



3-6 November 2025, Abu Dhabi, UAE Energy. Intelligence. Impact.

TECHNICAL CONFERENCE

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Technical Conference organised by ADIPEC brought to you by









The ADIPEC Technical Conference brings together leading experts from across the energy value chain, providing the world's leading platform to exchange transformative ideas, cutting-edge AI tools and practical solutions in engineering and operational excellence.

Haitham Al Jenaibi EVP Field Development ADNOC Upstream ADIPEC 2025 Technical Programme Chair



SPE TECHNICAL CONFERENCE

CO2 Storage and Utilisations: Advancements and Game Changers Enablers

Tuesday, 5 November 2024 | 1130-1300 hours

Speakers



Ghaithan A. Al-Muntasheri Director EXPEC Advanced Research Center Saudi Aramco



Abdullah Al-Mutairi Manager Production & Projects (Gas) **Kuwait Oil Company**



Damian Beauchamp President & Chief Development Officer 8 Rivers



Alberto Di Lullo Senior Global Knowledge Owner - Facilities Engineering Eni S.p.A.



Amir Hermes New Energy Business Development Manager SLB



WELCOME ADDRESS FROM THE TECHNICAL CONFERENCE PROGRAMME CHAIRMAN

It is with immense pride that I introduce the ADIPEC 2025 Technical Conference – a cornerstone of the world's most influential energy event. This year, we received a record 6,283 technical submissions from 1,137 companies across 93 countries – a remarkable increase on last year, cementing our position as the world's largest technical gathering of its kind. This achievement underscores the impressive technical development continuing across the energy industry, as well as ADIPEC's role as a trusted global forum for energy intelligence, where innovation meets industry to accelerate progress at scale.

The scale and breadth of this year's submissions reflect the dual imperative at the heart of ADIPEC 2025 – strengthening today's energy systems while scaling the solutions for tomorrow. The leading number of submissions in the AI, Digital and Technology and Operational Excellence categories highlights the sector's sharp focus on intelligent integration, performance acceleration and data-driven decision-making.

Organised by SPE, the ADIPEC Technical Conference features 166 sessions across 10 categories. It reflects the deep commitment of our community to develop pragmatic innovations that enable lower-carbon operations, secure supply and system-wide efficiency. Notably, submissions span every region of the world – with rising contributions from Asia Pacific, North America and Africa – reinforcing ADIPEC's position as a truly inclusive global stage.

I extend my sincere thanks to all contributors for their dedication and forward-thinking ideas. Your work makes this conference an essential part of ADIPEC and a powerful enabler of progress across our industry.

We look forward to welcoming you to Abu Dhabi from 3-6 November. Together, we will explore how energy and intelligence converge to shape a more secure, sustainable and inclusive energy future.

Haitham Al Jenaibi EVP Field Development ADNOC Upstream ADIPEC 2025 Technical Programme Chair



Join leading technical experts from across the global energy value chain at the Technical Conference www.adipec.com/delreg



TECHNICAL CONFERENCE OVERVIEW

The ADIPEC 2025 Technical Conference convenes the brightest technical minds, innovators and pioneers from across the global energy value chain to turn dialogue into delivery through practical innovation and technical expertise. This platform unites changemakers who are implementing solutions today to strengthen resilience and accelerate the transformation of global energy systems.

Organised by SPE, the conference will feature 166 expert-led sessions spanning vital disciplines. From the acceleration of Al and digital technologies to advances in operational excellence and sustainable practices, the programme reflects the urgency of scaling solutions that strengthen resilience and deliver measurable impact and drive global progress.

As the pace of change intensifies, the ADIPEC Technical Conference offers a unique opportunity to engage with the forces reshaping the sector – from the rise of artificial intelligence and the emergence of new economic powerhouses to the imperative of building secure and inclusive energy systems.

Join the global community in Abu Dhabi this November to share insights, forge connections and help shape the future of energy.

Technical Conference in numbers

6,283

Abstract submissions

660+

Technical presentations

166

Technical sessions

1,137

Submitting companies

700+

ePoster presentations

93

Submitting countries



TECHNICAL CONFERENCE CATEGORIES

As an energy expert, you will have the opportunity to hear 1,100+ speakers address the industry's most topical issues and share the technological advances shaping tomorrow's energy system.



Ai, Digital, and Technology



Marine Operations and Logistics



Drilling and Completions



Unconventional Resources Development



Exploration and Geoscience



People Development and Diversity



Field Development



Operational Excellence



Health, Safety, and Environment



Energy Transformation and Sustainable Solutions

Join the conversation driving innovation across the energy value chain adipec.com/conferences/adipec-delegate-registration

WHY ATTEND THE 2025 **TECHNICAL CONFERENCE**



Gain practical insights that elevate performance

Gain access to in-depth technical knowledge across 166 sessions led by world-renowned experts, offering insight into the tools, technologies and practices shaping upstream and midstream performance.



