNOC	Khalid Al Blooshi Vice President Digital Projects & Innovation	ADNOC
Digital Innovation Using Advanced Analytics	Refinery Best Innovators	ARAMCO

The Titanium Welding Committee at Mina Al-Ahmadi Refinery also shared its experience in using titanium welding technology at the refinery. This contributed to repairing 19 components instead of replacing them, resulting in significant cost savings, a notable achievement.

Next, a delegation from Saudi Aramco presented the company’s digital vision and how it adopts creative and artistic ideas and applies them in the company’s refineries. They also highlighted the main challenges facing the oil sector in the Kingdom of Saudi Arabia and how the company managed to overcome them through brainstorming and adopting innovative ideas.

SPOCS & SMES ATTENDED BY 100+ PARTICIPANTS



The GDA annual meeting was held in Kuwait and involved a tour program arranged by KNPC for the GDA Members who attended from all over the world, including VIPs, company CEOs, SPOCs and SMEs, before starting the 31 October 2023 program of BoD, GA and SPOCs & SMEs meetings and innovation team activities and GDA Excellence Awards.



GDA ANNUAL MEET 2023

SPOCS & SMES

GDA EXCELLENCE AWARDS

Al-Khateeb commended the launching of the “Gulf Downstream Association Excellence Awards”, which came after the successful hackathon initiated by the Innovation Committee of KNPC last year. Moreover, the organization of an innovation day under the slogan “Enhance Your Professional Life with Innovation”, has successfully achieved its objective of innovative knowledge sharing between GDA Members.

The GDA Excellence Awards celebrated outstanding contributions across three categories, recognizing both exceptional individuals and high-performing committees. Among the recipients were Naseem Zainaddin from Saudi Aramco, honored as the Best Performing SPOC (Single Point of Contact); Abdullah Al-Dosari from Health, Safety & Environment Technical Committee representing Kuwait Petroleum International, acclaimed as the Best Performing SME (Subject Matter Expert), and Fahad Al-Ghamdi from Saudi Aramco, who chaired the Best Performing TC (Technical Committee) of Health, Safety, and Environment. These remarkable individuals and teams were applauded for their unwavering dedication and remarkable achievements, setting a sterling example of excellence within the industry.



INDUSTRY VISITS AND EVENTS PARTICIPATION

GDA PARTICIPATING IN ADIPEC 2023



Abu Dhabi – ADIPEC 2023 opened its doors on Monday, 2 October 2023, gathering the global energy industry to advance decarbonizing today’s energy system and to collaborate on the energy system of tomorrow.

Featuring a rich exhibition program that covered energy-related technology, innovation, collaboration, and digitalization, ADIPEC 2023 attracted more than 160,000+ attendees from 164 countries for its biggest edition ever.

Held under the patronage of H.H. Sheikh Mohamed Bin Zayed Al Nahyan, President of the United Arab Emirates, and hosted by ADNOC, ADIPEC 2023 took place at the Abu Dhabi National Exhibition Centre (ADNEC) until Thursday, 5 October. Under the theme of “Decarbonizing. Faster Together”, this event occurred just seven weeks before the UAE hosts COP28, providing a platform to convene energy and related industries to align on the lower-carbon, high-growth future of energy.

ADIPEC builds on its nearly 40-year legacy of innovation to showcase and platform the cutting-edge technologies and systems critical to achieving the global energy transition. Companies from across the energy ecosystem have showcased the innovations and technologies driving the industry’s journey to Net Zero, including direct air capture (DAC), carbon capture, utilization and storage (CCUS), green hydrogen electrolyzers, power-to-x, artificial intelligence (AI), and the Industrial Internet of Things (IIoT).

The ADIPEC Exhibition enabled the visitors to connect with over 2,200 global companies across 16 exhibition halls and 30 country pavilions, making it an ideal platform to drive business growth through its invaluable opportunities for cross-sectoral networking, deal-making, and knowledge exchange.



