



Host



4-7 November 2024
Abu Dhabi, UAE

2024 Decarbonisation brochure

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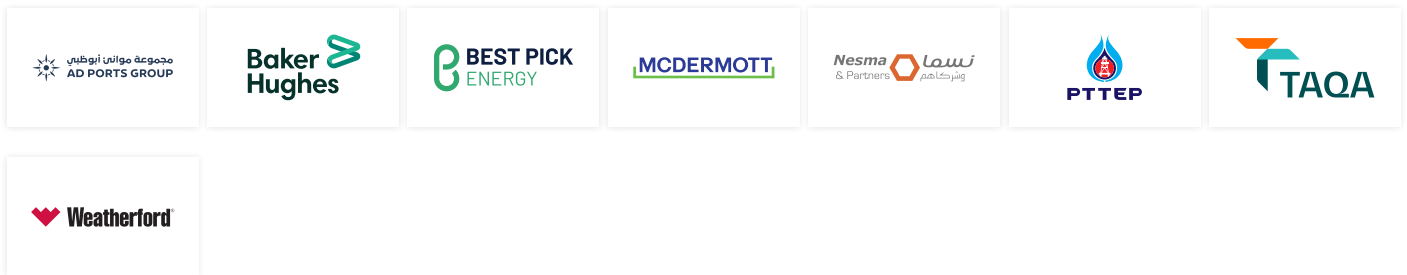
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Host city	Venue partner	Sport & recreation partner	Official hotel partner	Strategic insights partner
Knowledge partner	Official travel partner	Technical Conference organised by	Official media partner	ADIPEC brought to you by

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ADIPEC has consistently set the stage for vital conversations on issues such as energy security and decarbonisation. It serves as a beacon of hope, uniting industry leaders to address the complexities of our global energy landscape. The event's enduring legacy is a testament to its role in advancing the transition to cleaner, more sustainable energy future.

”

Joseph McMonigle
Secretary General
IEF



Decarbonisation at ADIPEC

To advance the world's decarbonisation goals, businesses, political decision makers and innovative thinkers will need to come together to mobilise their collective knowledge, expertise and the resources needed to move from consensus to action on emissions reduction.

The dedicated Decarbonisation area at ADIPEC can spark the disruptive thinking needed to deliver tangible, high-impact solutions for energy sustainability and decarbonisation, bridging the gap between finance and innovation to unlock unprecedented new investments in our collective energy future.

By spotlighting transformational energy solutions, from opportunities in new energy adoption, storage, carbon capture, infrastructure and utilities, to the decarbonisation of heavy industries and advances in methane emissions reduction, the zone provides a platform for businesses working to tackle these critical challenges with new pathways to scale and grow.

In addition, the Decarbonisation Conference will tackle topics including the transition to renewable energy sources, enhancing energy efficiency across sectors, implementing carbon pricing mechanisms, investing in carbon capture technologies, and optimising, electrifying and decarbonising energy systems.

2024 Decarbonisation sponsors



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An overview of the decarbonisation industry

To achieve net-zero emissions by 2050, annual investment in clean energy must triple by 2030, focusing on renewables, CCUS and hydrogen.

The hydrogen project pipeline has expanded to over 1,400 projects globally, with investments reaching US\$570 billion.

CCUS can reduce global emissions by up to 15% by 2070, with its deployment needing to increase by more than 100 times current levels by 2050 to meet global climate goals.

Digital technologies can reduce global energy consumption by 10% and CO2 emissions by 15% by 2030.

Energy Transition Investment Trends 2024 (BloombergNEF), Hydrogen Insights December 2023 (Hydrogen Council, McKinsey & Company), CCUS Report and World Energy Investment 2022 (BloombergNEF)

Why exhibit?

Support global decarbonisation goals towards a lower-carbon, higher-growth world

By participating in the ADIPEC Decarbonisation area, exhibiting companies can significantly contribute to advancing decarbonisation efforts. Your presence will emphasise the pressing need for urgent and collaborative action within the energy industry to address climate challenges, accelerate decarbonisation and safeguard the resilience of our energy system.

- Engage in a platform for both end-users and solution providers. This specialised area will explore the implications of decarbonisation on the energy industry, promoting innovations and low-carbon technologies, such as CCUS, towards a cleaner future.
- Meet face-to-face with decision makers, C-level executives, government authorities and finance houses from energy providers, NOCs, IOCs, NECs and IECs, biofuels companies, and more, looking to invest and find tangible solutions to translate their net-zero pledges to net-zero plans.
- Discuss key challenges and opportunities around decarbonising operations of oil and gas companies, with special emphasis on adoption and implementation, financing challenges and collaboration opportunities.
- Explore the importance of technology partnerships and industry collaboration in ensuring decarbonisation solutions are identified and adopted across the value chain.



DECARBONISATION ACCELERATOR

www.reviva.sa



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Envorem

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JENBACHER

Investing in a green future with hydrogen



Who will you meet?

Through participation at the Decarbonisation area, exhibitors will have the opportunity to connect and engage with a diverse range of energy industry professionals, policymakers and stakeholders.

