GDA
الإتحاد الخليجي للتكرير
Gulf Downstream Association

IDCE 2025
Innovating Energy, Creating Sustainable Value

hosted by
aramco

supported by
وزارة النفط والبيئة
Ministry of Oil and Environment

IDCE 2025

INTERNATIONAL DOWNSTREAM CONFERENCE & EXHIBITION

Full Post Report

Innovating Energy, Creating Sustainable Value



September 30 — October 2, 2025

EXHIBITION WORLD BAHRAIN

Organized by
CLASS PRO
Events - Exhibitions - Conferences

IDCE 2025
Innovating Energy, Creating Sustainable Value

WELCOME & OVERVIEW

The International Downstream Conference & Exhibition (IDCE) 2025 marked a bold step forward in the Gulf Downstream Association's mission to shape the future of the Downstream industry. Under the theme "Innovating Energy, Creating Sustainable Value," the event united global leaders, technical experts, and innovators for three days of dialogue, discovery, and strategic collaboration. IDCE 2025 was not just an event; it was a platform for a downstream transformation strategy, aligning the industry's future around decarbonization, integration of refining and chemicals opportunities, digitalization, efficiency, and workforce development.



Click on the icon to watch the clip



Click on the icon to watch the clip

TABLE OF CONTENT

01. INTRODUCTION
02. OBJECTIVES
03. IDCE FACTS AND FIGURES
04. MINISTERIAL KEYNOTE ADDRESS
05. GLOBAL LEADERS ATTEND THE OPENING CEREMONY
06. OPENING CEREMONY LEADERSHIP REMARKS
07. DEFINING THE IDCE BRAND & COMMUNICATIONS DIALOGUE
08. OPENING CEREMONY
09. CONFERENCE OVERVIEW & STRUCTURE
    - LEADERSHIP DIALOGUE
    - STRATEGIC & INDUSTRY SESSIONS
    - TECHNICAL SESSIONS
10. GDA LEADERSHIP AWARD
11. YOUTH PULSE PROGRAM
12. GDA EXCELLENCE AWARD
13. NETWORKS & COMMUNICATION
    - GALA GATHERING
    - GLOBAL REACH
    - COMMUNICATIONS WITH OUR PARTNERS
14. MOU SIGNING
15. IDCE ORGANIZATION
16. CLOSING CEREMONY
17. GDA FOUNDERS AND BOARD MEMBERS
18. IDCE DEVELOPMENT PHASE
19. FEEDBACK & SATISFACTION
20. REFLECTION & FUTURE OUTLOOK

INTRODUCTION

Under the esteemed patronage of His Royal Highness Prince Salman bin Hamad Al Khalifa, Crown Prince and Prime Minister, IDCE 2025 successfully convened industry leaders and decision-makers from across the region and around the world.

The 2025 GDA | International Downstream Conference & Exhibition (IDCE) marked a pivotal moment for the global downstream community. It brought together government officials, presidents, CEOs, senior leaders, licensers, and technical experts from across the entire energy and downstream value chain. Their collective presence reaffirmed IDCE's status as the world's leading platform for strategic dialogue, technical and operational excellence, technology progress, and industry-wide collaboration. Guided by the conference theme, "Innovating Energy, Creating Sustainable Value," which turns the IDCE vision into action through 678 technical papers, lively strategic discussions, and future-oriented conversations on upcoming opportunities.

At the 2024 GDA Annual Meeting, our Board set a clear strategic direction to elevate GDA as a global knowledge hub and communication platform for the downstream industry, and IDCE 2025 delivered this vision. Building on its strong legacy, the event offered a deeply engaging programme centered on integration opportunities, operational excellence, energy transition pathways, digital transformation, and innovation-led competitiveness. It served as a critical forum for navigating the fast-evolving landscape of refining, petrochemicals, logistics, base oils, customer engagement, and the broader downstream ecosystem.

This Post Report provides a comprehensive overview of the event outcomes: the strategic insights shared, the technical themes explored, the exhibition highlights, and the impact of our collaborative engagements. It reflects the unified efforts of our strategic partners, sponsors, exhibitors, technical committees, and the broader Gulf Downstream Association (GDA) community each of which played a vital role in ensuring the resounding success of IDCE 2025.

Through this report, we aim not only to showcase the achievements of this year's edition but also to demonstrate how IDCE continues to evolve as a catalyst for industry growth, capability development, and sustainable energy leadership. The pages that follow capture the journey of the event, from the opening ceremony, through technical sessions, strategic dialogues, partnership agreements, exhibition showcases, and finally, the closing ceremony.

The GDA Board of Directors extends its deepest gratitude to His Royal Highness Prince Salman bin Hamad Al Khalifa, the Crown Prince and Prime Minister, for his gracious patronage and for hosting IDCE 2025. We equally appreciate His Excellency Dr. Mohamed bin Mubarak Bin Daina, Minister of Oil and Environment, for his unwavering support and sponsorship.

We also express heartfelt appreciation to all contributors, our sponsors, technical committees, speakers, exhibitors, and students, who dedicated their expertise and passion to shaping every aspect of this year's event. IDCE 2025 stands as a powerful testament to what our industry can achieve when united by a shared ambition: to build a more competitive, integrated, and sustainable downstream sector, regionally and globally.

This Post Report reflects GDA's commitment to fostering high engagement, collaboration, and knowledge-sharing across our community. The reports reflect the leadership of GDA Board of Directors, IDCE Executive Committee vision and IDCE Organization dedication.

Bassam A. Al-Bokhari
Secretary General, GDA
Chief Executive Officer, EnergyTech

OBJECTIVES

Strengthen Collaboration and Networking





Advance Technical Capabilities Across The Industry

Partner with Technology Providers and Experts





Support Policy and Regulatory Development

Facilitate Information and Knowledge Sharing

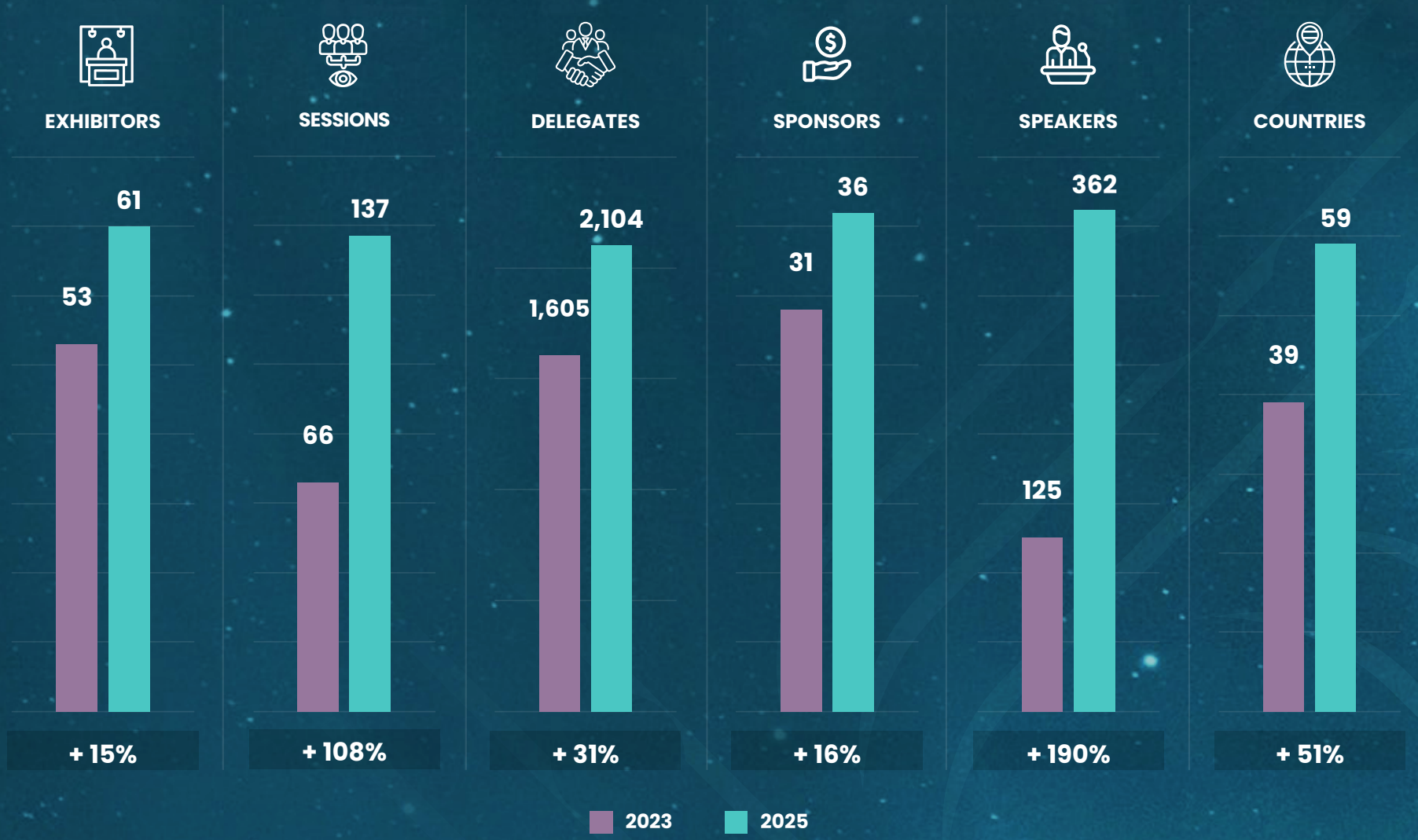


IDCE 2025
Innovating Energy, Creating Sustainable Value

FACTS AND FIGURES

Commitment to Growth





IDCE 2025
Innovating Energy, Creating Sustainable Value

IDCE IN NUMBERS

Attendance & Reach

20,133 Participants

2,104 Delegates

142 C-Level

500 VIPs

50+ Countries Represented

Program & Content

362 Speakers

137 Sessions

678 Abstracts

14,079 Sessions Attendance

Youth Pulse

3 Site Visits

1,103 Youth Attendees

12 Speakers

Exhibition & Sponsorship

61 Exhibitors

36 Sponsors

20+ Agreements Signed

Operations & Workforce

800+ Resources

2.5+ Million Working Hours

MINISTERIAL KEYNOTE ADDRESS



H.E. Dr. Mohamed bin Mubarak Bin Daina
Minister of Oil & Environment
Kingdom of Bahrain

The Ministry of Oil & Environment, under the leadership of **H.E. Dr. Mohamed Bin Mubarak Bin Daina,** played a key role in facilitating the event's success. The Ministry was instrumental in securing the patronage of His Royal Highness Prince Salman bin Hamad Al Khalifa, Crown Prince and Prime Minister of Bahrain, while also coordinating logistics, collaborating with various ministries. Their support extended to every aspect of the event, ensuring it ran smoothly at all levels. our appreciation to HE the minster to obtain Exhibition World Bahrain for GDA.

> "The Kingdom of Bahrain has always played, and continues to play, a leading role in developing energy and building bridges of collaboration."





GOVERNMENT & MINISTERIAL SUPPORT



Bahraini Ministerial Support

H.E. Rawan Tawfeeqi
Minister of Youth Affairs
Bahrain

H.E. Nawaf Al-Maawda
Minister of Justice and Islamic Affairs
Bahrain



Ministry of Energy Support

Mr. Mohammed Al-Ibrahim
Assistant Minister of Energy for Oil and Gas
Ministry of Energy, Saudi Arabia

Participated in the opening ceremony and strategic panel discussion

GLOBAL LEADERS ATTEND THE OPENING CEREMONY










GDA LEADERSHIP MESSAGE

"It is an honor to reflect on the success of the 3rd GDA International Downstream Conference and Exhibition 2025.

This event united industry leaders, innovators, and experts who have share a strong commitment to collaboration, sustainability, and shaping the future of the downstream sector.

The discussions and connections made reaffirm our industry's vital role in driving sustainable growth and creating long-term value.

GDA is set to become the premier global hub for downstream dialogue. With the esteemed presence of His Excellency the Minister of Oil and Environment, Aracmo's Downstream President, Governement officials, GDA board members, senior executives and from across the industry, GDA stands ready to drive transformative change, anchored in technical excellence, visionary leadership, and a unified commitment to advancing the future of the downstream sector."



Hussain Al-Qahtani
Board Chairman, GDA
Senior Vice President – Fuels,
Saudi Aramco

OPENING CEREMONY REMARKS

"Welcome to the 3rd GDA International Downstream Conference & Exhibition 2025.

This year, we broadened our focus to the entire downstream sector from refining and petrochemicals to lubricants and beyond. Guided by the theme 'Innovating Energy, Creating Sustainable Value', we explored strategic leadership, technological transformation, and value optimization, key areas for overcoming today's challenges and securing a resilient future.

The expanded scope enabled richer dialogue, stronger collaboration, and new innovation across the sector. Initiatives such as the Youth Pulse and the Innovation Arena brought fresh ideas and energy, helping us prepare not only for today but for the future ahead."



Mitib A. Al-Harbi
GDA IDCE Chairman
VP - Fuels Business Management,
Saudi Aramco

DEFINING THE IDCE BRAND

IDCE 2025 is a global conference and exhibition that brings together leaders and decision-makers from industrial sectors involved in processing, transformation, and industrial development.