This year, ADIPEC also included four specialized areas focused on facilitating cross-sector collaboration and game-changing partnerships – Decarbonization Accelerator, Maritime & Logistics Zone, Digitalization in Energy Zone, and Manufacturing & Industrialization Exhibition & Conference. The Maritime & Logistics Zone was located in the dedicated Marina Hall, which also included the Maritime & Logistics Technical and Strategic Conferences.



Christopher Hudson, President of DMG Events, organizers of ADIPEC 2023 said: “ADIPEC 2023, with its bold conference agenda and massive exhibition plan, presents visitors with unparalleled opportunities for collaboration, partnership, learning, and investment. Never before have we gathered so many cutting-edge innovations, powerful partnerships, visionary global leaders, disruptive innovators, and thought leaders in one place, all contributing to a decarbonized energy transition.”

ADIPEC AWARDS 2023 HONOURS PIONEERS FROM UAE, MALAYSIA, USA, AND UK ACCELERATING THE ENERGY TRANSITION



Abu Dhabi, 3 October 2023 – The ADIPEC Awards 2023 has honoured eight pioneering projects, companies and individuals who are driving transformative change across the global energy system. The winners represent companies and individuals from the United Arab Emirates, Malaysia, the United Kingdom and the United States.

Held under the theme, “Leading the Transformation”, the 13th ADIPEC Awards Ceremony recognized outstanding achievements within the wider energy sector and celebrated global innovators in their pursuit of net-zero emissions, decarbonization and an equitable energy transition through eight award categories.

The awards ceremony, which took place at the Emirates Palace Hotel, in Abu Dhabi, was attended by leaders and dignitaries from across energy, technology and government.

His Excellency Suhail Mohamed Al Mazrouei, UAE Minister of Energy and Infrastructure and ADIPEC Awards 2023 Juror, said: “In this, the UAE’s Year of Sustainability, we are proud the ADIPEC Awards has drawn some of the world’s most innovative and forward-thinking companies and individuals to demonstrate their leadership in advancing the energy transition. “



GDA participated in ADIPEC 2023 in Abu Dhabi during 2 - 5 October 2023 under the theme "Decarbonization, Faster Together" They attended the opening ceremony, exhibition and the conference



LEWAS
Leadership Excellence
for Women Awards & Symposium
2023

GDA PARTICIPATING IN LEWAS 2023

GDA Secretary General participated in LEWAS AWARD & SYMPOSIUM 2023 in the Kingdom of Saudi Arabia during 21 - 22 November 2023 under the theme "Powering Tomorrow". He attended the opening ceremony and the LEWAS Award.

KIPIC HOSTS Q4 MEETING FOR GDA ENERGY MANAGEMENT & TECHNOLOGY TECHNICAL COMMITTEE AT KIPIC

In keeping with its mission to promote best practices and knowledge exchange, KIPIC hosted members of GDA Energy Management Technical Committee and Technology Technical Committee on 22 - 23 November 2023, at KIPIC in Al Zour. The first day included an overview presentation of KIPIC Projects. In addition, the guests were taken on a tour to see KIPIC facilities. On the second day there were the committee meetings.

KIPIC's Energy Management System overview was presented and through it the committee members shared their expertise and knowledge and conversed about a variety of subjects, including the Energy Performance Indicators.

The Energy Management TC meeting attendees from BAPCO, Muneef Al-Shameeri (Energy Coordinator) and Mohammed Mansoor (GDA Technical Manager); from ADNOC Refining, Mohamed Rasul Alhashmi (Team Leader, Energy Management); from AspenTech MENA, Dhanasekar Periyasamy (Sr. Principal Solution Consultant); from KPI, Yousef Bader Al-Radaan (Sr. Engineer Manufacturing Vietnam); from KNPC, Yousef Al-Sairafi (Senior Process Engineer) and from KIPIC, Yaqoub Bader Yaqoub Ali (Senior Process Engineer).