Discover the technologies reshaping energy

Explore the latest breakthroughs in Al, digitalisation, emissions control, and infrastructure optimisation - and learn how these are being applied to solve industry-wide challenges.



Learn from real-world case studies

Get inspired by real-world success stories and proven strategies that demonstrate how industry leaders are driving innovation and delivering measurable outcomes.



Expand your global network

Engage with energy professionals, engineers, and technology leaders - fostering collaboration and peer-to-peer learning on a global scale.



Equip yourself for smarter, sustainable operations

Understand how to balance operational demands with sustainability goals. Learn how to embed resilience, reduce carbon intensity and improve system efficiency at scale.



Lead the future of upstream and midstream energy

Position yourself and your organisation at the forefront of the global transformation. Join a global dialogue focused on delivering secure, sustainable and scalable energy solutions.

Be part of the global technical community shaping tomorrow's energy systems www.adipec.com/conferences/adipec-delegate-registration

4-DAY TECHNICAL PASS

US\$1,840

Gain access to 4 days of Technical Conferences

Pass includes:

- Technical Conference (organised by SPE)
- Downstream Technical Conference
- ✓ Delegate lunches
- Access to exhibition halls
- Access to technical papers post event

SPE Members Technical Conference Pass

Rates are available for SPE Members.
Please contact **delegate@adipec.com** for further details

You can purchase up to five conference passes through the online form, for support in purchasing more than five passes please contact delegate@adipec.com.

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UNMATCHED ACCESS TO THE GLOBAL ENERGY ECOSYSTEM

ADIPEC convenes over 16,500 conference delegates and 1,800 expert speakers from across the global energy value chain. It is a platform shaped by collaboration and designed to accelerate practical solutions that address today's most complex energy challenges.

From strategic policy to cutting-edge technology and investment, ADIPEC offers a unique environment where global leaders and innovators converge to exchange knowledge, form partnerships and shape the future of energy systems.

Who will you meet



Industry leaders and decision-makers



Engineering and technical experts



Al, digital and sustainability innovators



Business and investment professionals



Supply chain and procurement specialists



Academia & young leaders

Delegates by region

Middle East

14% Americas

DAY 1

MONDAY, 3 NOVEMBER 2025

TECHNICAL PANEL SESSION 1

14:00 - 15:30 Location: Conference Hall A

Influencing the Economics of Future Oil Production: Water Management and Brown Field Value **Maximisation**

This session will explore the challenges that arise in mid to late field life due to increase in produced water and potential opportunities to maximise the value and extend field life in most optimal aspects. Special focus will be on new technologies and the role of digitalisation and Al applications at various implementation phases allowing for effective water management and proactive mitigation approaches.

Topics of discussion will include produced water handling at surface and subsurface levels, produced water re-injection opportunity and challenges, artificial lift optimisation, metering and allocation, surveillance in producers and water injectors, flow assurance issues raised due to increase in water production, well completion technology, and chemical and physical water shut-offs.

Session Panelists:



SVP Subsurface hn



Dr Chenji Wei Deputy director CNPC Development Plan Center



Salah Al Ali Senior Vice President Asset Managementoffshore ADNOC



Dr Mubarak Al Hajeri Assistant Professor Public Authority for Applied Education and Training (PAAET)



Senior Vice President Production Solutions Baker Hughes

Moderator:



Christopher Limond Senior Geologist hn

Book your delegate pass today

09:30 – 11:00 Location: Conference Hall A

Challenges of Monetising Unconventional Resources

Challenges we face in monetising unconventional oil and gas resources, particularly in regions like the Middle East, are many. These obstacles are critical to address if we aim for sustainable and economically viable development. Firstly, the high extraction costs associated with these resources cannot be overlooked. Techniques such as hydraulic fracturing, which require substantial volumes of water, pose significant issues in arid areas where water scarcity is a constant concern. This environmental impact is a major factor that needs careful consideration and innovative solutions.

Moreover, the absence of necessary infrastructure can render the exploitation of these resources unprofitable. Without the proper facilities and logistical support, the economic feasibility of these projects is greatly diminished. To tackle these challenges, technological innovation is imperative. Developing new methods that reduce costs and mitigate environmental impacts will be key. Additionally, establishing robust regulatory frameworks will help guide the industry towards more sustainable practices. Strategic planning is also essential to ensure that all aspects, from extraction to infrastructure development, are aligned towards a common goal.

Session Panelists:



WEI Yunsheng
Vice President, CNPC
Research Institute of
Petroleum Exploration
and Development (RIPED)
CNPC



Dayle Heatley Head, Technical and Operations PETRONAS Abu Dhabi



Eric Dyke Vice President and General Manager EOG Resources - Gulf



Kjetil Jansen Chief Development Officer Caturus Energy



Tarik Itibrout Vice President Fracturing & Completion ADNOC

Moderator:



Fahad Mustafa Al Hosani Manager, Unconventional Development ADNOC

TECHNICAL PANEL SESSION 3

11:30 – 13:00 Location: Conference Hall A

Innovative Work Models: Young Professionals in the Era of Al Advancements

This session explores how Al-driven innovation is reshaping technical disciplines, transforming career development, and revolutionising work models for young professionals. Panelists will discuss cutting-edge Al advancements, strategies for skills development, and the evolving expectations in technical fields.