Held under the theme “Innovating Energy. Creating Sustainable Value”, the event provides a dynamic platform for innovative solutions and impactful partnerships that shape the future.

Primary Logo

wordmark

logomark

INTERNATIONAL DOWNSTREAM CONFERENCE & EXHIBITION 2025

Innovating Energy, Creating Sustainable Value

the soft corners of the logo frame represent flexibility and collaboration

Secondary Logo

logomark

IDCE 2025

Innovating Energy, Creating Sustainable Value

wordmark

2025 Slogan

Innovating Energy, Creating Sustainable Value

Progress & Development



The spiral-like, expanding formation implies forward movement, growth, and evolution

Downstream Industry



The directional layout of the lines suggests flow, like pipelines

Innovating Clean Energy & Sustainability



The circular motion symbolizing the sustainable renewable

Technological Transformation



The lines and nodes evoke data flow and connectivity

DEFINE COMMUNICATIONS DIALOGUE

The IDCE stage was created through a focused design process that began with defining the event's visual identity innovation, movement, and downstream flow. We translated these themes into early sketches and 3D options, exploring curved lines, layered levels, and a panoramic LED backdrop that reflects technological progress.

Through refinement, the concept evolved into a fully immersive environment: a seamless wrap-around stage, illuminated pathways, and a central speaking zone that enhances visibility and audience engagement. The final design combines function with impact, delivering a modern and iconic communications and stage experience.





GDA
الاتحاد الخليجي للتكرير
Gulf Downstream Association

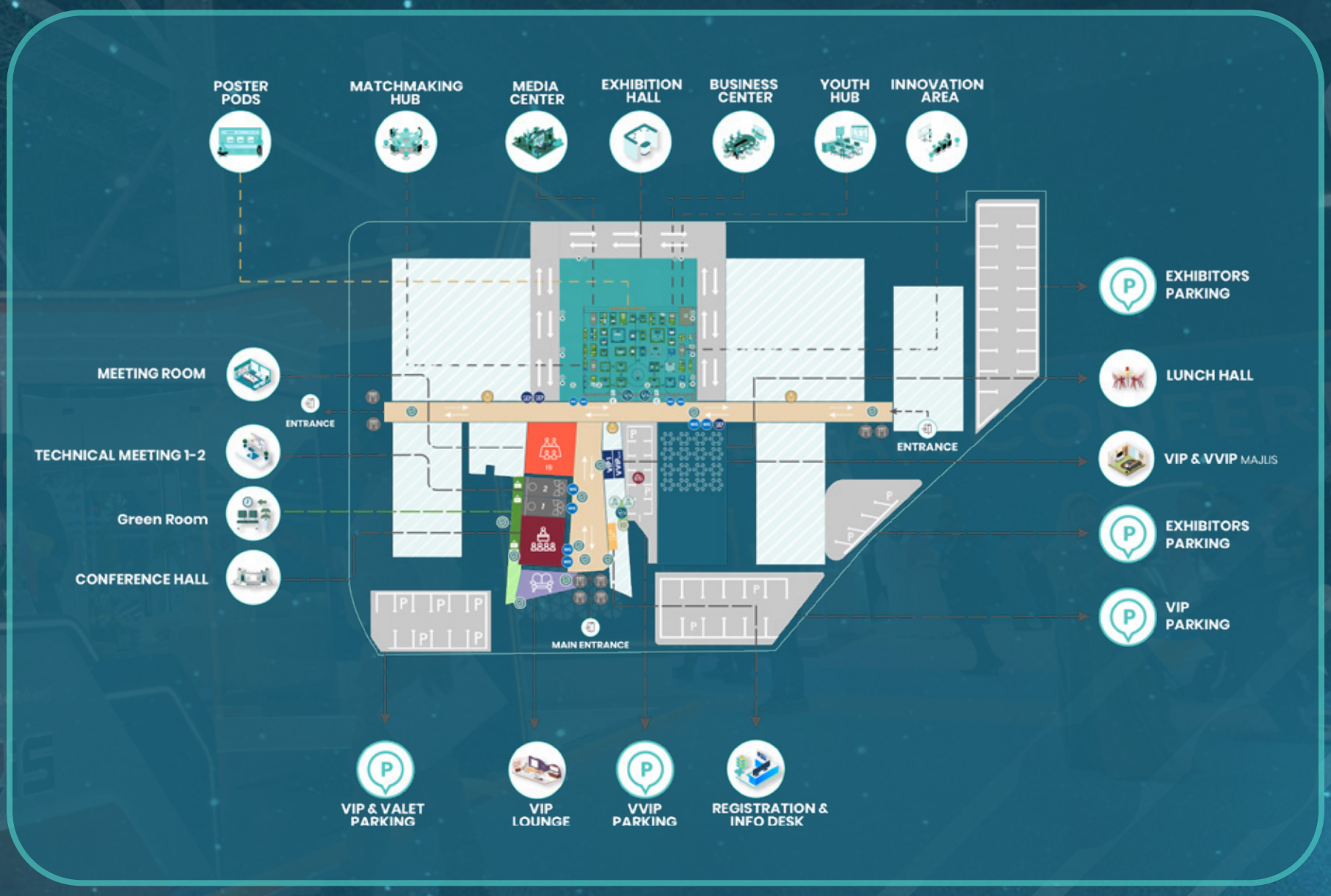
IDCE 2025
Innovating Energy, Creating Sustainable Value

VENUE

Total Exhibition Area

M²

25,850 m²





OPENING CEREMONY

The opening ceremony, held on September 30th at 9:00 AM, was a remarkable and well-attended event that drew a large crowd with distinguished guests underscoring the significance of the occasion. Due to the overwhelming turnout, the event was also broadcast live to two additional halls to allow the experience of the momentous occasion.











EXHIBITION HALL INAUGURATION

3,000+ sqm

Industry Clusters

Showcased Breakthrough Technologies

High-Impact Networking Across Exhibitors Zones

36 Sponsors
Engaged With High-Visibility Branding Packages



GDA
الإتحاد الخليجي للتكرير
Gulf Downstream Association

IDCE 2025

Innovating Energy, Creating Sustainable Value
















Samref








NFERENCE & EXHIBITION 2025

IDCE 2025
Innovating Energy, Creating Sustainable Value

CONFERENCE OVERVIEW

IDCE collaborated with S&P Global to design and deliver an innovative conference experience centered on connection, the open exchange of strategic insights, and the meaningful integration of downstream strategy.

The Program Committee dedicated significant effort to exceed expectations, ensuring an exceptional and impactful experience for all participants.

5
Stages

137
Sessions

362
Speakers From 50+ Countries

678
Technical abstracts were received, the highest ever for an IDCE edition

25%
of content dedicated to innovation and sustainability

CORE Themes

- Energy Transition & Sustainability
- Digital Transformation & AI
- Capital Efficiency & Operations Excellence
- Talent & Workforce Development
- Collaboration & Policy Alignment

Knowledge Partner

S&P Global
Commodity Insights

CONFERENCE STRUCTURE

Program Enhancements

New Additions

Day 0 Trainings | Industry Dialogues | Digital Poster Hall

These elements expanded learning pathways and boosted overall engagement across all technical levels.

Conference Flow

Strategic > Dialogue > Technical

The program moved intentionally from high-level strategic insights to focused discussions, ending in applied technical solutions, creating a seamless knowledge journey.

Daily Themes

Day 01	Day 02	Day 03
Geopolitics & Market Outlook	Decarbonization & Digital Transformation	Downstream Value Chain & Future Trends

Each day carried a clear storyline supported by relevant dialogue sessions.

Knowledge Partner

S&P Global
Commodity Insights

LEADERSHIP DIALOGUE





Mohammed Y. Al Qahtani
Downstream President – Aramco

Dave Ernsberger
Co-President, S&P Global

I see a clear shift in the narrative downstream. From Reactive to transformative, and from adoptive to innovative. And if this industry has shown anything over the decades, it's resilience. At Aramco, we view strategic downstream expansion as essential to diversify our portfolio, capture greater value, and ensure long-term resilience. Our global downstream presence is reinforcing our position as a trusted partner in refining and petrochemicals. We remain confident in our ability to thrive in an increasingly carbon-conscious world. On that front, tools like AI, cloud computing, IoT, digital twins, and blockchain are supporting us to operate more efficiently, transparently and safely. But technology is part of the story. Our greatest asset remains our HI, human intelligence: Our people. And as this industry evolves, so does our global workforce. That's why at Aramco we are investing heavily in developing future leaders, equipping them with new skills and the mindset to lead in a more complex energy world.

Mohammed Y. Al Qahtani
Downstream President – Aramco



GDA الاتحاد الخليجي للتكرير Gulf Downstream Association

IDCE 2025
Innovating Energy, Creating Sustainable Value

STRATEGIC SESSIONS

Geopolitics & Energy Markets: What it means for the industry growth



H.E. Mohammed Al-Ibrahim
Assistant Minister of Energy for Oil and Gas
Ministry of Energy



Yasser Mufti
EVP Downstream Products & Customers
Aramco



Mark Thomas
Group CEO
BAPCO Energies



Srinivas Tuttagunta
COO, Supply & Trading
Reliance Industries Limited



Li Xinhua
Head, Global Trading and International Business
Rongsheng



Paul Gruenwald
Global Chief Economist
S&P Global Commodity Insights

" Energy resilience depends on collaboration and adaptability in a changing global landscape."



KEY TAKEAWAYS

Geopolitics has disrupted traditional trade flows, created parallel oil markets (e.g., "sensitive oil"), and increased volatility in shipping and pricing.

Countries like India and China are particularly exposed due to high import dependence, while even suppliers like Bahrain are seeing unexpected shifts in supply/ demand patterns.

Chokepoints, sanctions, and tariff tensions are now critical considerations in energy planning.

STRATEGIC SESSIONS

Energy Diplomacy & Trade: Shaping the Future of Downstream



Abdulrahman Jawahery
CEO
BAPCO Refining



Elise Nowee
President
Shell Catalysts & Technologies



Ibrahim Qassim Al-Buainain
EVP, Global Manufacturing
Aramco



Abdulrahman Al-Fageeh
CEO
SABIC



Kurt Barrow
VP, Global Head of Oil, Midstream and Downstream Consulting, S&P CI
S&P Global Commodity Insights

"Energy diplomacy and trade cooperation remain vital to ensuring stability and growth in the evolving global downstream market."



KEY TAKEAWAYS

Trust Builds Partnerships
Long-term success comes from reliability and shared vision, partnerships thrive on trust built over decades, not short-term deals.

Collaboration Drives Innovation
Cross-border and cross-sector cooperation fuels resilience, agility, and breakthrough innovation amid global change.

Sustainability Secures the Future
Embedding sustainability and technology at the core of strategy ensures competitiveness and progress toward a net-zero future.

STRATEGIC SESSIONS

Strategic Imperatives for Downstream Resilience in a Low-Margin Era



Sultan Albigishi
CEO
ADNOC Refining



Kamil Al Shanfari
CEO
OQRPI



Claudio Fayad
CTO
Emerson



Jeff Rinker
President & CEO
Motiva



Dave Ernsberger
Co-President
S&P Global Commodity Insights

Kamil Al-Shanfari
CEO
For hosting the GDA's Executive Event in Salalah, Oman

August 2025

"Evolving markets and shifting trade dynamics demand agility and foresight across the value chain."



KEY TAKEAWAYS

Refiners are balancing the need to supply new fuel blends with uncertainty over policy support.

Recruiting AI-ready staff and upskilling current teams to use AI is a top priority.

Tariffs and fragmenting supply chains are making local markets ever more important.

IDCE 2025
Innovating Energy, Creating Sustainable Value

STRATEGIC SESSIONS

Maximizing Barrel Value: The Next Frontier in Refinery and Petrochemical Integration



Abdullah S. Al-Suwailem
SVP, West Region Manufacturing
Aramco



Quentin Debuisschert
CEO
Axens



Leon De Bruyn
President and CEO
Lummus Technology



Mahesh Marve
Senior EVP, Research & Technology, Refinery and Chemicals
Reliance Industries



Ravi Narayanaswamy
VP, Global Head of Feedstocks Research & Analytics
S&P Global Commodity Insights

"Integration and innovation are redefining how refineries and petrochemical plants create value."



KEY TAKEAWAYS

The most effective refinery and petrochemical integrations occur at the carbon molecular level, ensuring the best-suited molecules are utilized for producing the most valuable end products.

Refiners must remain aware of the market size difference between refined products and petrochemicals. The petrochemical market is significantly smaller, and an influx of re ,ners producing petrochemicals could lead to an oversupplied market.

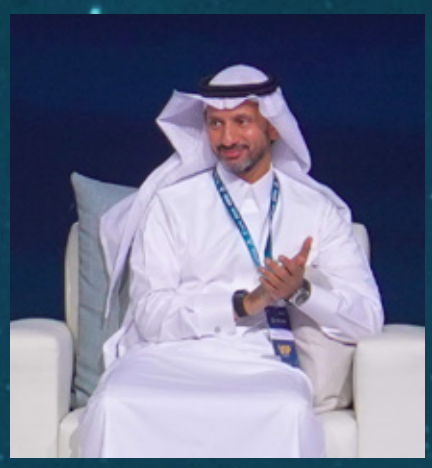
For refiners transitioning to petrochemical production, it is essential to shift from a business mindset focused on large volume commodities to one that emphasizes smaller volume, customer centric specialized products.