There were also virtual attendees from Saudi Aramco, Bulent Ozoktem (Energy Specialist); from OQ, Mohammed Al-Washahi (Head of Energy & Power Optimization) and from Petro, Rabigh Muhammad Farhat Ullah (Group Leader, Process Excellence).



Al-Bloushi (Process Engineer) from ADNOC Refining; Anood Taher (Senior Specialist, Process Engineering, R&D ARRC) and Ahmed Al-Suwaidi (Team Leader-Process Engineer) from KIPC; Faten Taqi (Process Engineer) from Shell; Mohammed Benchekchou (Director strategic Customers) and Yasref Abdulrahman O. Hussien (Process Engineer/Transformation Advisor) from KISR; Dr. Dawoud Bahzad (Division Director-Science & Technology (S&T)) from ART; Alok Srivastava (Technical Service Manager) from Idemitsu; Tomohiro Takahashi (Deputy General Manager, Middle East Office) from Honeywell UOP; Dheya Al-Shakhouri (Principal Account Manager) from CLG; Fadi Mhaini (Managing Director Technology Licensing) from Kuwait University; Dr. Yousef Al-Shamlan (Acting Director) from Saudi Aramco; as guests, Muslat Al-Shalawi (Process Engineer), Kelepile Meleloe (Process Engineer) and GDA representation.



The successful Q4 meeting at KIPIC demonstrated KIPIC's persistent dedication to encouraging cooperation and knowledge exchange among GDA members

GDA PROJECT MANAGEMENT COMMITTEE WRAPS UP Q4 MEETING WITH INSIGHTS AND COLLABORATIVE SUCCESS AT DUQM REFINERY

In keeping with its long-standing practice of promoting collaboration and exchange of best practices, the project management committee of the GDA recently concluded its quarterly meeting with focus on continual learning and industry advancement. This quarter meeting revolved around a comprehensive site visit and engaged discussions at the Duqm Refinery Project (OQ8) on 4 - 5 December 2023, showcasing the significance of practical and on-ground insights in the ever evolving field of downstream oil and gas sector.

The event provided GDA members with an exclusive opportunity to learn about the project management strategies and operational complexities employed in the OQ8's mega project. Members were treated to a series of presentations and knowledge sharing sessions that covered a variety of topics ranging from procurement strategies to project control and technical challenges, especially those augmented by the pandemic.



The meeting was mostly devoted to in-depth exploration and site tours, which included stops at the Port of Duqm and the OTTCO Crude Terminals, where members witnessed firsthand the scale and sophistication of the operation network of OQ8. These tours were complemented by discussions with key personnel and executives that fostered a deeper understanding of the project's scope and complexities. In addition, OQ8 shared critical lessons from their experiences in Duqm refinery project.

Members also covered topics such as project execution strategies/components, deepened value of supply chain from JVs, and operational challenges at the Crude Terminal.

Attendees of the event included Emad Almuhaissen, Division Manager at Aramco; Mohammed Mansour, GDA representative; Tofek Bahomed, Engineering Manager at Worely; Omar Alghanim, Team Leader at Kuwait Petroleum International; Khalid Alnabhani, Project Team Leader at OQ Oman; Nael M Al-Buloushi, Team Leader at Kuwait National Petroleum Company, and Roberto J Arbulu, Executive Vice President at Strategic Project Solutions (SPS).

Nearing the close of the year, GDA restates its commitment to enhancing the downstream industry through shared experiences and fostering a community of professionals dedicated to innovation and excellence. The association looks forward to continuing this momentum in the upcoming year and embracing new challenges and opportunities in the advancing landscape of the energy sector.



TECHNICAL COMMITTEE ACTIVITIES

PLANT RELIABILITY FACE TO FACE TECHNICAL COMMITTEE MEETING

GDA Plant Reliability & Integrity Technical Committee held its Q4 2023 meeting in Bapco Club, Awali, Kingdom of Bahrain during 13 - 14 December 2023, exemplifying a commitment to maintaining the highest standard in operations. The session began with a comprehensive review of current reliability measures and integrity protocols, emphasizing a proactive approach to identify and address potential issues.