The conversation will highlight how professionals can leverage AI to enhance productivity, adaptability, and career growth. Industry experts will provide insights into optimising training programs, integrating AI into workflows, and fostering a future-ready workforce. This interactive discussion will empower attendees with practical approaches to capitalise on AI-driven opportunities, ensuring they stay ahead in an increasingly automated world.

Session Panelists:



Ahmed Al Mheiri Senior Vice President Group HC Shared Services ADNOC



Radhika Punshi Managing Director and Partner Mercer Talent Enterprise



Ali Abu Haliqa Executive Director of Human Capital and Deputy Chief Corporate Support Officer Mubadala Energy



Sujit Kumar Global Director Digital Production and Edge SLB



Andrea Bautista President Unixporter

Moderator:



Zainab Al Kindi Manager of the Innovation Factori in Abu Dhabi SLB



14:00 – 15:30 Location: Conference Hall A

Unlocking Challenging Fields: Economic Viability for Sustainable Growth

The future of the oil and gas industry has many opportunities where experience and knowledge can make the difference for commercial success. In many areas of the world, discoveries have been made, but on further studies these prospects are discarded due to either subsurface, political, environmental, or economic issues that make them non-commercial.

These could be due to poor quality reservoir, depth of the reservoir, HPHT conditions, high contaminant content, poor fiscal terms, high environmental risks, or a remote location. This Panel aims to address these issues and illustrate how Fit for purpose developments, state-of-art technologies and strategic partnerships can enable marginal assets providing potential solutions, including AI, to monetize these commercially challenged projects.

Session Panelists:



Anita Steinberger-Glaser
VP Operations
Oxy Abu Dhabi



Frank Soren Head of Integrated Asset Group TotalEnergies



Karin Comploi Head of Development and JV Assets ENI Abu Dhabi



Robert Deutman SVP for Development and Subsurface Shell



Mark Agnew Global Wells & Production Engineering Chief ExxonMobil

Moderator:



Katherine Wallgren Asset Development Manager Oxy

Book your delegate pass today

09:30 - 11:00 Location: Conference Hall A

Driving Innovation: Al and Digital Technology Shaping the Energy Industry

The energy industry is undergoing a transformative shift driven by rapid advancements in artificial intelligence (AI) and digital technologies. This panel explores how Al, machine learning, IIoT, Quantum computing, and data analytics are transforming the energy industry from exploration to production. Technical Experts will discuss cutting-edge applications—from predictive operations and innovative digital systems to operations optimisation and forecasting—highlighting how these innovations enhance efficiency, sustainability, and resilience.

The session will also address challenges such as cybersecurity, regulatory frameworks, and workforce adaptation. Join us to uncover how digital transformation is reshaping the future of energy and fostering a cleaner, smarter, and more connected energy ecosystem.

Key Themes:

- · Al and automation in upstream and downstream operations
- · Digital twins, robotics, and IIoT for innovative systems
- · Data-driven decarbonisation strategies
- · Cybersecurity and ethical considerations
- Policy and industry collaboration for tech adoption
- Future trends in energy innovation

Attendees will gain insights into the challenges and opportunities of integrating new technologies, the role of digitalisation in optimising assets, and the future of energy in a tech-driven world.

Session Panelists:



Khaled Al Blooshi Vice President, Digital Projects C Innovation ADNOC



Darmesh Mehta Executive Chairman Corva Al



Trygve Randen Vice President Digital Projects & Innovation SLB



Dr Adel Bin Subaih Chief Operations Officer AIO



Dr Xiaojun Huang Modeling/ Optimization/Data Science Engineering Chief

Moderator:



Dr Wael Ziadat Vice President MENA Corva Al

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11:30 – 13:00 Location: Conference Hall A

Upstream of the Future: Autonomous Operations and Digital Oil Fields

Autonomous operations and digital oilfields are no longer a vision - they are becoming a reality in exploration and

production (ECP). But is the industry truly ready for widespread adoption? Has enough been done to upskill personnel to align with autonomous and digital goals? Is the current regulatory environment keeping pace? Over the next decade, how will these technologies reshape operational strategies? Will they reduce risk by removing personnel from hazardous tasks - or simply reduce personnel altogether? What are the implications for safety? While new technologies bring exciting opportunities, they also introduce significant uncertainties. This session will explore the current state of autonomous and digital operations, and discuss the path forward - highlighting both the challenges and the promise of what's to come.