STRATEGIC SESSIONS

The Hydrogen Debate: Hype, Reality & Commercial Pathways



Hesham Tashkandi
Geo Head KSA
ACWA Power



Wesam Alghamdi
CEO
NEOM First List Hydrogen Company



Ivana Jemelkova
CEO
Hydrogen Council



Ahmed Hababou
President, Middle East and India
Air Products



Richard Charlesworth
Executive Director, Global Head of Industry Processes and Cost Analytics
S&P Global Commodity Insights

"Hydrogen is moving from hype to reality—turning ambition into tangible progress through collaboration."



KEY TAKEAWAYS

The hydrogen hype has tempered however the commercial reality is real, over $100 billion of projects are underway, ten times that of 5 years ago.

The Neom location allows lower cost solar & wind and the project is benefitting from close collaboration between government, technology providers, OEMs etc.

The refinery of the future will need to leverage developing technology in existing processes, new breakthrough technology such as Honeywell UOP & Lummus C2TC and AI for optimization.

STRATEGIC SESSIONS



STRATEGIC SESSION

Maximizing Returns: Capital Efficiency in Changing Landscape

Explore strategies for enhancing capital efficiency amidst evolving market dynamics, focusing on innovative approaches to maximize returns while navigating challenges in investment and resource allocation.

Anthony John Wood
VP, Global Head of Oil, Midstream and Downstream Consulting, S&P Global Commodity Insights



Ralph Wetzels
SVP, Downstream Finance
Aramco



Basema Al Mahroos
CEO - Bapco Tazeweed



Fabricio Sousa
Global President
Worley Consulting



Thomas Maurisse
SVP, Refining & Petrochemical
Asia & Middle East
TotalEnergies



STRATEGIC SESSION

AI for Energy, Energy for AI

Discussion on how AI is transforming energy production, distribution, and consumption, while highlighting the rising energy demands driven by AI data servers.

Jake Yang
CTO, S&P Global Commodity Insights



Sami A. Ajmi
SVP, Digital & I.T
Aramco



Heiko Claussen
Chief Technologist
Aspentech, Emerson



Norinao Sato
President & CEO
Yokogawa Middle East & Africa



AJ Abdallat
CEO
BeyondLimits

STRATEGIC SESSIONS

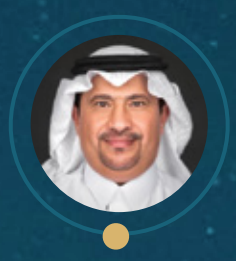


Anthony John Wood
VP, Global Head of Oil, Midstream and Downstream Consulting, S&P Global Commodity Insights

STRATEGIC SESSION

Downstream Decarbonization: Demand Sustainability Through Carbon Competitiveness

How can refineries be ready for lower carbon world? What are the latest developments in clean hydrogen, carbon capture, and sustainable biofuels as alternatives to traditional refining?



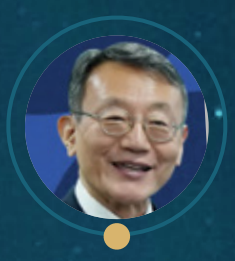
Walid Al Naim
VP & Chief Engineer
Aramco



Andrea Bozzano
VP & CTO
Honeywell



Elena Scaltritti
Chief Commercial Officer
Topsoe



Hitoshi Masuda
Senior Executive Director (CTO)
JCCP



Sanjay Sharma
VP, Global Head of Chemicals Consulting,
S&P Global Commodity Insights

STRATEGIC SESSION

The Global South Pivot: Strategic Shifts for Middle East NOCs

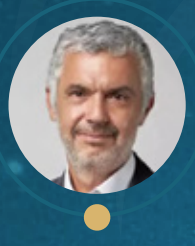
Exploring the growing influence of emerging economies in Asia and Africa on Middle East NOC investment, trade flows, and strategic priorities



Abdullah S. Al Ajmi
CEO
OQ8



Saad H. Binmatlig
CEO
Yasref



Francesco Palmieri Lupia
MD & Senior Partner
Boston Consulting Group



Sergey Denisov
Chief Development Officer
Nayara Energy

STRATEGIC SESSIONS



Kurt Barrow
SVP, Global Head of oil, fuels and chemical solutions S&P Global Commodity Insights

STRATEGIC SESSION

Global Refining Realignment: Asia's Ascent and Europe's Transition

How India's refining expansion, China's petchem-driven model, and EU's capacity rationalization are likely to reshape global refining dynamics?



Khalid S. Ghamdi
SVP East Region Manufacturing
Aramco



Rajesh Samarth
CEO
Chevron Lummus Global



Rachid Majiti
Senior Partner,
McKinsey & Co.



SAAD AL QAHTANI
SVP Oil and Gas
Aramco



Jad Moussalli
Partner Energy and Natural Resources, Oliver Wyman

STRATEGIC SESSION

AI in Refineries: Accelerating Digital Transformation

How AI, predictive analytics, and automation are revolutionizing refinery operations enhancing efficiency, safety, and profitability while reducing emissions.



Ahmed Al Ghamdi
CEO
Artificial Intelligence Global Co



Norm Gilsdorf
CEO
Plant Digital



Jake Yang
CTO, S&P Global
Commodity Insights



Abdulla Omar Al Ameri
VP, Asset Development
ADNOC

STRATEGIC SESSIONS

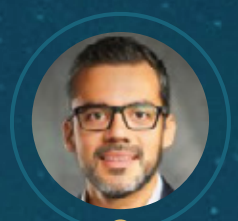


Jim Burkhard
VP, Global Head of Oil & Mobility Research & Analytics S&P Global Commodity Insights

STRATEGIC SESSION

Charging Ahead: the EV Revolution and Fuel Retail Transformation

Discussion on how rising EV adoption is transforming energy demand, infrastructure needs, OEM partnerships, and impacting petrochemical consumption patterns



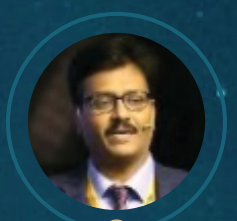
Samuel Raudales
Chief Growth Officer
Valvoline



Abdullah AlOtaibi
Global VP, Polyethylene
SABIC



Tune Marschall
Partner
Bain & Company



Gopi Sankar
Global CTO
Switch Mobility



Gaurav Srivastava
Regional Head - Oil Midstream and Downstream Consulting (ME & India)
S&P Global Commodity Insights

STRATEGIC SESSION

Future-Proofing the Downstream Workforce: Digital Integration & DEI Initiatives

An in-depth discussion on how AI, automation, AR/VR, reskilling, and DEI initiatives are transforming the downstream workforce—boosting safety, innovation, and inclusive growth.



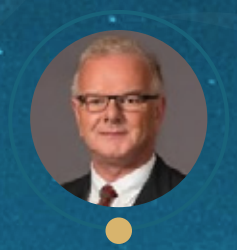
Shaima Al Ghunaim
EVP, Planning & Finance
KPI



Nouf Al Sowaidi
Group Chief HR Officer,
BAPCO Energies

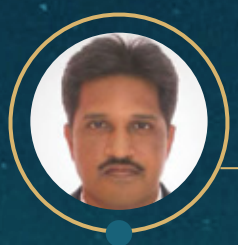


Kristy Chadwick
Group CEO
TTRO



Mark Anderson
SVP Strategy and Value Chain KBC (A Yokogawa Company)

STRATEGIC SESSIONS



STRATEGIC SESSION

Lubricants & Base Oils: Driving Efficiency in a Low-Carbon Future

Impact of EVs, bio-based lubricants, and synthetic oils on refining, sustainability, and industrial performance.

Ravi Narayanaswamy
VP, Global Head of Feedstocks Research & Analytics S&P Global Commodity Insights



Brian Paliotti
President
Afton Chemicals



Samer A. Al Hokail
CEO
Luberef



Marco Digioia
President
ATIEL



Imad A. Al Hadlaq
EVP, Manufacturing
Kuwait Petroleum International



STRATEGIC SESSION

Biofuels & SAF: Can They Scale Fast Enough To Transform Mobility?

This session examines the potential of biofuels and Sustainable Aviation Fuels (SAF) to scale rapidly, assessing their role in transforming mobility, reducing emissions, and meeting global sustainability goals.

Ethan Ng
Regional Head - Oil, Midstream and Downstream Consulting (APAC)



Khalid Al Harthi
President & CEO
SASREF



Dr. Jennifer Holmgren
CEO
Lanza Tech



Deepak Munganahalli
Co-Founder
SAF One



Tim M. Lederer
VP Global Aviation Regulatory Affairs
DHL Express

INDUSTRY SESSIONS



INDUSTRY DIALOGUE

From Blueprint to Reality: Mastering Project Planning, Execution and Commissioning

Exploring how digital tools and technologies can enhance the efficiency, coordination, and outcomes of large-scale projects from the concept to commissioning.

Raj Jhajharia
Principal Consultant,
Becht



Hassan H. Al Yami
VP Ras Tanura Refinery,
Aramco



Fahad S. Al Mutairi
Deputy CEO, Al Zour Operations
KIPIC



Hanny Alshazly
Managing Director, MENA Region
PMI



Nicolas Poirot
VP Africa, Middle East & India
Air Liquide



INDUSTRY DIALOGUE

Intelligent Integration: AI and Digitalization in Downstream

This session focuses on the integration of AI and digital technologies to achieve autonomous operations, optimize processes, predictive analytics and enable real-time decision-making in the downstream oil and gas industry. Key areas of focus include AI-based decision-making, Process Digital Twin, real-time optimization (RTO), and case studies on the successful implementation of these technologies.

Andreas Kyrilis
Senior Partner,
Bain & Company



Omar Y. Thukair
VP & Chief Digital Officer
Aramco



George Cui Shan
Chairman & President
Supcon



Khaled Al Blooshi
VP Digital Projects & Innovation
ADNOC



Santosh Unni
Head of Digital
Transformation & AI Services
Infosys Consulting

INDUSTRY SESSIONS



David Sayah
Managing Director and Partner,
Boston Consulting Group

INDUSTRY DIALOGUE

Digital Reliability & Asset Integrity: Enhancing Integrity With Predictive Analytics

Focus on how digital tools and predictive analytics can enhance reliability and asset integrity in refinery operations. Management of shutdowns/turnarounds more efficiently, risk-based inspection practices along with reliability centered maintenance programs with digital footprint and best practices.



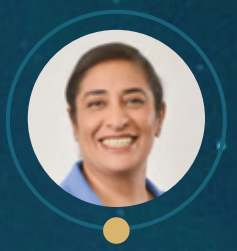
Sami Bu Rushaid
VP, Global Manufacturing Excellence
Aramco



Matt Spalding
VP APAC, Middle East, North Africa & India
Honeywell E&S Solutions



Gaetano De Santis
EVP Reliability Maintenance,
BAPCO Refining



Dr. Chiraz Ennaceur
CEO & Co-Founder
CorrosionRADAR Ltd.



Paul Cannizzo
VP Sustainability and Strategic Insights
Solomon Associates

INDUSTRY DIALOGUE

Downstream Sustainability: Integrating Efficiency and Decarbonization for Success

Discussion on strategies and technologies aimed at reducing carbon emissions while enhancing energy efficiency in the downstream industry. This involves the integration of new process configurations, refinery-petchem integration, advanced control systems, digital technologies, and sustainable practices to optimize refinery processes and reduce energy consumption and improve long-term profitability.



Mohammad M. Farsi
President & CEO
SAMREF



Syed M. Alawi
SVP, Technical Services
BAPCO Refining



Mikala Grubb
Senior Vice President,
Topsoe



Ujjal Mukherjee
CTO
Lummus Technology

INDUSTRY SESSIONS



Richard Charlesworth
Executive Director, Global Head of Industry Processes and Cost Analytics
S&P Global Commodity Insights

INDUSTRY DIALOGUE

Innovating Refinery of the Future: Cutting-Edge Technologies From Concept to Commercialization

Advanced control systems and new process technologies to optimize refinery processes. This track also focuses on autonomous operation systems, Advanced Process Control, solutions for process optimization, real-time optimization (RTO), and case studies on autonomous operations



. Dr Ali A Al Meshari
SVP, Technology Oversight & Coordination
Aramco



Othman Al Ghamdi
President & CEO
Petro Rabigh



Hari Ravindran
SVP & Global Head Technology Solutions
KBR



Arun Arora
CTO
Chevron Lummus Global



Abdulaziz Alajian
The Saudi Investment Bank

INDUSTRY DIALOGUE

Leadership Evolution: Cultivating Tomorrow's Leaders Today in the AI Paradigm Shift

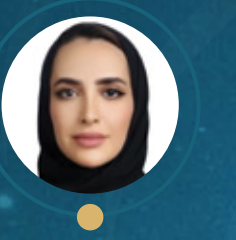
Discussion on required structured leadership development initiatives that focus on upskilling and reskilling employees to make future ready leaders for new technology (AI/ ML, AR/VR, Digitalization) environment.