Each committee member actively participated in discussions, sharing insight and experiences to enhance collective understanding of best practice. The meeting served as a platform for assessing recent performance metric, implementing corrective actions, and strategizing for continuous improvement. By fostering open communication and collaboration, the committee affirmed its dedication to upholding reliability and integrity in all facts of operations with GDA Framework.

The two-day event featured a visit to the Bapco Modernization Program (BMP), offering valuable insights into the configuration of the new process

units and updates on the progress of the largest project in Bahrain's history.

Attendees of the event included Bader Al-Harbi, Senior Engineer Corrosion at KNPC; Jean-Gaël Le Floc'h, Manager, EMEA Operations at Becht; Abdul Rahman Alrumaidh, Senior Engineer Rotating Equipment at Bapco; Abdul Rahman Ghamdi, Senior Engineer Rotating Equipment at Aramco; Mohammad Mansoor, LBO JV Coordinator at Bapco Refining & GDA Technical and Marketing Manager; Raj Jhahharia, Principal Consultant at Becht; Ahmed Ali, Superintendent CDS at Bapco Refining and Mustafa Ebrahim, CDS SS at Bapco Refining.



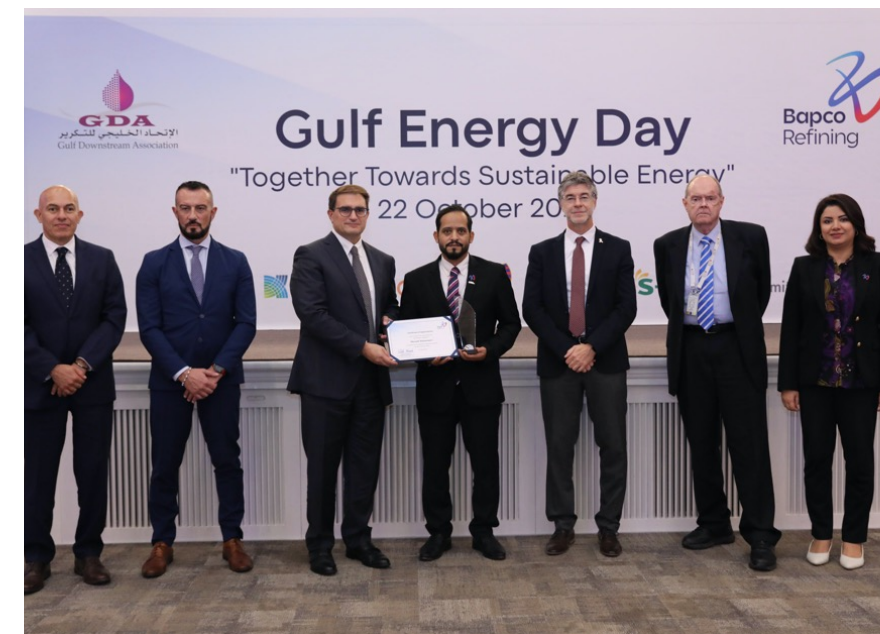
TECHNICAL COMMITTEE MEETINGS

OCTOBER - DECEMBER 2023



ENERGY DAY ACTIVITIES OCTOBER 2023

BAPCO



Bapco Refining celebrated the 1st Gulf Energy Day on Sunday, 22 October 2023, at the Bapco Club in Awali. This event, organized in collaboration with other member companies of the GDA, focused on the theme of “Together Towards Sustainable Energy”. The event commenced with remarks from Hafedh Al Qassab, BAPCO Refining all Acting Deputy Chief Executive - Operations, BMP Project Director and