Session Panelists:



Ann Davies Senior Vice President Wells bp



Dr John Markus Lervik Founder and Chief Strategy and Development Officer Cognite



Dr Matthias Gatzen Executive Director Digital Well Construction Business Baker Hughes



Pierre-Alexandre RIVES Senior Advisor Lean Operating Model TotalEnergies



Satyam Priyadarshy CEO Reignite Future

Moderator:



Farhan Al-Farhan Manager - Business Development KUFPEC

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14:00 – 15:30 Location: Conference Hall A

CCUS, Reality vs. Aspirations: Technologies, Markets and Technical Policy Drivers

As deployment of CCUS scales globally, reducing overall system costs remains a critical challenge. It is widely recognised that the path to large-scale CCUS deployment hinges on driving down costs while aligning technological readiness with supportive market and policy conditions.

This session brings together CCUS experts to explore the innovative approaches and practices that are improving cost- efficiency across the value chain - from capture to storage. Attendees will gain insights on the advancements in low-cost capture systems, emerging utilisation pathways, alongside enablers such as digital optimisation.

The session will also address how evolving policy frameworks, market-based incentives, and cross-sector collaboration are influencing project economics and investment viability that will enable pathways to commercial scalability and effective deployment of CCUS.

Session Panelists:



Dr Faye GerardEnergy Transition and
Americas Director
IOGP



Joel Flitton Head of Commercial for MENA and APAC SLB Capturi



Steven Webb
Director of International
Sequestration
1PointFive



Masato Kamiya General Manager Strategy & Projects Development Unit Low Carbon Solutions Division INPEX Corporation



Marten Adema Strategy & Commercial Director PDO

Moderator:



Aaesha Khalfan Al Keebali Manager, CCUS Commercial ADNOC LC&IG

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TECHNICAL CONFERENCE PROGRAMME

AI, DIGITAL, AND TECHNOLOGY



Monday 3 November

10:30 AM - 12:00 PM

The Future of Al and Digital Transformation in the Energy Industry

10:30 AM - 12:00 PM

Future Forward: The Next Wave of Al and Digital Transformation in Oil and Gas I

1:00 PM - 2:30 PM

Agentic Al for Maintenance **Optimisation and Operational** Reliability

1:00 PM - 2:30 PM

Predictive Maintenance Technologies and Techniques-Breakthrough Techniques

3:00 PM - 4:30 PM

Future Forward: The Next Wave of Al and Digital Transformation in Oil and Gas II

Tuesday 4 November

8:30 AM - 10:00 AM Drilling Optimisation Through AII

10:30 AM - 12:00 PM Predictive Maintenance Technologies and Techniques (Operator Success Stories)

10:30 AM - 12:00 PM

Proactive Risk Identification and Management

1:00 PM - 2:30 PM

Drilling Optimisation Through AI II

1:00 PM - 2:30 PM

LLM-Driven Optimisation for Reservoir and Production Engineering

3:00 PM - 4:30 PM

Agentic Al for Legacy Data Conversion and Workflow Digitalisation

3:00 PM - 4:30 PM

Strategic Transformation and Sustainability with Agentic Al

Wednesday 5 November

8:30 AM - 10:00 AM Robotic and Drones Integration

Within Operations

8:30 AM - 10:00 AM AI-Based Production Optimisation I

10:30 AM - 12:00 PM

Digital Twins in Energy: Bridging the Physical and Virtual Worlds (Production and Facilities)

10:30 AM - 12:00 PM

AI-Based Production Optimisation II

1:00 PM - 2:30 PM

Digital Twins in Energy: Bridging the Physical and Virtual Worlds (Subsurface Application)

1:00 PM - 2:30 PM

Human Al Upholding Collaboration and Automations

3:00 PM - 4:30 PM

Al-Based Production Optimisation III

Thursday 6 November

10:30 AM - 12:00 PM

Digital Transformation on Formation Evaluation I

1:00 PM - 2:30 PM

The Role of Al in Carbon Capture and Emission Reduction

1:00 PM - 2:30 PM

Al and IoT: Transforming Operations Monitoring and Control-Enhancing Operational Excellence