H.E. Prof Ebrahim Al Hajri
President
Khalifa University



Nayef S. Al Otaibi
VP, Downstream HR
Aramco



Nada Al Meqbali
Vice President, Future Foresight & Creative Lab
ADNOC



Ghanim N. Al Otaibi
Deputy CEO Projects
KNPC

INDUSTRY SESSIONS



Ehsan Akhavan
MD Middle East & Africa
DSS+

INDUSTRY DIALOGUE

Pioneering the Future: Revolutionizing HSSE in Refineries With Cutting-Edge Technologies

Exploring the integration of advanced technologies in refinery operations to enhance safety, security, health measures and risk mitigation involves using best industry practices, digital twins, and real-time monitoring systems to prevent accidents, ensure secure operations, and promote worker health. Additionally, implementing innovative safety protocols and cybersecurity measures ensures a safer, more secure, and healthier refinery environment.



Musallam Al Khaifi
VP Corporate HSSE
OQ



Steve Odlin
SVP Fire, Safety, and Security
BAPCO Refining



John Burgess
Founder,
Smith & Burgess Process Safety Consultants



Abdulaziz Al Askar
VP Engineering & Technical Services
SATORP



Jad Dib
Partner
McKinsey & Company

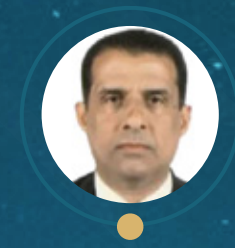
INDUSTRY DIALOGUE

Navigating Complexity and Uncertainty: Achieving Supply Chain Excellence in the Downstream Industry

Strategies for identifying risks, bottlenecks, and managing complexities in downstream supply chains, focusing on optimizing processes, to manage future integration like renewables (biofuels, SAF, e-fuels), EV charging infrastructure into supply chain by leveraging advanced technologies, and enhancing collaboration.



Hisham Alnughaimish
President
Bahri Oil



Ayoub AlGhamdi
Senior Consultant
S-Chem



Jerry Kalogiratos
CEO, Capital Clean Energy Carriers Corp.

IDCE 2025
Innovating Energy, Creating Sustainable Value

Knowledge Partner
S&P Global
Commodity Insights

TECHNICAL SESSIONS

2
Technical Halls

24
Technical Sessions

96
Experts

Themes

- AI and Digitalization for Downstream
- Energy Management and HSE
- Reliability and Integrity
- Leadership and People Development
- Advanced Process Solutions & New Technologies
- Supply Chain Optimization
- Downstream Decarbonization and Energy Management



"From electrifying core processes to reimagining hydrogen's role and innovating across the entire hydrocarbon value chain, the industry is shifting from incremental improvements to transformative solutions that integrate sustainability, efficiency, and low-carbon pathways."

"Integrating hydrogen networks and adopting hybrid project management approaches, combining rigorous planning, KPIs, and AI tools, which have proven critical for enhancing reliability, operational flexibility, and capital efficiency, turning complex projects into safe, timely, and high-performing outcomes."




aramco
Enabling the Future of Downstream through Digital Technologies
MeeraGPT:
The Engineering Standards Chatbot
Hamad Saeed
ADNOC Refining


ovation and Technology Drive in
arbonization and Energy Transition
e Drum Bottom Flange Repair
Ibrahim Al
YASREF




IDCE 2025
Design Vulnerability Mitigation in refinery process equipment
Case study
aramco
Case Studies in Corrosion, Damage Mechanisms, and Reliability Challenges
Moza Alhosani
ADNOC Refining
IDCE 2025

GDA LEADERSHIP AWARD



GDA serves as a leading downstream hub for technical knowledge exchange and industry collaboration, representing members responsible for approximately 7 million barrels per day of refining and petrochemical capacity. Its founding members have expanded to become global benchmark energy companies, influencing industry standards globally.

Behind this achievement stands visionary leaders and innovative teams. In recognition of their impact, the GDA Board of Directors introduced the GDA Leadership Award honoring exceptional leaders who have made significant contributions to their organizations and to the sector.

The award is introduced for the first time, and it will be continued with every edition. It has undergone a rigorous process led by a jury committee comprising the Secretary General, founders' representatives, partners, university professors, and SMEs to develop and recognize leaders. This Award pays tribute to current presidents, CEOs, executives, and senior leaders. It recognizes leaders who built lasting legacies across key sectors including refining, petrochemicals, logistics, marketing and retail, and product development and innovation.

The award uses five major factors in the selection of this year's visionary leader:

1. Industry Contributions/Impact
2. Sustainability Growth, & Strategic Long-Term Transformation
3. Financial and Country/Regional Value Added
4. Downstream Strategy Development & Impact
5. Local Content and Social Impact

GDA LEADERSHIP AWARD



Mr. Mohammed Y. Al Qahtani,
Downstream President – Aramco

“This award proudly presented to Mr. Mohammed Al Qahtani, Downstream President – Aramco in appreciation of his outstanding contribution.”

Over the course of his career at Saudi Aramco, Mr. Al Qahtani has demonstrated versatile leadership in roles spanning the corporate, Upstream, and Downstream sectors.

Mr. Al Qahtani serves as chairman of Aramco Trading Company (ATC), Motiva Enterprises, and Saudi Aramco Total Refining and Petrochemical Company (SATORP).

He is also Vice Chairman of Saudi Basic Industries Corporation (SABIC), and a board member of the Saudi Arabian Mining Company (Ma’aden), S-Oil, and the Dhahran Techno Valley Holding Company. In addition, he is a member of the Board of Advisors for the Bilateral U.S. Arab Chamber of Commerce along with other board which has provisory been part of.

In 2025, Mr. Al Qahtani was elected as a member of the prestigious National Academy of Engineering in the U.S., one of the world’s highest professional distinctions in the field of engineering.

Mr. Al Qahtani was recognized for his leadership and contributions to carbon management in the oil and gas industry.

Mr. Al Qahtani earned a Bachelor of Science degree in petroleum engineering from King Fahad University of Petroleum & Minerals (KFUPM) in 1988, followed by a master’s degree and doctorate in the same field from the University of Southern California in 1992 and 1996.

Mr. Al Qahtani stands as a Visionary leader whose strategic foresight and inspiration leadership have left a profound impact on Saudi Aramco, the region, and the Global energy sector.

He is also recognized with the U.S. National Academy of Engineering (NAE) Award in 2025. Mr. Al Qahtani has demonstrated visionary leadership, operational excellence, and a steadfast commitment to sustainable growth. His ability to lead through change, drive commercial transformation, and deliver value across global and local markets makes him a highly deserving awardee for the GDA Leadership Award.

GDA
الإتحاد الخليجي للتكرير
Gulf Downstream Association

IDCE 2025
Innovating Energy, Creating Sustainable Value



GDA الاتحاد الخليجي للتكرير Gulf Downstream Association

IDCE 2025
Innovating Energy, Creating Sustainable Value

YOUTH PULSE PROGRAM

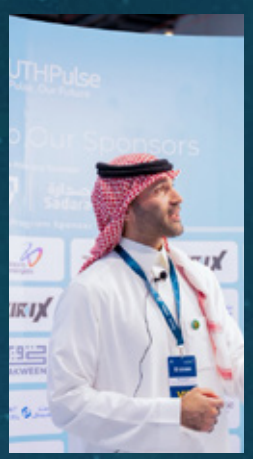
1,000+
students shared their insights and future aspirations.





Youth Pavilion

featured startups, future leaders, and innovation challenges.



Dedicated workshops

on career pathways and skills of the future.







IDCE 2025 successfully blended leadership development, innovation, and technical expertise into an inspiring three-day experience. Participants engaged with thought leaders, enhanced their skills through interactive sessions, and showcased creativity in competitions.

The program reflected IDCE's commitment to empowering future leaders, promoting collaboration between industry and , and driving forward a culture of innovation and resilience in the energy and industrial sectors.

IDCE 2025
Innovating Energy, Creating Sustainable Value

YOUTH PULSE PROGRAM

IDCE 2025 was designed to empower young professionals and students through a rich series of workshops, panel discussions, and competitions that combined leadership, innovation, and technical excellence.

Over three days, the program offered a platform for participants to engage with industry experts, enhance personal and professional skills, and gain insights into the future of energy, leadership, and digital transformation.

Speakers



Saad Alkhuzayim
Head of Ministry of Energy's Eastern Branch and its Affiliated Centers
Ministry of Energy



Mahdi Aladel
Chief Executive Officer
Aramco Venture



Afaf Zainalabedin
GDA Board Member and Financial Secretary
Deputy CEO, BAPCO Refining



Bassam A. Al-Bokhari
GDA Secretary General
CEO, EnergyTech



Norm Gilsdorf
Chief Executive Officer
Plant.Digital



Lowlowh A Alshammri
Secretary General of EPCSR, Eastern Province Council for Social Responsibility
Ministry of Interior



Adnan Al Mahmood
Deputy Chief Executive Officer Support (DCEO-S),
GPIC



Gaetano De Santis
EVP Reliability Maintenance at BAPCO Refining



Salman Al Ibrahim
CEO of Takween 3D



Rasha Albuskitah
EnergyTech



Dr. Mohammed Bin Shams
Department Chair and Associate Professor of Chemical Engineering
University of Bahrain

IDCE 2025
Innovating Energy, Creating Sustainable Value

YOUTH PULSE PROGRAM

Speakers



Hussein Al Ajmi,
Head of Central Technical Services OQ



Duilio Casertano Di Salvo
Technical Service Manager Middle East and Central Asia
Topsoe



Dr. Raed Aljowder
Assistant Professor
University of Bahrain



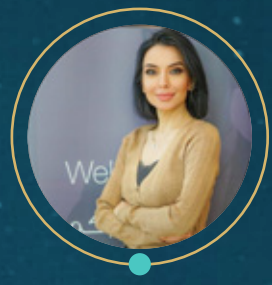
Ahmed Alshaikh
AI, Data, and Immersive Technologies Director
AI Global Company



Khalid Nadhem
Process Lead
Bapco Refining



Nourah Almulla
Senior Petroleum Engineer
Aramco-YLAB



Sameera Baba
Leadership Development Specialist
Bapco Refining



Dhanasekar Periyasamy
Sr. Principal Solution Consultant
Aspen Technology



Rayan Hafiz,
Engineering Specialist, Aramco Senior Manager, Solution Consultant
Plant.Digital



Anas Hakami
CEO of Kirix



Ishaq Ameen Alkooheji
L&D and Leadership Development Expert
IMA CONSULTANCY



Sayed Mahmood Alawi
Acting EVP Technical Services and Engineering
Bapco Refining



Talal Alqahtani
Process Engineering Manager
SABIC



Adnan Sharif,
Maintenance Manager & SYLC members
SABIC



Chouaib Barnou
Regional Head of Community
PMI MENA



Maream-Jena Nabut
Regional Youth and Academic Lead
PMI MENA


Driven by Youth, Built for the Future
YOUTHPulse
Their Pulse, Our Future


YOUTHPulse
Their Pulse, Our Future


THE PULSE AGENDA
BE THE VOICE THAT CHANGES TOMORROW
YOUR VOICE MATTERS!




YOUTHPulse


Thank You To Our Sponsors
TOPSOE
KIRIX


BUSINESS CENTER
EXIT
YOUTHPulse
Their Pulse, Our Future
Driven by Youth, Built for the Future
YOUTHPulse
Their Pulse, Our Future
IDCE 2025

HOST & STRATEGIC SPONSORS



Aramco



Bapco energies



Sabic

DIAMOND SPONSORS


KPC (KNPC & Q8)



S-Oil


Arabian Fal


SASREF



OQ


Satorp

GDA
الاتحاد الخليجي للتكرير
Gulf Downstream Association

IDCE 2025
Innovating Energy, Creating Sustainable Value

THE EXHIBITION

The exhibition inauguration was a vibrant and memorable event, full of energy, meaningful connections, and genuine networking with our valued partners.

The Program Committee went above and beyond to deliver a remarkable event, marked by excellence and a truly unique experience for all participants.














CLASS PRO








Sponsors &
Exhibitors




YOUTHPulse
Their Pulse, Our Future
Youth, Built for the Future


IDCE 2025




EXIT
IDCE 2025








aramco




IDCE 2025
YOUTHPulse
Thank You To Our Sponsors


Supply Chain
Inspiring Next Gen
S-OIL


BHIG

THE INNOVATIVE EXHIBITION

The exhibitors exerted every effort to deliver a strong and compelling company image, through creative displays and engaging experiences.



















GDA EXCELLENCE AWARDS

Congratulations to all the outstanding winners

Recognizing Excellence and Innovation in Downstream.

The GDA Excellence Awards spotlight outstanding achievements across the downstream value chain. Each award recognizes organizations that raise industry standards through innovation, operational excellence, and sustainable impact.

A jury of executives from GDA's founding members reviewed more than 250 submissions, selecting leading initiatives across eight categories.

These awards honor the people and projects driving progress and setting new benchmarks for the regional downstream industry.