GDA Board Member and Financial Secretary, who took the opportunity to commemorate this important event and highlighted the significance of sustainable energy practices in today’s world. Following Al Qassab’s remarks, Luc Smets, General Manager Refining, addressed the audience, sharing his thoughts on the occasion. An integral part of the event was a presentation by Murali Sambandam, Manager Oil Processing - South and the Chairman of the Bapco Refining Energy Committee. The event concluded with an award ceremony to recognize and honor employees who demonstrated a passion for sustainable energy. This celebration aimed to raise awareness about energy management, conservation, and the importance of contributing to sustainability. To further promote awareness among employees, the Energy Team organized an “Energy Quiz”. This quiz was designed to spread knowledge and raise awareness about energy conservation practices, and is being further followed up with a detailed “Energy Culture and Conservation” campaign in Q4 2023. The Gulf Energy Day was also reflected on the company portal and the giant screen at the entrance of the refinery.

Gulf Energy Day

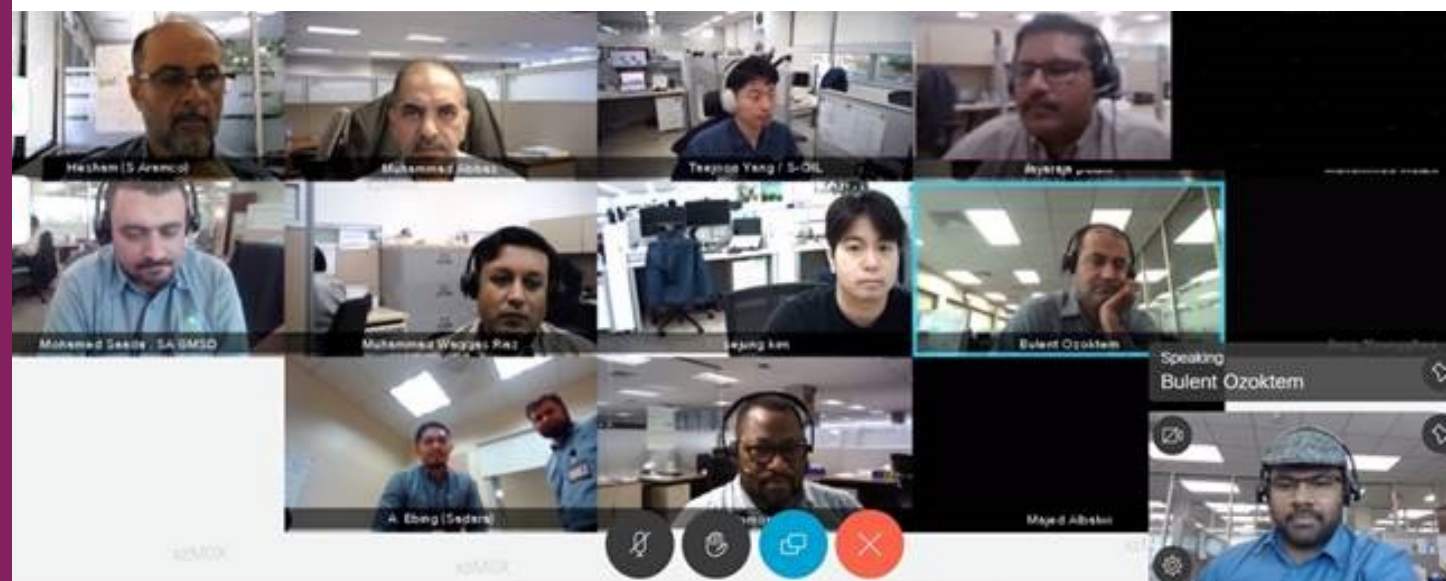
"Together towards Sustainable Energy"

You are cordially invited to attend the Gulf Energy Day which is organized for Gulf Downstream Association(GDA) member organizations under the theme of "Together towards Sustainable Energy" on October 25th, 2023 through CISCO virtual meeting.



This event will provide a platform for energy subject matter experts from various SA Organizations, as well as Domestic/International companies to exchange their cumulative knowledge and innovative ideas towards enhancing Energy Sustainability in below areas.