3:00 PM - 4:30 PM

Digital Transformation on Formation Evaluation II

3:00 PM - 4:30 PM

Al and IoT: Transforming Operations Monitoring and Control-Production

DRILLING AND COMPLETIONS



Monday 3 November

10:30 AM - 12:00 PM Lower Completion New

Technologies-Case Histories

01:00 PM - 02:30 PM Advances in Downhole

Monitoring

01:00 PM - 02:30 PM **Upper Completion Technologies**

03:00 PM - 04:30 PM

Advances in Acid Stimulation

03:00 PM - 04:30 PM

Artificial Lift Solutions

Tuesday 4 November

08:30 AM - 10:00 AM

Best Practices in Drilling Operations-Case Histories I

10:30 AM - 12:00 PM

Advances in Gas/Water Shutoff

10:30 AM - 12:00 PM

Breakthrough Stimulation Techniques

01:00 PM - 02:30 PM

Best Practices in Drilling Operations-Case Histories II

03:00 PM - 04:30 PM

Advances in Multi-Stage Completions for Well Stimulation

03:00 PM - 04:30 PM

Post Stimulation Job Evaluation

Wednesday 5 November

08:30 AM - 10:00 AM Advances in Drilling Fluids

08:30 AM - 10:00 AM

Advances in Rigless Intervention I

10:30 AM - 12:00 PM

Advances in Cementing

01:00 PM - 02:30 PM

Well Integrity Technology

01:00 PM - 02:30 PM

Advances in Rigless Intervention II

03:00 PM - 04:30 PM

Directional Drilling, Drilling Dynamics, and Geosteering

03:00 PM - 04:30 PM

Autonomous Drilling and **Remote Operations**

Thursday 6 November

10:30 AM - 12:00 PM

Well Design Efficiency

01:00 PM - 02:30 PM

Drilling Optimisation

03:00 PM - 04:30 PM

Drilling Technology, Equipment, and Well Control

03:00 PM - 04:30 PM

Real Time Applications

EXPLORATION AND GEOSCIENCE



Monday 3 November

10:30 AM - 12:00 PM

Geostatistics and Geological Modelling I—Evolving Workflows and Strategies

01:00 PM - 02:30 PM

Logging Technologies and Interpretation Methods; Case Studies and Machine Learning

01:00 PM - 02:30 PM

Innovations in Logging Technologies and Interpretation Methods

03:00 PM - 04:30 PM

Geostatistics and Geological Modelling II—Case Studies

Tuesday 4 November

08:30 AM - 10:00 AM

Application of Technology in Geoscience—Case Studies

10:30 AM - 12:00 PM

Structural Geology, Rock Physics, and Geomechanics I

10:30 AM - 12:00 PM

Geoscience Technology Development—Breakthroughs Following R&D

01:00 PM - 02:30 PM

Advances in Regional Geology (Sedimentology, Biostratigraphy, Basin, and Structural Modelling)

03:00 PM - 04:30 PM

Structural Geology, Rock Physics, and Geomechanics II

Wednesday 5 November

08:30 AM - 10:00 AM

State-of-the-Art in Reservoir Characterisation I—Advances in Rock Typingg

10:30 AM - 12:00 PM

New Exploration Plays (Subtle Traps, Deep Plays)

01:00 PM - 02:30 PM

State-of-the-Art in Reservoir Characterisation II— Case Studies

03:00 PM - 04:30 PM

Making Better Decisions: Role of Geoscience in Uncertainty Assessment

Thursday 6 November

10:30 AM - 12:00 PM

Making Better Decisions: Data-Driven Analytics Application in Geoscience

10:30 AM - 12:00 PM

Advances in Seismic Acquisition and Processing

01:00 PM - 02:30 PM

Advances in Seismic Reservoir Characterisation (Inversion, 4D)