BEST CSR INITIATIVE

01 — Q8 — **Q8 Sailing for Change**

02 — KNPC — **The Grievance & Welfare Committee**

03 — Samref — **Equipping the Prosthetics Center**

BEST OPERATIONAL EXCELLENCE PROGRAM

01 — S-OIL — **#3 RHDS and #2 RFCC**

02 — OQ — **OQ RPI Flare Purge Optimization Project**

03 — S-OIL — **Underwater Cleaning Robot** Krebo K5 Model

BEST PROJECT EXECUTION

01 — OQ8 — **Lender Reliability Test (LRT)**

02 — aramco — **King Salman International Compex for Maritime Industries Services**

03 — worley — **Mastergas System Expansion Phase III**

GDA EXCELLENCE AWARD

BEST SAFETY PROGRAM

01 — aramco — (TDRI) Program

02 — S-OIL — Fourth Industrial Revolution Technologies (4IRT)

03 — SASREF — HSSE Management System

BEST TALENT DEVELOPMENT PROGRAM (ACADEMIA)

01 — معهد الطاقة EnergyTech — ACT-Eng: Accelerated Skill Development for Engineers

02 — معهد الطاقة EnergyTech — EnergyTech Talent Development Program (ETDP)

03 — aramco — Transforming Saudi Aramco's Marine Training – A Paradigm Shift in Talent Development

BEST TALENT DEVELOPMENT PROGRAM (CORPORATE)

01 — Bapco Refining — LEAD 1.0 & LEAD 2.0

02 — SASREF — Training and Development Department

03 — OQ — ITQAN Program

BEST USE OF DIGITAL TECHNOLOGY & AI

01 — aramco — OSPAS Planning Turnaround & Inspection Consolidated Schedule (OPTICS)

02 — البترول الوطنية KNPC — Mina Al Ahmadi (MAA) Refinery and Mina Abdullah (MAB)

03 — ADNOC — Linear Programming (LP)

GALA GATHERING

The gathering underscores a strong, united commitment to the downstream industry and highlights the value of relationships built through GDA's global network. It was an opportunity to extend GDA appreciation to all sponsors, partners, and exhibitors, with special recognition for Luberef and its leadership for supporting the Gala Dinner.



GDA Board of Directors shares their appreciation to H.E. Dr. Mohamed Bin Mubarak Bin Daina

SPONSORS RECOGINTION



Aramco



Bapco energies



Sabic



KNPC



Q8



OQ



S-Oil



ADNOC



SASREF



Satorp



Arabian Fal



Luberef - Gala Dinner Sponsor

GDA
الإتحاد الخليجي للتكرير
Gulf Downstream Association

IDCE 2025

Innovating Energy, Creating Sustainable Value


























IDCE 2025
Our Prosperity


Strategic Sponsor


INTERNATIONAL DOWNSTREAM
CONFERENCE & EXHIBITION 2025
Innovating Energy, Creating Sustainable Value
OQ
ADNOC
sabic
Bapco energies
luberef
Afton
satorp
Baker Hughes
aramco
Shell

GDA الإتحاد الخليجي للتكرير Gulf Downstream Association

IDCE 2025
Innovating Energy, Creating Sustainable Value

GLOBAL REACH

1.10+ Million
Media Reach

20+ Million
Social Impressions



3,200+
Social Mentions

270+
Articles & Coverage Pieces

119,088
Social Engagements

Featured In Media

الأيام | أخبار الخليج | The Daily Tribune News of Bahrain | الجريدة | Riyadh Daily | نبض
وكالة أنباء البحرين Bahrain News Agency | MENAFN | الوطن ALWATAN | Gulf Daily News | Mathrubhumi THE NATIONAL DAILY IN MALAYALAM
البلاد | TradeArabia BUSINESS NEWS INFORMATION | العربية الخليج | أرقام arqaam | كونا KUNA | النهار

Media Highlights

البحرين مركز الأخبار | Riyadh Daily | أخبار ليبيا | أخبار الخليج
وكالة الأنباء السعودية SAUDI PRESS AGENCY WAS SPA | CNE Company News in Egypt | النهار | الوطن ALWATAN
وكالة أنباء البحرين Bahrain News Agency | البلاد | الأيام | ZAWYA BY LSEG

COMMUNICATION WITH OUR PARTNERS









MOU SIGNING



سابك sabic | Honeywell | جامعة الملك عبدالله للعلوم والتقنية King Abdullah University of Science and Technology



GDA & ITTIHAD ALADALAH CO. - TO BECOME GDA LEGAL PARTNER



GDA & ARTLENS - TO BECOME GDA MEDIA PARTNER

EXECUTIVE COMMITTEE

With a strong representation, unique diversity, strategic insights and leadership, the Executive Committee is the pillar of the IDCE 2025. The Committee met regularly in 2025 to set objectives, principles, expectations, and to design IDCE 2025.



Hussain Al Qahtani
GDA Board Chairman
Senior Vice President of Fuels, Aramco



Wadha Al Khateeb
GDA Board Vice Chairperson
CEO, KNPC



Sultan Al Bigishi
GDA Board Member
CEO, ADNOC Refining



Kamil Al Shanfari
GDA Board Member
CEO, OQ Refineries and Petroleum Industries



Shafi Al-Ajmi
GDA Board Member
President & CEO, Kuwait Petroleum International



Afaf Zainalabedin
GDA Board Member And Financial Secretary
Deputy CEO, BAPCO Refining



Bassam Al-Bokhari
GDA Secretary General
CEO, EnergyTech



Omar Al Thukair
Vice President & Chief Digital Officer, Aramco



Walid Al Naim
Vice President and Chief Engineer
Aramco



Khalid A. Al-Harthi
President and CEO
SASREF



Mohammad A Al Hatlani
President and CEO
SATORP



Anwar A. Al-Hejazi
CEO
S-Oil



Abdullah S. Al-Arifi
Vice President, Corporate Affairs
SABIC



Brian Paliotti
President of Afton
Chemical Corporation



Saad Al Qahtani
SVP Oil and Gas, Board Chair and Member
Vision Invest



Othman Al-Ghamdi
President and CEO
Petro Rabigh

EXECUTIVE COMMITTEE



Saad Binmatlig
President and CEO
YASREF



Vincent Servello
President
AspenTech



Jamal Muashsher
President and CEO,
Valvoline Global Operations Co.



Fadi Al-Jafari
Vice President- Saudi Arabia and Bahrain
Baker Hughes



Samer Bin Abdulaziz Al Hokail
President and CEO
Luberef



Abdullah S. Al Sayed
President and CEO
Arabian Fal



Fayez Al Sharif
CEO
Sadara



Mohammed AlFarsi
President and CEO
Samref



Quentin Debuissch
Chairman & CEO
Axens



Joe Tarantola
Chairman & CEO, kline + Company



Ahmed Al-Ghamdi
CEO
Artificial Intelligence



Matt Spalding
Vice President
Honeywell Energy & Sustainability Solutions



Mr. Norinao Sato
President & CEO
Yokogawa Middle East & Africa B.S.C.(c)



DR. Fuad Mohammed Al-Ansari
President
University of Bahrain



Professor Kuo-Wei Huang
Associate Vice President, Research
KAUST



Dr. Faisal Salman Al-Humaidan
Acting General Director (KISR)



H.E. Prof. Ebrahim Al Hajri
President
Khalifa University



Dr. Hassan Baaqeel
Assistant Professor and Dean of College of Chemicals and Materials
King Fahd University of Petroleum and Minerals



Prof. Fawaz S. Al-Anzi
Vice President
Abdullah Al Salem University



Prof. Khamis bin Hamad Al Yahyai
Vice Chancellor
Muscat University

ADVISORY COMMITTEE



Abbas S. Al Ghamdi
Director, Research & Analytical Services Department
Aramco



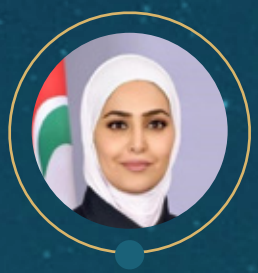
Abdulsalam AlSaif
Director, Ras Tanura Refinery Operations Department
Aramco



Roberto Grillo
Director, Refining Kuwait Petroleum Italia S.p.A.



Faisal Al Balushi
Chief People & Technology Officer
RPI, People & Technology RPI, OQ



Jamilah Abdullah Almutairi
Manager, Technical Services
KNPC



Hamid A. AlHarthi
Director
SABIC



Sayed Mahmood Alawi
SVP Technical Services
BAPCO Refining



Mohammed M Baobaid
Vice President, Business Support
ADNOC Refining



Jad Dib
Partner, Dubai Leader of McKinsey's Oil & Gas Practice in the Middle East



Ahmed Abdullah Al Haddad
Chief of Public Relations, Ministry of Oil and Environment

ORGANIZING COMMITTEE

IDCE Chairman



Mitib Al Harbi
Fuels Business Management - VP
Aramco

Operations Committee Chair



Ammar Zaatari
Director
Aramco

Program Committee Chair



Abdalaziz A. Albalawi
Director & Chief Transformation Officer
Aramco

OPERATIONS COMMITTEE



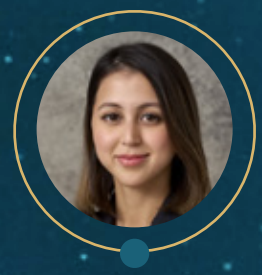
Project Coordinator
Faisal Y. Al-Dossary
Sr. Marketing Coordinator, Fuels
Aramco



PMO
Eman Jamal AlKhonaifer
Engineer, Ras Tanura Refinery
Aramco



VIP & Protocol
Mohammad Al-Saif
Corporate Comms Manager
EnergyTech



Executive Communication
Eman Turkistani
Senior Affiliate Advisor, Fuels Business Management
Aramco



Youth Committee Lead
Khalid S. Al-Abdulwahed
General Manager, Maintenance and Operations Training Center
EnergyTech



Sales & Ceremonies
Ghaida S Alsaleh
Financial Analyst, Eastern Region Fuels
Aramco



VIP & Protocol
Saeed Mohammed Al Mamari
Manager Communications and Events Management
OQ



Marketing & Media
Hessa Ali Albadi
P&PM, Fuels
Aramco



VIP & Protocol
Abeer Khaled Al-Essa
Team Leader Corporate Communication Management Support Department
Q8



Sales & Ceremonies
Rakan Alajmi
Engineer
Aramco



VIP & Protocol
Sarah Hashem
Senior Controller, External Communications
KNPC



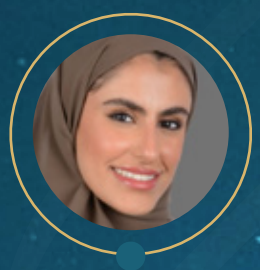
Program & Communication
Maram Janahi
GDA Communication Manager
GDA



VIP & Protocol
Reem Ebrahim
Manager Events and Protocols
Bapco Energies



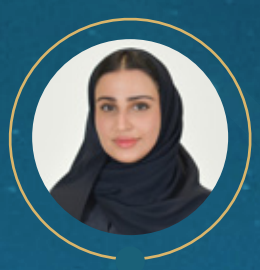
VIP & Protocol
Ameena Meamari
Manager Internal Events & Protocol
Bapco Refining



VIP & Protocol
Fawziah S. Alajmi
Lab Scientist
Aramco



Exhibition & Venue Setting
Ahmed Mohammed Alshehri
Aramco



Communication & Registration
Shahad Alyami
Aramco



Exhibition & Venue Setting
Ameen J. Aldossary
Aramco



Exhibition & Venue Setting
Sultan Ahmed Yousef Abduljabbar
Aramco

PROGRAM COMMITTEE



Committee Vice-Chair
Emad A Al-Muhaisen
Assistant to, SVP Western Region Manufacturing
Aramco



Workstream Coordinator
Mohammed Mansoor
GDA Technical & Marketing Manager / Bapco Refining Vice President Special Assignment
Bapco Refining



Haitham Abdullateef Aljohani
Business Admin Support, Supervisor
Aramco



Saud Saleh Alghamdi
Communication Group Leader
Aramco

S&P PARTNERS



Gaurav Srivastava
Regional Head - Oil Midstream and Downstream Consulting (ME & India)
S&P Global Commodity Insights



Anurag Choudhary
Associate Director, OMD Consulting (ME & India)
S&P Global Commodity Insights



Gaurav Kumar Tyagi
Consulting Manager, OMD Consulting (ME & India)
S&P Global Commodity Insights



Geoffrey Warr
Regional Head EMEA - Consulting Engagements
S&P Global Commodity Insights

PROGRAM COMMITTEE

No	Name	Company
1	Abdalaziz Albalawi	Saudi Aramco
2	Abdulaziz AlSheehah	Kuwait Petroleum International (KPI)
3	Abdullah AL Hamdi	Kuwait National Petroleum Company (KNPC)
4	Abdullah Almandani	Kuwait National Petroleum Company (KNPC)
5	Abdulrahman Alrumaidh	Bapco Refining
6	Adnan Alsabti	Kuwait National Petroleum Company (KNPC)
7	Ahmad Albasri	Kuwait Integrated Petroleum Company (KIPIC)
8	Ahmed Abdullah	OQ8
9	Ahmed Al Mulhim	Saudi Aramco
10	Ahmed Al bulushi	OQ8
11	Ahmed Haouari	Saudi Aramco
12	Ahmed Ismail	SASREF
13	Alberto Miguel	IDOM CONSULTING, ENGINEERING AND ARCHITECTURE
14	Alessandro Lietti	Kuwait Petroleum International (KPI)
15	Alex Guerra	IDOM CONSULTING, ENGINEERING AND ARCHITECTURE
16	Ali Albaqshi	Kuwait National Petroleum Company (KNPC)
17	Ali Rashid Alshehhi	ADNOC Refining
18	Ali Mohamed Jaffar	Bapco Refining
19	Ali Waleed Saleh Alqallaf	Kuwait National Petroleum Company (KNPC)
20	Alyazeed Alanazi	Kuwait National Petroleum Company (KNPC)
21	Aneesh Mohanan	Yokogawa
22	Ankush Dehankar	Topsoe A/S
23	Anood Taher	ADNOC Refining
24	Antonio Scatigno	Saudi Aramco
25	Anwar Khawajah	Saudi Aramco
26	Arnold Henry	Worley
27	Bader Al Harbi	Kuwait National Petroleum Company (KNPC)
28	Barinder Ghai	Alleima
29	Bassam Jayed Taher Al-Shammari	Kuwait National Petroleum Company (KNPC)
30	Carlos Gutierrez	Worley
31	Chirs Van Der Beek	Becht
32	Dhanasekar Periyasamy	AspenTech
33	Dr. Basim Ahmed Abussaud	KFUPM
34	Dr. Hayat Abdulla Yousuf	University of Bahrain
35	Dr. Sajid Ali Yousuf Zai	ROI-ME
36	Dr.Mohammed Alotaibi	Kuwait Petroleum International (KPI)
37	Farah Shehab	Kuwait National Petroleum Company (KNPC)
38	Faraj Almarri	SASREF Refinery