- Best Practices to Energy Sustainability
- Success Stories towards Energy Efficiency
- Challenges and Solutions
- Key Points and Lessons Learned



KIPIC

OQ

GULF ENERGY DAY

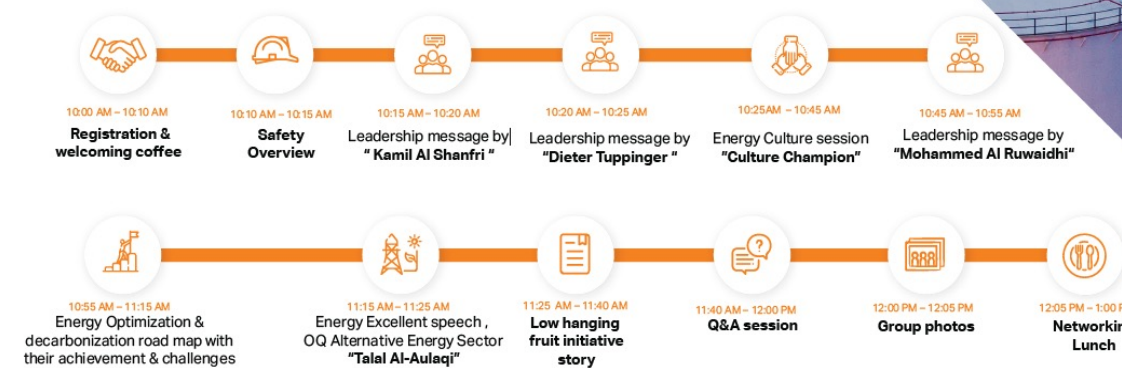
Together Towards Sustainable Energy



Gulf Energy Day

Sunday 22nd October 2023
10:00 AM
Sohar Auditorium GF

Agenda



We Make More Possible



BECHT has celebrated Gulf Energy Day on 22 October 2023 by arranging an awareness session for the company about BECHT Energy Management System & Program. As well as broadcasting banners across its company portal.

BECHT will continue celebrating Gulf Energy Day in the upcoming years.





ADNOC Refining celebrated Gulf Energy Day with an event that showcased how their organization demonstrates its commitment to promoting sustainability and raised awareness on the vital role that energy plays in people lives.

This year's event was more than just a day on the calendar; it was an opportunity for them to reaffirm their dedication to sustainable energy practices, and the enthusiastic involvement of their CEO, Sultan Al Bigishi was a testament to that commitment. Sultan's participation sent a powerful message about the importance of energy conservation and sustainability.



GDA WEBINARS

GDA EPISODE 24

BEST PRACTICE OF STEAM TRAP MANAGEMENT

GDA CONVERSATIONS
Webinar Series Episode 24

STEAM TRAP MANAGEMENT

Moderator
Bulent Ozoktem
Energy Coordinator – Aramco

Speakers:
Alan Hou
Consulting & Engineering Group Manager - TLV International, Inc.
Takaharu Nakashima
General Manager - TLV Middle East & TLV Engineering FZCO in Dubai
Brendan Rafferty
Consulting Engineer - TLV International, Inc.

14 NOVEMBER 2023
09:00AM – 11:00AM BAHRAIN TIME

BEST PRACTICES OF STEAM TRAP MANAGEMENT: EXAMPLES FROM A REFINERY

TUE, 14 NOVEMBER 2023 | 09:00AM – 11:00AM BAHRAIN TIME

This webinar was organized by the GDA Energy Management Technical Committee covering the following three presentations under the title “**Best Practice of Steam Trap Management**”, followed by a Q&A session where the audience were able to raise specific queries with the speakers:

Alan Hou: Alan Hou is the Consulting & Engineering Group Manager of TLV International, Inc. He has 16+ years of industry experience leading steam system optimization projects for more than 50 refining and downstream plants in 23 countries.