01:00 PM - 02:30 PM

Role of Geoscience in Energy Transition and Mineral Exploration

03:00 PM - 04:30 PM

Advanced Workflows in Geoscience and Exploration

FIELD DEVELOPMENT



Monday 3 November

10:30 AM - 12:00 PM

Advances in Reservoir Modelling: Challenges and Opportunities I

10:30 AM - 12:00 PM

Digital Reservoir and Data-Driven Applications

01:00 PM - 02:30 PM

Reservoir Fluids Characterisation, and SCAL Applications

03:00 PM - 04:30 PM

Advances in Reservoir Modelling: Challenges and Opportunities II

03:00 PM - 04:30 PM

CO2 and Gas EOR Applications

Tuesday 4 November

08:30 AM - 10:00 AM

Stimulation and Rigless Intervention Advances in Field Development I

08:30 AM - 10:00 AM

Innovation in Reservoir Characterisation

10:30 AM - 12:00 PM

Chemical and Advanced EOR Case Studies I

01:00 PM - 02:30 PM

Stimulation and Rigless Intervention Advances in Field Development II

01:00 PM - 02:30 PM

Advancements in Integrated Development Studies

03:00 PM - 04:30 PM

Chemical and Advanced EOR Case Studies II

03:00 PM - 04:30 PM

Integrated Reservoir Management

Wednesday 5 November

08:30 AM - 10:00 AM

Innovative Field Development Technologies I

08:30 AM - 10:00 AM

Water Flooding: Best Practices and Case Studies

10:30 AM - 12:00 PM

Well Completions and Artificial Lift Advancements in Field Development I

10:30 AM - 12:00 PM

Exploration to Development: Advancements in Geological Studies

01:00 PM - 02:30 PM

Innovative Field Development Technologies II

03:00 PM - 04:30 PM

Well Completions and Artificial Lift Advancements in Field Development II

03:00 PM - 04:30 PM

Excellence in Sour Gas Development

Thursday 6 November

10:30 AM - 12:00 PM

Advanced EOR Applications

10:30 AM - 12:00 PM

Optimised Field Development Strategy

01:00 PM - 02:30 PM

Field Development Practical Case Studies

03:00 PM - 04:30 PM

Water Management Lifecycle

03:00 PM - 04:30 PM

Complex Gas Field Development: Innovative Technologies and Strategies

HEALTH, SAFETY AND ENVIRONMENT



Monday 3 November

01:00 PM - 02:30 PM

Digital Transformation in Health, Safety and Environment

Tuesday 4 November

08:30 AM - 10:00 AM Human-Al Collaboration for **Enhanced HSE**

Wednesday 5 November

10:30 AM - 12:00 PM Human-Centred Approaches to

Safety and Well-Being

Thursday 6 November

01:00 PM - 02:30 PM

Environment and Sustainability



MARINE OPERATIONS AND LOGISTICS

Monday 3 November

10:00 AM - 11:30 AM

Subsea Rigid and Flexible Pipelay, Umbilical and Cable Installation

11:30 AM - 01:00 PM

Subsea Emergency Pipeline Repair System (EPRS) and Intervention

01:00 PM - 02:30 PM

Subsea: Survey, Inspection, Repair, and Maintenance

Tuesday 4 November

10:30 AM - 12:00 PM

Marine: Environmental Sustainability, Decarbonisation, and Future Solutions

01:00 PM - 02:30 PM

Marine: Policy and Regulation

Wednesday 5 November

10:30 AM - 12:00 PM

Digitalisation, Technology, and Al in Marine Logistics

01:00 PM - 02:30 PM

Digitalisation, Technology, and Al in Marine Logistics Optimisation

03:00 PM - 04:30 PM

Subsea: Pipeline Design and Installation

Thursday 6 November

10:00 AM - 11:30 AM

HSE, and Risk Management in Offshore Marine Operations and its Assets

11:30 AM - 01:00 PM

Energy Transition Sustainability, Decarbonisation, and Future Solutions

01:00 PM - 02:30 PM

Offshore Logistics, Challenges and Solutions

03:00 PM - 04:30 PM

Offshore: Advanced Technology, Semi and Autonomous (AUV, USV, ROV) Solutions in Subsea

UNCONVENTIONAL RESOURCES DEVELOPMENT



Monday 3 November

10:30 AM - 12:00 PM

Recovery Enhancement I

01:00 PM - 02:30 PM

Reservoir Characterisation

03:00 PM - 04:30 PM

Recovery Enhancement II

Tuesday 4 November

08:30 AM - 10:00 AM

Drilling and Completion Lessons Learnt

08:30 AM - 10:00 AM

Drilling and Completion Operations Excellence

10:30 AM - 12:00 PM

Stimulation and Formation Damage Control

01:00 PM - 02:30 PM

Stimulation and Production **Enhancement**

03:00 PM - 04:30 PM

Reservoir Characterisation Improvement

Wednesday 5 November

08:30 AM - 10:00 AM

Artificial Intelligence Applications I

10:30 AM - 12:00 PM

Reservoir Modelling and Resource Improvement

01:00 PM - 02:30 PM

Artificial Intelligence Applications II

03:00 PM - 04:30 PM

Geomechanics and Well **Placement**

03:00 PM - 04:30 PM

Integrated Formation Evaluation

Thursday 6 November

10:30 AM - 12:00 PM

Integrated Asset Planning

01:00 PM - 02:30 PM

Enhanced Project Management

03:00 PM - 04:30 PM

Decarbonisation

PEOPLE DEVELOPMENT AND DIVERSITY



Monday 3 November

10:30 AM - 12:00 PM Innovative Work Models: Balancing Diversity, Technology, and Well-Being

Tuesday 4 November

10:30 AM - 12:00 PM Talent Management for Future

01:00 PM - 02:30 PM Impact of AI People Strategies

Wednesday 5 November

01:00 PM - 02:30 PM Technological Innovations in HR

Thursday 6 November

10:30 AM - 12:00 PM Creating Pathways for Diverse Leadership



OPERATIONAL EXCELLENCE

Monday 3 November

10:30 AM - 12:00 PM **Autonomous and Process** Control I

10:30 AM - 12:00 PM

Facility Management and Asset Performance Optimisation I

01:00 PM - 02:30 PM

Water Management Challenges and Solutions

03:00 PM - 04:30 PM

Facility Management and Asset Performance Optimisation II

03:00 PM - 04:30 PM **Autonomous and Process** Control II

Tuesday 4 November

08:30 AM - 10:00 AM **Autonomous and Process** Control III

08:30 AM - 10:00 AM

Flow Assurance Challenges, Technologies, and Innovative Practices I

10:30 AM - 12:00 PM Maintenance 4.0 I

01:00 PM - 02:30 PM

Process Safety I

01:00 PM - 02:30 PM

Flow Assurance Challenges, Technologies, and Innovative Practices II

03:00 PM - 04:30 PM Process Safety II

03:00 PM - 04:30 PM Maintenance 4.0 II

Wednesday 5 November

08:30 AM - 10:00 AM **Energy Optimisation and** Renewables

10:30 AM - 12:00 PM

Asset Integrity Challenges, Technologies, and Innovative **Practices**

10:30 AM - 12:00 PM

Production Constraints I

01:00 PM - 02:30 PM Production Constraints II

01:00 PM - 02:30 PM Production Cost Optimisation I

03:00 PM - 04:30 PM Production Cost Optimisation II

Thursday 6 November

10:30 AM - 12:00 PM

Surface and Subsurface Integration and Optimisation Challenges, Technologies, and Innovative Practices I