PROGRAM COMMITTEE

No	Name	Company
39	Fatema AL-Maqbali	OQ
40	Gurminder Singh	Shell Catalyst & Technologies
41	Hadla S. AlFedaghi	Kuwait National Petroleum Company (KNPC)
42	Hamed Alazemi	Kuwait Integrated Petroleum Industries Company (KIPIC)
43	Harbeyah Saleh Alenzi	Kuwait National Petroleum Company (KNPC)
44	Husain Almesry	Kuwait Integrated Petroleum Industries Company (KIPIC)
45	Jad Abou Charbine	Axens
46	Jamilah Abdullah Ead Almutairi	Kuwait National Petroleum Company (KNPC)
47	Joseph Ibrahim	Axens
48	Juan Carlos Latasa	IDOM CONSULTING, ENGINEERING AND ARCHITECTURE
49	Mahdi Jawaheri	OQ8
50	Mahmood Al Khaziri	OQ8
51	Mahmood Dashti	Bapco Refining
52	Maktoum Al-Hamdi	OQ
53	MARIAM ALMESHAL	Kuwait National Petroleum Company (KNPC)
54	Marwan Alomari	SASREF
55	Mohamed Ahmed Almahdi	Bapco Refining
56	Mohammad Al-Ansari	Kuwait National Petroleum Company (KNPC)
57	Mohammad Saleh Al-Turaiji	Kuwait Petroleum International (KPI)
58	Mohammed Benchekchou	Topsoe A/S
59	Mohammed Mansoor	Bapco Refining
60	Muhammad Albuti	Kuwait Petroleum International (KPI)
61	Muhammad Ghilzai	Worley
62	Muneef Alshameeri	Bapco Refining
63	Nihar Gulwadi	Ingenero Inc (USA)
64	Raj Jhajharia	Becht
65	Saifuddin Sheikh	Aspen Technology
66	Sanad Alaamri	OQ8
67	Sarah Tahseen Jaber AbuTabikh	Kuwait National Petroleum Company (KNPC)
68	Sulaiman Almutairi	Kuwait National Petroleum Company (KNPC)
69	Thamer Alahmari	SASREF
70	Wael Shaban	Egyptian Refining Company
71	Waleed Al Maqbali	OQ
72	Yaqoub AlAli	Kuwait Integrated Petroleum Industries Company (KIPIC)
73	Yasmeen Hussain	Kuwait National Petroleum Company (KNPC)

YOUTH COMMITTEE

No	Name
1	Yusuf Mahmood
2	Abdulla Alhasan
3	Anas Hakami
4	Abdulaziz Al Sunbul
5	Ibtihal Alshaibani
6	Norah Almohanna
7	Yasmeen Al Sunbul
8	Sharifa Alamer
9	Basim Abussaud
10	Hashim AlHaji
11	Khalid Nadhem
12	Abdulrahman Alahmari
13	Abdullah Alomar
14	Fahad Aluraik
15	Salman Almahmood
16	Mohammed Almahasnah
17	Hissa AlMubarak
18	Turki Alotaibi
19	Maitha Albinali
20	Munther Kamal
21	Talal Bardooli
22	Raha Albuskitah
23	Nizar Alabbasi
24	Waleek M Al Obaid
25	Waleek M Al Obaid
26	Laura F Hakeem
27	Nora Almubarak
28	Amani Aldhurais
29	Assail Al-Zahrani
30	Amal Albakawi
31	Abdulkareem Aldoulah

ORGANIZER – CLASS PROVIA



Kamal Kallas
CEO



Ethar Alshami
Director of Business Development



Halimah Alzahrani
HR Specialist



Wesam Alagha
Project Manager



Doaa Alhomsi
Senior Procurement and Cost Control



Mohammed Hindash
Senior Project Coordinator



Wesam Qatash
Production Manager



Aaliyan Ansari
Sales Lead



Reema Almalki
Event Supervisor



Mohammed Hijazi
Project Coordinator



Mayar Talat Islami
Marketing coordinator



Nassim ElRassi
Sales Director



Abdul Faheem Mohammed
Sales Coordinator



Loay Hussien
Senior I.T Engineer



Alwaleed Khayyat
Senior IT Specialist



Tala Harb
Concept Creation Senior Specialist



Bayan Dawood
Project Coordinator



Latifa Almohammed
Production Specialist



Natal AlKhayat
Project Coordinator



Noura Ghaznawi
Sales Senior Specialist



Farah Kharouf
Senior Project Manager



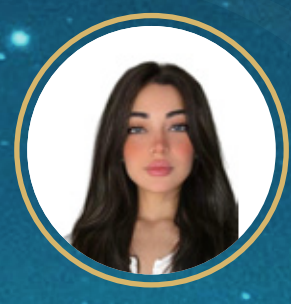
Samah Abdullah
Sales Senior Specialist



Samirah Alsamkari
Project Coordinator



Walaa Saber
Budget Control Specialist



Nora khawas
Administration Senior Specialist

CLOSING CEREMONY

The closing ceremony concluded with enthusiasm, optimism, and a strong sense of achievement. Mitib Al-Harbi wrapped up IDCE 2025 on a high note, celebrating a job well done and a team that truly shone. As we set our sights on IDCE 2027, Mitib encouraged all participants to keep the momentum going and the teamwork growing!



Mitib A. Al-Harbi
GDA IDCE Chairman
Fuels Business Management - VP,
Saudi Aramco





GDA IDCE Leadership









GDA
الاتحاد الخليجي للتكرير
Gulf Downstream Association

IDCE 2025
Innovating Energy, Creating Sustainable Value

GDA FOUNDERS & BOARD MEMBERS

The Founders extend their commitment to grow GDA to be a global Downstream network hub with Gulf identity. IDCE has been the reflection of this commitment.

aramco | Q8 | Bapco energies | المنيول الوطنية KNPC | أدنوك ADNOC | OQ



















GDA
الإتحاد الخليجي للتكرير
Gulf Downstream Association

IDCE 2025
Innovating Energy, Creating Sustainable Value

IDCE DEVELOPMENT PHASE

Founders and Executive Committee meetings in prepration for IDCE 2025

















FEEDBACK & SATISFACTION

Survey Results

4.2 / 5
Event Satisfaction

4.3 / 5
Content Quality

4.1 / 5
App Experience

3.5 / 5
Logistics / Venue

82 %
Return Intent

What Participants Loved

- **Technical Depth and Relevance**
- **High-Level Networking**
- **Strong Youth and Innovation Presence**

REFLECTION & FUTURE OUTLOOK

With 20,000+ participants, including 500+ VIPs and C-Level attendees, 362 speakers, and delegates from 59 countries, IDCE reaffirmed its status as a premier global platform for technical and strategic dialogue. With 137 sessions, 678 papers, and the support of 36 sponsors and 61 exhibitors, the event demonstrated our strong commitment to innovation, sustainability, and operational excellence. The GDA Board and IDCE Executive Committee played a vital role in this success.

Our theme, "Innovating Energy, Creating Sustainable Value", reflected the sector's move toward broader strategic and geopolitical discussions connecting refining, petrochemicals, customers, and ecosystems.

We thank Aramco for leading the organizing committee, and S&P Global Commodity Insights for enriching the program. Collaboration across the program and operations committees, founders, and the GDA team was exemplary. Support from Strategic Sponsors SABIC, Bapco Refining, and Diamond Sponsors KNPC, Q8, OQ, ADNOC, SATORP, S-OIL, ARABIAN FAL, and SASREF.



More than 1,000 Gulf students contributed fresh perspectives, helping bridge generations and strengthen future industry leadership. Industry leaders also highlighted both challenges and new opportunities for collaboration, an effort GDA continues to champion.

Our gratitude goes to the IDCE Chairman Mr. Mitib A. Al-Harbi, committees, founders, sponsors, exhibitors, and speakers, Class Provia as primary organizer with special thanks to the Bahrain Minister of Oil and Environment for presenting the Royal Patronage.

As we close this report, preparations for IDCE 2027 are underway, promising an even more impactful and collaborative edition.

Bassam Al-Bokhari
Secretary General, GDA
Chief Executive Officer, EnergyTech

GDA الاتحاد الخليجي للتكرير Gulf Downstream Association

IDCE 2025
Innovating Energy, Creating Sustainable Value

THANK YOU
To All of Our Sponsors

HOST SPONSOR
aramco

SUPPORTED BY
وزارة النفط والبيئة
Ministry of Oil and Environment

STRATEGIC SPONSORS
سابك sabic

Bapco energies

DIAMOND SPONSORS
مؤسسة البترول الكويتية Kuwait Petroleum Corporation and subsidiaries

OQ

S-OIL

فال العربية Arabian Fal

ساسرف SASREF

ساتورب satorp

أدنوك ADNOC

PLATINUM AUTO PARTNER
اتحاد للسيارات Al Haddad Motors

GOLD SPONSORS
ياسرف Yasref

Honeywell

obis

سامرف SamreF

Afton Chemical

Penthol

BHIG Blue Hydrogen Industrial Gases AIR PRODUCTS OUGRA

SILVER SPONSORS
荣盛石化 RONGSHENG PETROCHEMICAL

TOPSOE Making Energy Transition

Valvoline by aramco

Miahona مياهنا

Baker Hughes

worley

SIEMENS energy

MOBILE APP SPONSOR
بترورابغ Petro Rabigh

COFFEE BREAK SPONSORS
aspentech

Shell

GALA DINNER SPONSOR
لوبريف luberef

YOUTH PULSE SPONSOR
صدارة Sadara

معهد الطاقة EnergyTech

VIP LUNCH SPONSOR
فال العربية Arabian Fal

LUNCH SPONSORS
S-OIL

OQ

صدارة Sadara

GDA الاتحاد الخليجي للتكرير
Gulf Downstream Association

IDCE 2025
Innovating Energy, Creating Sustainable Value

THANK YOU
To All of Our Exhibitors

aramco | سابك sabic | Bapco energies | مؤسسة البترول الكويتية Kuwait Petroleum Corporation and subsidiaries | ساتورب satorp

OQ | S-OIL | فال العربية Arabian Fal | ساسرف SASREF | Baker Hughes

ياسرف Yasref | الحداد للسيارات Al Haddad Motors | Honeywell | abis Performance and Safety Excellence | Miahona مياهنا

سامرف Samref | Afton Chemical | Penthol | BHIG Blue Hydrogen Industrial Gases Air Products Qudra | صدارة Sadara

worley | RONGSHENG 荣盛石化 RONGSHENG PETROCHEMICAL | TOPSOE Making Energy Transition | Valvoline by aramco | بترورابغ Petro Rabigh

معهد الطاقة EnergyTech | SIEMENS energy | aspentech

GDA
الاتحاد الخليجي للتكرير
Gulf Downstream Association

IDCE 2025
Innovating Energy, Creating Sustainable Value

THANK YOU
To All of Our Exhibitors

KOCH ENGINEERED SOLUTIONS | BAFCO Reliability | Yanda | tosto GROUP

obis Performance and Safety Excellence | aggreko | VEOLIA | DAILY THERMETRICS | SULZER

Arensco شركة علوم البيئة العربية المحدودة Arabian Environmental Science Ltd Company | دولفين DOLPHIN GROUP مجموعة | NITI المعهد الوطني للتدريب الصناعي National Industrial Training Institute | TEJOURY تجوري

ITQAN INSTITUTE إتقان | DORF KETAL | إنماء للحديد Inma Steel | YOKOGAWA | DRESSER

كلدة Kalada | Power Energy together moving... | BAFCO Reliability | REDA Chemicals

al samamat Industrial Services Company LTD. | SAMAA SAMAA Technologies Co. Ltd شركة سما للتقنيات المحدودة | LUMMUS TECHNOLOGY | BASF We create chemistry | AIMS

ARTIFICIAL INTELLIGENCE GLOBAL شركة الذكاء الاصطناعي العالمية | ENGEMASA ARABIA

جامعة البحرين University of Bahrain | RV IS | PLANT DIGITAL بلانت ديجيتال | Advanced Control Company شركة التحكم المتقدمة التجارية LCC | A