Takaharu Nakashima: Takaharu Nakashima is the General Manager for TLV’s operations in the Middle East and TLV Engineering FZCO in Dubai.

He has a background in engineering and business administration and has served in both technical and management positions in TLV since 2001.

Brendan Rafferty: Brendan Rafferty is a Consulting Engineer at TLV International, Inc. He has a background in mechanical engineering and has been participating in steam system optimization projects internationally since 2019.

Moderator: Bulent Ozoktem - Energy Coordinator – Aramco.

GDA EPISODE 25

DIGITALIZED CORROSION CONTROL DOCUMENTS FOR ENHANCED MECHANICAL INTEGRITY AND RELIABILITY

GDA CONVERSATIONS
Webinar Series Episode 25

DIGITALIZED CORROSION CONTROL DOCUMENTS FOR ENHANCED MECHANICAL INTEGRITY AND RELIABILITY

Moderator
Jean-Gaël Le Floc'h
EMEA Operations Manager - BECHT

Speaker
Sridhar Srinivasan
Software / Modeling Leader & Corrosion Expert - BECHT

7 DECEMBER 2023
01:00PM BAHRAIN TIME

DIGITALIZED CORROSION CONTROL DOCUMENTS FOR ENHANCED MECHANICAL INTEGRITY AND RELIABILITY

THU, 7 DECEMBER 2023 | 01:00PM BAHRAIN TIME

This webinar was organized by the GDA Plant Reliability & Integrity Technical Committee. It covered the following presentation, followed by a Q&A session where the audience was able to raise specific queries with the speakers:

“**Digitalized Corrosion Control Documents for Enhanced Mechanical Integrity and Reliability**”, by Sridhar Srinivasan - Software/Modeling Leader & Corrosion Expert, BECHT.

Objective: To understand the importance of digitalized corrosion documents control to enhance mechanical integrity and reliability.

Moderator: Jean-Gaël Lo Floc'h, Manager, Becht EMEA Operations, BECHT Subject Matter Expert of GDA Plant Reliability & Integrity Technical Committee.

GDA COURSES

COURSES HELD IN-PERSON BY HONEYWELL UOP REFINERY PROCESS FUNDAMENTALS IN BAHRAIN



GDA has successfully organized the “Refinery Process Fundamentals” in-person training for GDA stakeholders from 13 - 15 November 2023. The course was hosted in-person at the Le Meridian, Marriott Hotel City Center, Kingdom of Bahrain and delivered by Kimberly S. Diercks and Dale M. Wery from Honeywell UOP. The course was attended by 12 delegates from Bapco Refining and a representative from GDA. The course was designed for process engineers and operations personnel who operate, support, or maintain UOP process units or supervise those who do. All participants received an attendance certificate from Honeywell UOP.

COURSES BY



UPCOMING COURSE

Course Title	Date	Aspentech Price	GDA Member price	Minimum Number of Participants
Introduction to Process Modeling using Aspen HYSYS (Includes Sustainability Module)	TBA	\$ 3,000	\$ 1,950	12
Aspen HYSYS: Advanced Process Modeling Topics	TBA	\$ 2,000	\$ 1,300	12
Introduction to Refinery Planning using Aspen PIMS (Includes Sustainability Module)	TBA	\$ 5,000	\$ 3,250	12
Aspen PIMS: Solving Refinery Planning Problems	TBA	\$ 5,000	\$ 3,250	12
Aspen HYSYS Dynamics: Introduction to Dynamic Modeling	Apr 16 to 18, 2024	\$ 3,000	\$ 1,950	12
Introduction to Aspen Unified PIMS	Apr 22 to 24, 2024	\$ 3,000	\$ 1,950	12

*10% VAT will apply.