10:30 AM - 12:00 PM

Well Integrity Challenges, Technologies, and Innovative Practices I

01:00 PM - 02:30 PM

Surface and Subsurface Integration and Optimisation Challenges, Technologies, and Innovative Practices II

03:00 PM - 04:30 PM

Well Integrity Challenges, Technologies, and Innovative Practices II

03:00 PM - 04:30 PM

Surface and Subsurface Integration and Optimisation Challenges, Technologies, and Innovative Practices III

ENERGY TRANSFORMATION AND SUSTAINABLE SOLUTIONS



Monday 3 November

10:30 AM - 12:00 PM Hydrogen Value Chain

01:00 PM - 02:30 PM

Green Hydrogen Generation, Flow and Transport

03:00 PM - 04:30 PM

Hydrogen Production and Synthesis

03:00 PM - 04:30 PM

CO₂ Monitoring and Assessment-Industrial **Projects**

Tuesday 4 November

08:30 AM - 10:00 AM

Carbon Capture Utilisation and Storage I

10:30 AM - 12:00 PM

Carbon Capture Optimisation, Challenges, and Applications

01:00 PM - 02:30 PM

Carbon Capture Utilisation and Storage II

03:00 PM - 04:30 PM

Reservoir CO2 Storage and **Blockchain Commerciality**

Wednesday 5 November

08:30 AM - 10:00 AM

Evolving CCUS Technologies Driving Value

08:30 AM - 10:00 AM

Carbon Valorisation and Monetisation

10:30 AM - 12:00 PM

Innovations in New Energies I

01:00 PM - 02:30 PM

Decarbonising Drilling Operations

03:00 PM - 04:30 PM

Innovations in New Energies II

03:00 PM - 04:30 PM Methane Monitoring and

Thursday 6 November

10:30 AM - 12:00 PM **Energy Efficiency and** Sustainability

01:00 PM - 02:30 PM

Carbon Footprint Management

01:00 PM - 02:30 PM

Digital Solutions to Achieve Net Zero

03:00 PM - 04:30 PM

Electrification of Oil and Gas Operations

STRATEGIC CONFERENCE



Global Strategy

Explore how bold, system-wide investments and policy foresight are reshaping energy resilience across geographies, technologies and timelines.



Decarbonisation

Explore real world strategies cutting emissions while driving innovation, resilience and competitiveness in today's complex energy landscape.



Finance & Investment

Understand how evolving markets, policy shifts and investor priorities are shaping capital flows for scalable, resilient energy solutions.



Natural Gas & LNG

Delve into the evolving role of gas and LNG in supporting global energy security, system flexibility and affordable low-emission growth.



Digitalisation & Al

Examine how AI and digitalisation are enabling smarter systems, enhancing resilience and transforming operations across the energy value chain.



Emerging Economies

See how rising markets are using innovation, infrastructure and investment to reshape energy, trade and industrial competitiveness.



Hydrogen

Unlock hydrogen's role in energy security and industrial decarbonisation, from project delivery to cross-border demand and infrastructure.



Maritime & Logistics

Discover how shipping and ports are evolving with new fuels, smart infrastructure and green investment to support global supply resilience.



Downstream & Chemical

Explore how refineries and processors are building agility through digital tools, circular platforms and evolving feedstock strategies.



Diversity, Leadership & Development

Learn how inclusive leadership and workforce strategies are unlocking long-term strength, innovation and resilience across the sector.

4-DAY ALL ACCESS PASS

US\$6,830

Across more than 380 sessions, the ADIPEC 2025 conference programme will provide timely strategic and technical insights through curated sessions featuring the insights of over 1,800 ministers, global policymakers, CEOs and innovators.

Gain full access to ADIPEC's portfolio of 12 conference programmes

- √ 10 Strategic Conference programme
- Technical SPE Conference
- ✓ Downstream Technical Conference
- ✓ Delegate lunches
- Access to exhibition halls
- Access to tailored networking sessions
- Access to the Energy Connects Conference Hub

Visit www.adipec.com/delreg or email delegate@adipec.com to secure your delegate pass.

ABOUT THE EXHIBITION

At ADIPEC 2025, more than 2,250 organisations from across the global energy ecosystem will come together to share proven, scalable solutions that have realworld impact.