GALLERY


IDCE 2025
INTERNATIONAL
aramco
VIP
The World's Downstream Hub Innovation Starts Here
VISIT US DURING
30 September - 2 October 2025
09:00 am - 05:00 pm
CLASS PRO


aramco
Integrated Oil Flow
Optimizing Our Operations
Dow
aramco
Inspiring Next Ge
Global Sports
FIFA
Optimizing Our Operations
abis


SABIC INNOVATIVE SOLUTIONS


bapco energies


OQ






Inspiring Next Generation
S-OIL


SASREF
aramco
OQ


Expanding Excellence


سامرف
Samref








Penthol


EXHIBITION 2025
IDCE 2025


Thank You To
TAKWEEN
TOPSOE




مؤسسة البترول الكويتية
Kuwait Petroleum Corporation
and subsidiaries


IDCE 2025




BASSAM A. AL BOKHARI
SECRETARY GENERAL, ODA
CEO, EnergyTech






IDCE 2025






aramco
aramco
cognizant
cognizant


IDCE 2025
WELCOME TO THE
INTERNATIONAL DOWNSTREAM
CONFERENCE & EXHIBITION 2025


Sponsors & Exhibitors
Delegates






BHIG





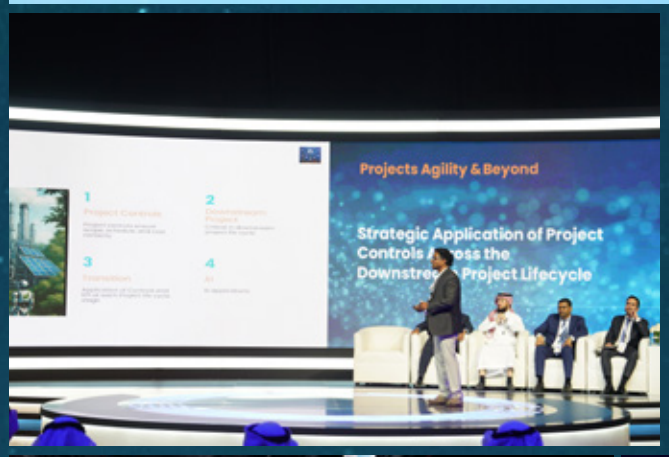



MAYBACH




CLASS PRO
CLASS PRO




Projects Agility & Beyond
Strategic Application of Project
Project Lifecycle






IDCE 2025
Innovating Energy, Creating Sustainable Value




IDCE 2025
Delegates


IDCE 2025




BUILDING WITH PURPOSE






BHIG






Penthol


PLANT DIGITAL
بلانت ديجيتال




TOPSOE
Making Energy Transition


Hybrid Multi-Model AI Approach
Coupled with Process Intelligence to
Improve Gas Cracker Furnace
Performance




Delegates
IDCE 2025
VIP


IDCE 2025


OQ




REGISTRATION DESK
OQ
Sponsors & Exhibitors
Delegates
IDCE 2025
VIP

GDA
الإتحاد الخليجي للتكرير
Gulf Downstream Association

IDCE 2025
Innovating Energy, Creating Sustainable Value



THANKS TO ALL MEMBERS

IDCE 2025
would not be successful without the team spirit.

Passionately looking forward to working with you soon for
IDCE 2027

APPENDIX

GDA
الإتحاد الخليجي للتكرير
Gulf Downstream Association

IDCE 2025
Innovating Energy, Creating Sustainable Value

TECHNICAL INFORMATION CORNER

IDCE reaffirmed its distinctive edge through cutting-edge technology, high-quality technical papers, and a strong commitment to knowledge sharing.



Vallinayagam Raman
Aramco
Spray Characterization of Marine Dual Fuel Injector for Low Carbon Marine Fuels.

Liang Jing
Aramco
A time-series study of global crude oil refining emissions and reductions potential.

Abdulrahim Bukhari
Aramco
YNGLFD Operational Strategy Shift for a Greener Future.

Ali Ahmed Mohamed Abdulla Al Ali
PETROFAC
Enhancing Organizational Culture for Safety and High Reliability.

Suresh Kumar Nellore
Chevron Lummus Global
Hybrid Modeling approach to improve Hydrocracker Reactor Performance.

Thibault Villete & Layla Alfadel
Aramco
Enhancing Reliability of RTR Pipeline Connections through Thermoplastic Welding.

Jae Hyung Park & Jongho Park
S-Oil
S-imoms : PSORMS (Process Safety & Operational Risk Management Solution) & IOTEM (Integrated Operation and Task Execution Management).

Ahmed Bardooli
Topsoe A/S
Conventional and Renewable Feedstocks processing in Hydrocrackers.

Husain Al Naji
Aramco
Steering Electrochemical CO2 Reduction toward liquid fuels and chemicals.

Almutasim Alwagdani
Petro Rabigh
NMR Relaxometry: Revolutionizing Polymer Testing.

Musaed Al Gharmi
Aramco
Maximizing the light olefin production by co-feeding of light hydrocarbon with heavy fraction (VGO) in the steam catalytic cracking system.

Muhammad Alahmadi
YASREF
Energy Conservation through Insulation Type Upgrade.

TECHNICAL INFORMATION CORNER

Mahmood Al Mahrouqi
OQ
Packinox Decoking.

Marc Elia & Alexandre Javidi
Axens
Maximize SAF production with existing assets : Axens' portfolio of solutions from HVO to Alcohol feedstocks.

Fahad AL-Ajmi & Mohammad Alhasawi
KNPC
Trouble Shooting of Amine System in Hydrogen Sulfide Removal Unit of Clean Fuel Project in KNPC-MAA Refinery to avoid frequent unit shutdown.

Ahmed Mohammed Alsuwaidi
ADNOC Refining
Acetone from Contamination to value addition product Plastics.

Naiyl Rashid
Honeywell UOP
Enabling 'Future-Ready' Aromatics Complex with UOP Technologies.

Carlos Preciso
Sadara Chemical Company
Can we kill flare smoking while reducing steam consumption? Yes!

Talal Aldugman & Mengmeng Cui
KAUST
Characterization of Counter-current Downer Hydrodynamics and Clustering Phenomena in Different Reactor Zones.

Rafat Alsrouji & Zimit Zakkar
Aramco Base Oil Company & Gulf Bio analytical group
New technology innovation in PNA (Paraffin, Naphthenic, Aromatic)measurement.

Xinglong Dong
Aramco
Highly Active Heterogeneous Catalyst for Ethylene Dimerization Prepared by Selectively Doping Ni on the Surface of a Zeolitic Imidazolate Framework.

Vera Patrcia Silva Castro
Aramco
Accelerating catalyst discovery through high-throughput experimentation integrated with advanced modelling: Transalkylation as a case-study.

Ashwin Ravi Sankar
SABIC
High Performance membrane process for chemical dehydration enabling intensive decarbonization.

Raj Jhajharia
Becht
Decarbonizing Petroleum: Global Strategies, IOC Actions, and the Middle East Advantage in Reducing CO Emissions.

Ayman Salamah
Honewell UOP
Advancing Post-Combustion Carbon Capture: Innovative Solutions for a Sustainable Future.

Maria Rivas
Aramco
Disruptive Techniques for the Development of Advanced Materials: Enabling Sustainable solutions for Decarbonization and the Energy Transition.

Hasan Rafiey
Bapco Refining
Optimising Maintenance Workflow and Management System With Oil & Gas Industry.

Bladimir Gomez
Bapco Refining
Failure Begins with Behavior: Redefining Assets Reliability in the Downstream Industry.

Bader A Jamal & Nayef Almutairi
KNPC
AI-Driven Wastewater Treatment Optimization for Sustainable Refinery Operations: A Case Study at KNPC – Mina Abdullah Refinery.

Abdullah Aljarrah
KNPC
Digital Refinery – Transforming Operations with Innovative Digital Operator Rounds and Checklists at KNPC.

TECHNICAL INFORMATION CORNER

Alpesh Gurjar & Wafa Alalqam
BAPCO Refining
While Modernizing, Don't Forget the Old Units - A Success Story of Bapco Refining's Catalytic Reforming Unit.

Fahad Alqahtani
KNPC
Integrating gap analysis with process optimization: A case study from KNPCMAA ARD U-141.

Salah Alhajri
KNPC
Smart Adaptive Wash Water Injection System for Hydrotreaters - Optimizing Water Management Through Real-Time Monitoring and Control.

Bashayer Alazmi
KNPC
Overcoming Challenges to Meet New ATK Specifications at KNPC.

Chaeung Im
Petro Rabigh
Ethane Cracker Furnace Coil Life Extension.

Mohammed Sindi & Xiangyang Zhu
Aramco
Microbiological and Compositional Analyses of Samples from Diesel Pipeline.

Balqees Al Hattali
OQ
WWTP Sludge Processing in DCU.

Mubarak Alsuti
OQ
OQRPI Catalyst Change with less Pt content.

Ali Altayeb
Aramco
Advanced Process Solutions Driving Value Chain Optimization in Refinery Operation.

Reem Ahmad
KNPC
Sustainable Aviation Fuel (SAF).

Nooruddin Ahmed
Certero Business Corporation
K12 Incubator.

Mahdi Jawaher
Aramco
3 Refinery Start-Up and 110% Ramp-Up.

Salima Ali
OQ
C4SHU (Selective Hydrogenation Unit) Butene-1 Yields Improvement.

S.M. Zakir Hossain
University of Bahrain
Hydrogen Production via Catalytic Gasification of Microalgae Biomass using Machine Learning Based Multi-Input-Multi-Output Modeling (MIMO).

Laila Al Balushi
OQ
Refinery Supply Chain Optimization with Scheduling Model (APS).

Halda Alfadagee
KIPIC
Digital Dexterity: Building Capabilities in the Era of AI.

Faisal Almashharawi
AI Global Company
Real-Time Visualization of IIoT Data Using AR.

Sayed Sadiq Kadhem
Bapco Refining
Developing Competency-Based Training for Safe and Efficient Commissioning and Startup of Process Units in Bahrain Modernization Program.

TECHNICAL PRESENTATIONS

Juan Carlos Latasa
DOM Rep
State of the Art Tools for HSSE Improvement and Optimization

Ghulam Abbas
Aramco
Enhancing HAZOP Effectiveness: A Comprehensive Approach to Best Practices.

Munyah AlHamdani
OQ
AI-Driven Energy Intensity Index (EII) Prediction Model for Operational Efficiency.

Mohamed Salaheldin
Sidpec
Strategic Pathway to a Digitalized Energy Management System.

Jehad Maimani
Petro Rabigh
Tier 3 Minor LOPC Investigation Tool and Dashboard.

Mohamed Ahmed Almahdi
BAPCO Refining
Projects Agility & Beyond

Balagandahar Kanumilli & Fatima Janahi
Bapco Refining
Integration of Bapco Refinery Hydrogen Network - The Key Refinery Enabler.

Mohannad Alismail
Aramco
Optimizing Tie-In Execution in Refinery Projects: A Quality -Driven Approach to Shutdowns and System Integration.

Rakesh Budithi & Salman Manea
Bapco
Successful Startup of ULSD Hydrotreater (3HDU) - Key Success Factors.

Chad Subhashchandra Itagi
Aramco
Strategic Application of Project Controls Across the Downstream Project Lifecycle.

Muhammad Albuti
Kuwait Petroleum International
Safety, Reliability and Energy Efficiency Creating Optimal Symbioses.

Benn Heatley
AFTON Chemical
Advancing Sustainable Energy Solutions: Afton Chemical›s Integrated Strategies for Efficiency and Environmental Stewardship.

Haya Althawadi
Bapco Refining
Efficient Leak Detection for Cleaner Operations: Enhancing LDAR with IIR and Acoustic Technologies.

Yaser Alhamad
KIPIC
Safety and Reliability Symbioses, Why a Safe Plant must be a Reliable One.

Mohammed Bani Orada
OQ
SHydrogen Operation Philosophy at Sohar Complex Project.

Juan Carlos Latasa
IDOM Rep
Energy and Safety Excellence with Digital Tools.

Rafat Rob
Aramco
Toward Net-Zero. AI-Enabled Virtual Power Plant for Flexible Power Generation Decarbonatization using Load Shaping Strategies to Zero Carbon Emissions.

Ibrahim AlTasan
SAMREF
Digitalizing Safety: How Digitalization Incident Management and Near-Miss Reporting in the Refinery

TECHNICAL PRESENTATIONS

Vishal Karate
Sadara Chemical Company
Complete Stoppage of Ethylene (C2) Boil Off Gas flaring.

Yaqoub AlAli
KIPIC
Driving Energy & Operational Excellence at Al-Zour Refinery.

Ali Alshehhi
ADNOC Group
Innovative Approaches to Energy Optimization and Sustainability.

Chris Van Der Beek
Aramco
Driving Operational Excellence through Practical Energy Optimization in Refineries and Petrochemical Plants.

Munyah AlHamdani
OQ
Innovative Practical Approach in Developing ADNOC Refining Energy Efficiency Improvement Roadmap.

Mohamed Salaheldin
Sidpec
SAMREF Energy Initiatives - Heading Towards Decarbonization

Jehad Maimani
Petro Rabigh
Energy and Environmental Conservation by SRU TGTU Amine Optimization.

Ankush Dehankar
Topsoe A/S
Catalysts, Configurations, and Conversion Pathway in Crude -to Chemicals.