Register Now

Please contact Maram Janahi on maram.janahi@gda.org.bh and info@gda.org.bh for further details or call 00973 1711 6000



UPCOMING
COURSES

Course Title	Date	UOP price	GDA Member Price	Deadline for Nominations	Minimum Number of Participants
Refinery Business Economics	TBA	\$ 6,600	\$ 5,500	TBA	12

Please contact **Maram Janahi** on maram.janahi@gda.org.bh and info@gda.org.bh for further details or call 00973 1711 6000

* UOP Process Technology courses are available only to UOP license holders and UOP catalyst users on applicable processes.

* 10% VAT will apply

COURSES BY



UPCOMING COURSE

Course Title	Date	Bahrain Time	Minimum Number of Participations	Axens Price	GDA Price
FIRED FURNACES COURSE	TBA	8AM to 4PM	8	\$ 4,500	\$ 3,500
HYDROTREATMENTS & HYDROCRACKING COURSE	TBA	8AM to 4PM	8	\$ 5,000	\$ 3,850
SULFUR RECOVERY UNIT (SRU) COURSE (Claus +TGTU)	TBA	8AM to 4PM	8	\$ 4,500	\$ 3,500
CONTINUOUS CATALYST REGENERATION REFORMING (CCR) & C5-C6 ISOMERIZATION COURSE	TBA	8AM to 4PM	8	\$ 5,000	\$ 3,850

*10% VAT will apply.

Register Now

Please contact Maram Janahi on maram.janahi@gda.org.bh and info@gda.org.bh for further details or call 00973 1711 6000



MEPEC 2024
MIDDLE EAST PROCESS ENGINEERING
CONFERENCE & EXHIBITION
MAY 6-8, 2024 | DHAHRAN EXPO, KINGDOM OF SAUDI ARABIA

CALL FOR
ABSTRACTS

ABSTRACT SUBMISSION
DEADLINE EXTENDED

JANUARY 15, 2024

SUBMIT NOW!

Topics



Process
Excellence



New
Energies



Decarbonization
& Energy Transition



Digitalization

www.mepec.org



Walid Al Naeem
Vice President & Chief Engineer, Aramco

Digitalizing Process Engineering
for a Sustainable Future

06 - 08 May 2024 | Dhahran Expo

CALL FOR ABSTRACTS NOW OPEN

Conference Website

Digitalizing Process Engineering for a Sustainable Future

GDA CONNECT

A platform designed to create an unprecedented bridge between the academia and industry experts

GDA CONNECT FEATURES

DYNAMIC COLLABORATION

Facilitating dynamic, productive collaboration between industry and academia

MULTI-DISCIPLINARY EXPERTISE

Brings together experts across disciplines to solve complex problems.

SUSTAINABILITY FOCUS

Designed to drive sustainable solutions for the energy industry

MATCHMAKING ENGINE

Ensures efficient collaboration by connecting the right people to the right projects.

Why GDA Connect?

At the heart of GDA Connect is our aspiration to harness the combined strengths of academic brilliance and industry expertise.

Here's what we've meticulously crafted for you:

- **IDEA:** Don't let those moments of inspiration fade away. Share them, gather support, and watch as they evolve into impactful projects.
- **PROJECT:** Have you stumbled upon an intriguing idea from a student, researcher, or an industry SME? Turn that spark into a full-fledged project and watch it come alive!
- **Q&A:** Dive into collective wisdom. Whether you've a query or a piece of advice, our community is here.
- **SITE VISIT:** Go beyond screens. Organize site visits to experience, explore, and evaluate ideas hands-on.
- **WORKSHOP:** Host or be a part of immersive workshops that marry theory with practice, ensuring tangible outcomes.

GET
FEATURED
ON THE NEXT NEWSLETTER

SUBMIT

- ARTICLE OF WIDER INTEREST
- SUCCESS STORY WITH LESSONS LEARNED
- INNOVATIVE IDEA/APPROACH TO INDUSTRY CHALLENGE



FLASH

UNLEASHING THE POWER
OF COLLABORATION



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TO ADVERTISE

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GULF DOWNSTREAM ASSOCIATION

www.gda.org.bh