The ADIPEC Exhibition connects energy pioneers and innovators from advanced and emerging markets, creating a nexus for cross-sector collaboration that accelerates system-wide transformation and unlocks long-term value. There, solutions are showcased, decisions are made and collaborations are catalysed to drive breakthrough partnerships between industry, technology providers, and emerging markets.

Spanning 17 halls and featuring 54 NOCs, IOCs, NECs and IECs alongside 30 dedicated country pavilions and four specialised industry areas, the exhibition showcases how interconnected energy systems can unlock transformative opportunities by embracing all viable energy sources and technologies. It advocates for building resilient, diverse systems that deliver energy more affordably with lower carbon intensity.

The exhibition addresses the dual imperative of building resilience in today's systems while scaling intelligent solutions that enable system-wide transformation. Through pragmatic decision-making and strategic foresight, visionary stakeholders showcase concrete investments and partnerships that deliver shared prosperity, empower people and drive progress while navigating real-world constraints.

ADIPEC IN NUMBERS

EXHIBITION

205,000

Exhibition attendees

Exhibiting companies

Country pavilions

NOCs, IOCs,

CONFERENCE

Conference delegates

speakers



SHOWCASING 2,250+ GLOBAL EXHIBITORS AND THE WORLD'S EADING PRODUCERS DEI NERGY'S FUTURE

ADIPEC welcomes the participation of more than 54 NOCs, IOCs, NECs and IECs, offering a platform to showcase the latest innovations, technologies and solutions driving energy progress. Companies include:







































































































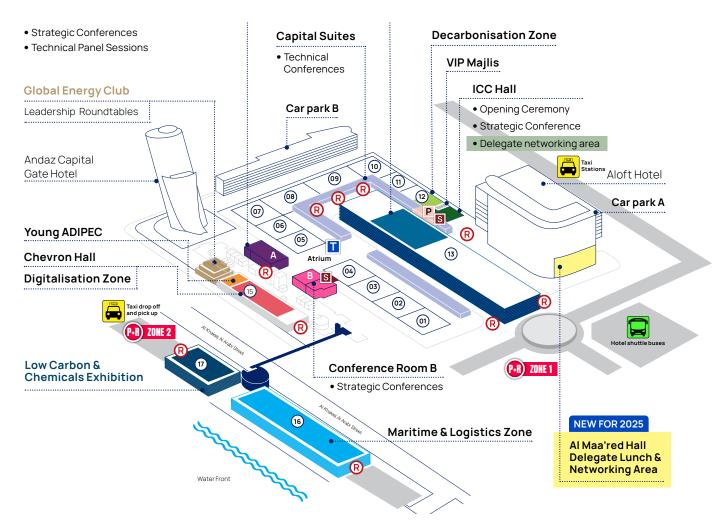






ADIPEC VENUE MAP

Join us at ADIPEC 2025, taking place from 3-6 November in Abu Dhabi, offering unparalleled opportunities for collaboration, innovation and progress.

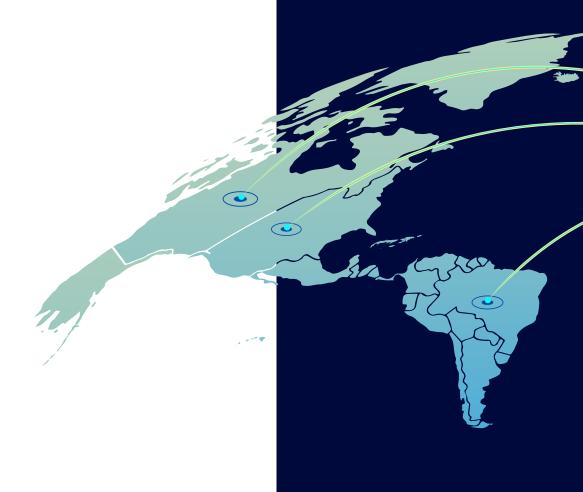




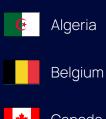
A PLATFORM FOR INTERNATIONAL **COLLABORATION**

ADIPEC fosters vital dialogue between the advanced and emerging economies through its 30 dedicated country pavilions, creating a truly inclusive forum where diverse perspectives shape our shared energy future. These pavilions amplify the pivotal role of energy in advancing opportunity and inclusive global progress.

By bringing together industry and government leaders from across the globe, the country pavilions help surface the unique challenges and opportunities facing different nations. Each pavilion showcases how tailored energy solutions - empowered by innovation, investment and policy - can support national priorities, unlock economic potential and build more resilient, lower-carbon energy systems.



Country pavilions





China





Germany











Kazakhstan



KSA



Malaysia



Netherlands







Pakistan



Poland



Qatar



Romania



Scotland



Singapore



South Korea











USA



Wales







Energy. Intelligence. Impact.

3-6 November 2025 Abu Dhabi, UAE

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