Jose Ignacio Bielsa Velasco
KAUST
Adjusting Solid Circulation and Fluid Dynamics in a Multi-Zone Fluidized Bed Reactor for Crude -to-Chemicals Applications.

Mazin Tamimi
Aramco
TC2C™ - More Carbon-Effective Conversion of Crude Oil into Chemicals.

Hernando Salgado
BASF Refining Catalyssts
Catalyzing Crude to Chemical Conversion: The Role of Configuration, Operation, and Catalyst in the FCC Fueling Chemicals Production.

Juan Colom & Jorge Gascon
KAUST
One-step crude to chemicals refining technology: from catalyst design to pilotplant operation.

Antonio Scatigno
Aramco
Innovation and Technology Drive in Decarbonization and Energy Transition.

Saleh Alkarri
SABIC
Enabling the Energy Transition: SABIC's Differentiated Polymer Solutions for Lightweight, Circular Solar Panel Applications.

Fahad Alotaibi
KPI
Advanced Machine Learning and CFD Modeling for Multi-Objective Genetic Algorithm Optimization of Dry Methane Reforming Toward Scalable Blue Hydrogen.

Rohit Agrawal
Honeywell UOP
Innovative Pathways In (R)FCC: Maximizing Olefins and Decarbonization.

Zainab Yaqub
Topsoe
Unlocking technology pathways for sustainable aviation fuel (SAF) production in MENA region.

Ahmed Abdullah
Heavy Oil Complex
Innovations in Low-Carbon Conversion: Hydrogen, Olefins, and Electrified Pathways.

TECHNICAL PRESENTATIONS

Sreekanth Pannala
SABIC
Novel Annular Jet Reactor for Direct Conversion of Crude and Complex Hydrocarbon Liquids to Olefins and Aromatics with Pathway to Carbon Neutrality.

Moonho Kim
Aramco
A comprehensive outlook and techno-economic analysis of novel blue hydrogen technologies and life-cycle assessment of emissions across hydrogen value chains.

Aadesh Harale & Lars Martiny
Aramco& Topsoe A/S
Electrified Synthesis Gas Generation for Production of Low Carbon Hydrogen and Sustainable Fuels.

Fahad Almashb
SABIC
Demonstration of STARBRIDGE™ Electrified Cracking Technology at Industrially Relevant Scale.

Abdulaziz Khajah
KNPC
Hydrotreating Optimization & Catalyst Innovative Techniques.

Hamed Alazemi
KIPC
Upgrading Hydrotreating Feed Filtration at Kuwait's First Heavy Crude Refinery – KIPIC Al-Zour Refinery.

Duilio Casertano Di Salvo & Zaki AlMadhari
Topsoe A/S & Aramco
Maximizing refinery margins with Diesel Iso-dewaxing -SATORP Case study.

Ahmed Alahmadi
YASREF
Dewaxing Catalyst Unlock Higher Capacity of YASREF DHT.

Khaled AlRabeea
KNPC
Innovative Filtration System for Improving ARDS Catalyst Wet Unloading Methods & Reclaim Precious Metals from Wastewater.

Haribiya Al Enezi
KNPC
Sustainable Refinery Practice: Renewable Products & SRU New Technologies.

Sanjib Das Sharma
Aramco
Co-processing of Bio-oil in Hydrotreaters to produce Sustainable Aviation Fuel and Renewable Diesel.

Joris van der list
Q8Oils
Driving Sustainability with Lubricants: Minimizing Footprint, Maximizing Handprint.

Remi Rached
Axens
Vegan® and 700 Series: The Ultimate HEFA Solution.

Khalid Ghazal
SAMREF
The Deployment of New Technologies and Initiatives in Samref's SRU.

Dhanasekar Periyasamy
Aspen Technology
Decarbonization by Compact Carbon Capture, Bio-feed Technical Hall Coprocessing & Energy Efficiency.

Rami Bamagain
Aramco
Design improvements in Stationary Carbon Capture ensuing reduced plant footprint, CAPEX and OPEX.

Anupam Verma & Manar Al Busaidi
OQ
Decarbonization Strategy.

Pastor Manrique
BASF Refining Catalysts
Operational and Catalytic Strategies for Coprocessing Renewable Feeds in FCC.

TECHNICAL PRESENTATIONS

Suhail Alsayed
YASREF
DHT Stripper Reboiler APH Plates Glass Coating.

Barinder Ghai
EMEA
Operational Excellence and Innovation: Workforce, Reliability, and Circular Economy.

Bader Almutairi
SASREF
Future Contractor workforce Management Solution.

Ahmad AlAnsari
KPI
Circular Economy in Refining & Petrochemicals.

Mukeshkumar Patel & Maryam Alghadeer
SAMREF
Grey Burn: Hour in House CCR Modification Avoided A Major Unit Shutdown.

Mohammad Rakib
Aramco
CFD Study for Enhancing Reliability of an Industrial Hydrogen Generation Unit.

Carlos Gutierrez
Worley
Innovations in CO_2 Conversion and Carbon Management.

Hasan Imran
Aramco
De-Risking Carbon Management (CCUS) Thru Digitalization: Evaluating Optimal CCUS Pathways.

Jean Marcel Roberto Gallo & Jorge Gascon
KUST
Indium-Based Catalysts for CO2 Conversion to Methanol or CO.

Eduardo Ariza
Axens
CO_2 Capture in the Downstream Sector: Axens' Full-Chain CCUS Approach.

Musaed Aljameel
SABIC
SABIC Initiative: CO2 Utilization for Environmental Innovation: From Waste Stream to Valuable Solutions.

Bassam AL-Shammari
KNPC
Digital Transformation and Advanced Technologies for Sustainable Refining.

Naser Alnaser
KNPC
Quantum Computing in Refineries: Advancing Sustainability, Security, and Operational Efficiency Through CCR and ISOM Process Optimization.

Ravishankar S
Alethe Labs India
Advanced Process Automation & New Age Technologies for Efficient Gas Operations and Loss Reduction.

Manar Abdulla
BAPCO
Bapco Refining (BR) OT digitalization journey and the deployment of AVM for enhanced operational visibility.

Hussain Ali Mohamed
BAPCO
Optimizing Refinery Operations with Wireless Technology: Pressure Monitoring for Enhanced Operational Safety.

Bassam AL-Shammari
KNPC
Digital Intelligence for Refining Process and Supply Chain.

Galipelli Firish Laxminarayan
AIGC Global India
Hybrid Multi-Model AI Approach Coupled with Process Intelligence to Improve Gas Cracker Furnace Performance.

TECHNICAL PRESENTATIONS

ANWAAR ALNOWH & AMAL AL-FADHLI
KNPC
KNPC Blockchain Platform, The Digitization of the Shipment Nomination Process.

Yoonsu Seok
S-Oil
Single Integrated Reliability & Integrity Management Platform - Lifecycle Reliability & Integrity Solution.

Muhammad Farrukh Amin & Fatema Al-Qubaiti
BAPO Energies
Enabling A Data-Centric Refinery Through Digital Twin Technology.

Bader Al Harbi
KNPC
Innovative Inspection and Monitoring Technologies in Refining Operations.

Amro Ahmed
SASREF
Refinery Stack Inspections and hazardous confined space: The Role of Drone Technology in Enhancing Safety, Efficiency, and Cost-effectiveness.

Lujan Almuhaish
Aramco
Molecular Modeling of Impurity Effects in Supercritical CO2 Environments.

Ebrahim Burashed
BAPCO Refining
Heat exchangers inspection and maintenance repairs best practices by using latest new technology power tools.

Saidkhodzha Nematulloev
Aramco
AI-driven Shortwave Infrared (SWIR) camera for free water detection in condensate and Natural Gas Liquid (NGL).

Bassam AL-Shammari
KNPC
Enabling the Future of Downstream through digital Technologies.

Eid Alharbi
Aramco Digital
Enabling AI-Driven Digital Transformation for Downstream Operations with Aramco Digital' 450 MHz Network.

Khalid Al Sulaitni
OQ
Integrated Management System (MARSAD).

Fatemah Mohammad
KNPC
Introduction of AI to predict SOx emission in Acid Gas Removal Plant of MAA Refinery.

Hamad Saeed
ADNOC Refining
MeeraGPT: The Engineering Standards Chatbot.

Mohammad Saleh Al-Turaiji
Kuwait Petroleum International
Advanced Materials and Repair for Refinery Equipment.

Mohammed Abdul Basith
Petro Rabigh
High Temperature Hydrogen Attack (HTHA) Evaluation and Assessment - a Case Study.

Mohammad Alkhzam
KNPC
Failure Analysis and Mitigation of Premature Tube Leaks in Sour Water Treatment Systems: A Case Study from Mina Al-Ahmadi Refinery.

Muhammad Safwan Atan & Rajeshkumar Patel
Pengerang Refining Company
RFCC Regenerated Catalyst Slide Valve Hotspot Assessment and Mitigation.

Moza Alhosani
ADNOC Refining
Design Vulnerability mitigation through structured Corrosion and Damage Mechanism assessment in Refinery process equipment – A Case Study.

TECHNICAL PRESENTATIONS

Mohammad Saleh Al-Turaiji
Kuwait Petroleum International
Case Studies in Corrosion, Damage Mechanisms, and Reliability Challenges.

Mohammed Abdul Basith
Petro Rabigh
High Temperature Hydrogen Attack (HTHA) Evaluation and Assessment - a Case Study.

Mohammad Alkhzam
KNPC
Failure Analysis and Mitigation of Premature Tube Leaks in Sour Water Treatment Systems: A Case Study from Mina Al-Ahmadi Refinery.

Muhammad Safwan Atan & Rajeshkumar Patel
Pengerang Refining Company
RFCC Regenerated Catalyst Slide Valve Hotspot Assessment and Mitigation.

Moza Alhosani
ADNOC Refining
Design Vulnerability mitigation through structured Corrosion and Damage Mechanism assessment in Refinery process equipment – A Case Study.

Mariam Almeshal
KNPC
Reliability, Materials, and Performance Optimization in Refining Operations.

Ahmad Albasri
KIPIC
Enhancing Refinery Performance Through Reliability, Availability, and Maintainability (RAM) Modeling: A Cost-Effective Approach for Change Proposals.

Soon Won Moon
Aramco
Nonmetallic Pipes in Demanding Environments: Wear Mechanisms, Material Evaluation, and Successful Applications.

Soon Won Moon
SABIC
Assessment of Surge Protection System on an Ethylene Refrigeration Compressor.

Bader Awadh
BAPCO
Standardized Timing Allocations for Relief Valve Overhauls: Comparing One-Piece Flow and Production Line Methods.

Juan Carlos Latasa
GDA
Sustainable Mobility.

Fatemah Sadeq
KNPC
Lubricants For a Greener Future Re-Fined Base Oils Compete With Virgin Base Oils in Quaiity and Sustainability.

Stephane Morin & Sara AlkhooriA
ADNOC Refining
SAF production through co-processing: A Chemical Perspective.

Moothy Alelaiwy, Hamad Balhareth, & Salahdine El Idrissi
Aramco
Conversion of Low-value Oil Streams to High-value EV Battery Materials.

Sven Dochez
Kuwait Petroleum Belgium
Powering Two Futures: The Bold Strategy of Building Dedicated EV Hubs While Maximizing Traditional Fuel Leadership.

Chris Van der Beek
Reliability, Materials, and Performance Optimization in Refining Operations.

Naser Sagr
Aramco Base Oil Company
HCU and IDW units yield optimization.

Taqi Abdulla
BAPCO Refining
Beyond Design: A Structured Approach to Maximizing LBOU Throughout.

TECHNICAL PRESENTATIONS

Afroz Diwan
YASREF
Unlocking Value through Synergies - Transformation and Downstream Innovation.

Mohammad AlAnsari
KNPC
In-House Development of an Automated System for Quality Giveaway Cost Calculations: Enhancing Efficiency and Performance at KNPC Refineries.

Dr. Hayat Abdulla Yusuf
Developing Workforce for Tomorrow.

Sameera Baba
BAPCO Energies
Empowering the Energy Sector: Building a Coaching Culture to Drive Performance and Transformation.

Haithem Albalawi & Bedour Alqahtani
Aramco
Leading Yourself First: Building a Culture of Productivity through Employee SelfAccountability.

Tareq Al-Rifaai
KPI
Navigating the Future: Workforce Transformation in the Gulf Downstream Sector through Digitalization, Sustainability, and Value Creation.

Mariam Al Mansoori
ADNOC Refining
Retention of Critical Knowledge (ROCK) System.

Chris Van der Beek
Advanced technology solutions in the supply chain.

Naser Sagr
Aramco Base Oil Company
Unlocking Value - Digitalization Opportunities in Delayed Coking.

Taqi Abdulla
BAPCO Refining
AI based Integrated Scheduling with Operations insights to transform landscape of Supply Chain Management.

Afroz Diwan
YASREF
Fueling Profitability: S-OIL's Procurement Transformative Journey with AI.

Mohammad AlAnsari
KNPC
Towards New Paradigms of Customer Centricity: from Service Station to Service Platform. The Experience of Kuwait Petroleum International.

THANK YOU

GDA
الإتحاد الخليجي للتكرير
Gulf Downstream Association

IDCE 2025
Innovating Energy, Creating Sustainable Value

CONTACT US

+97317116000 info@gda.org.bh