- ❑ NOCs, IOCs, NECs and IECs
- ❑ Decarbonisation technology & solutions companies
- ❑ Integrated new energy providers – including solar, wind, hydropower and waste-to-fuel
- ❑ Battery technology and electrification technology providers
- ❑ Power, utilities and diversified energy companies
- ❑ Construction material manufacturing companies
- ❑ Hydrogen producers, technology providers and end users (mobility and chemicals)
- ❑ Energy services companies (ESCOs)
- ❑ Carbon capture, usage, and storage (CCUS) companies
- ❑ Associations, key consultancies and accreditation organisations
- ❑ Biofuel producers and suppliers
- ❑ Project developers
- ❑ Carbon emission tracking and trading platforms





Showcased products and services

The Decarbonisation area at ADIPEC will be an important platform to establish technology partnerships and industry collaboration, featuring a showcase of products and services that include:

- ❑ Advanced materials and composites
- ❑ Agents, distributors, manufacturers of energy storage components
- ❑ Applications in process industries
- ❑ Carbon capture, usage, and storage (CCUS)
- ❑ CCUS technology and components
- ❑ Compression equipment
- ❑ Consultancy
- ❑ Control systems
- ❑ Conversion technologies
- ❑ Energy efficiency, storage and management systems
- ❑ Energy-intensive industries
- ❑ Fuel cell components and auxiliaries
- ❑ Fuel cell design, development and manufacturing
- ❑ Fuel cell manufacturing and assembly
- ❑ Hydrogen electrolysers
- ❑ Hydrogen from biomass
- ❑ Hydrogen fuels
- ❑ Hydrogen refining processes
- ❑ Hydrogen to methane (gaseous)
- ❑ Hydrogen to methanol (liquid)
- ❑ Industrial logistics for decarbonisation
- ❑ Low-carbon hydrogen production
- ❑ Methane storage, abatement and monitoring
- ❑ Methane feeding into the gas network
- ❑ Methanisation
- ❑ Mobility systems
- ❑ Net-zero energy building, smart building
- ❑ Next-gen ventilation, energy saving equipment
- ❑ Production technologies of energy storage systems



H2 SOLUTIONS

UTILIZATION

DISTRIBUTION



Decarbonisation conference



ADIPEC seeks to address an era-defining challenge: balancing the need for equitable global economic development and prosperity with the urgent need to cut global GHG emissions. Achieving decarbonisation requires a comprehensive, global approach that addresses energy production and consumption across diverse sectors such as buildings, transportation, industry and power systems.

The UAE Consensus drives countries to accelerate decarbonisation by transitioning away from fossil fuels, tripling their renewable capacity and doubling energy efficiency by 2030. Leading countries in decarbonisation have made significant progress by decreasing energy intensity, shifting to electricity from fossil fuels and adopting zero-carbon technologies for electricity generation.

The Decarbonisation conference will offer an inclusive forum dedicated to finding credible solutions that can deliver the energy system of the future, while rapidly decarbonising the energy systems of today. Sessions will also explore innovation, international collaboration and digitalisation as key enablers of progress, accelerated through robust policies and the adoption of high-impact technologies.

The conference will tackle topics including the transition to renewable energy sources, enhancing energy efficiency across sectors, implementing carbon pricing mechanisms, investing in carbon capture technologies, and optimising, electrifying, and decarbonising energy systems.



A selection of past Decarbonisation conference speakers included:



Christina Verchere
CEO
OMV Petrom



Khalid M. Nouh
CEO
TAQA Industrialization & Energy Services)



Jiří Hájek
CEO, Chairman of the Board of Directors
Orlen UniCRE a.s.



Georges Tijbosch
CEO and Board Member
MIQ



Andreas Slettvoll
CEO
Chooose



Emmanuel Givanakis
CEO
ADGM Financial Services Regulatory Authority



Thomas McMahon
Co-CEO & Co-Founder
ACX



Arne Peder Blix
CEO
ICA Finance



Talal Hasan
Founder and CEO
44.01



Afif Saif Al Yafei
CEO
Abu Dhabi Transmission & Despatch Company (TRANSCO)



Daniel Dean
Chairman
International Bank for Nuclear Infrastructure - Implementation Organization Strategic Advisory Group



Stephane Germain
President
GHGSAT



Steve Kelly
President
One Point Five International



Stefano Raciti
COO
Mubadala Energy



Matthew Harwood
Chief Strategy Officer
Climate Investments



Katharina Beumelburg
Chief Strategy and Sustainability Officer
SLB



Hugo Dijkgraaf
CTO
Wintershall Dea



Robin Mooldijk
Executive Committee, Projects & Technology Director
Shell

Register your interest for the 2024 Conferences

visit www.adipec.com/confenquiry



Join the world's largest energy event

ADIPEC 2024 will explore the power of energy in accelerating an economy-wide transformation that delivers for people, the planet and our collective prosperity.

Hosted by ADNOC, ADIPEC builds on its 40-year legacy, creating a unified, inclusive platform for the entire energy ecosystem, convening communities, nations, and industries, the world's largest energy producers and consumers, as well as enablers in government, finance and technology to find collective solutions towards affordable, secure, and sustainable energy for all.

The event takes place ahead of COP29, presenting a crucial opportunity for the energy industry to demonstrate collaborative progress on climate action commitments made and targets set as part of the UAE Consensus at COP28.

Across more than 350 conference sessions featuring over 1,600 diverse voices, and across its 16 exhibition halls, ADIPEC will advance tangible action and build the critical cross-sector partnerships needed to mobilise finance and investment, fast-track innovation and accelerate technology adoption, and advance the decarbonisation of heavy industries.

Specialised industry exhibition areas at ADIPEC

Decarbonisation

Maritime & Logistics

Digitalisation



ADIPEC in numbers

Exhibition

184,000+
Attendees

2,200+
Exhibiting
companies

54
NOCs, IOCs,
NECs, and IECs

30
Country
pavilions

Conference

16,500+
Delegates

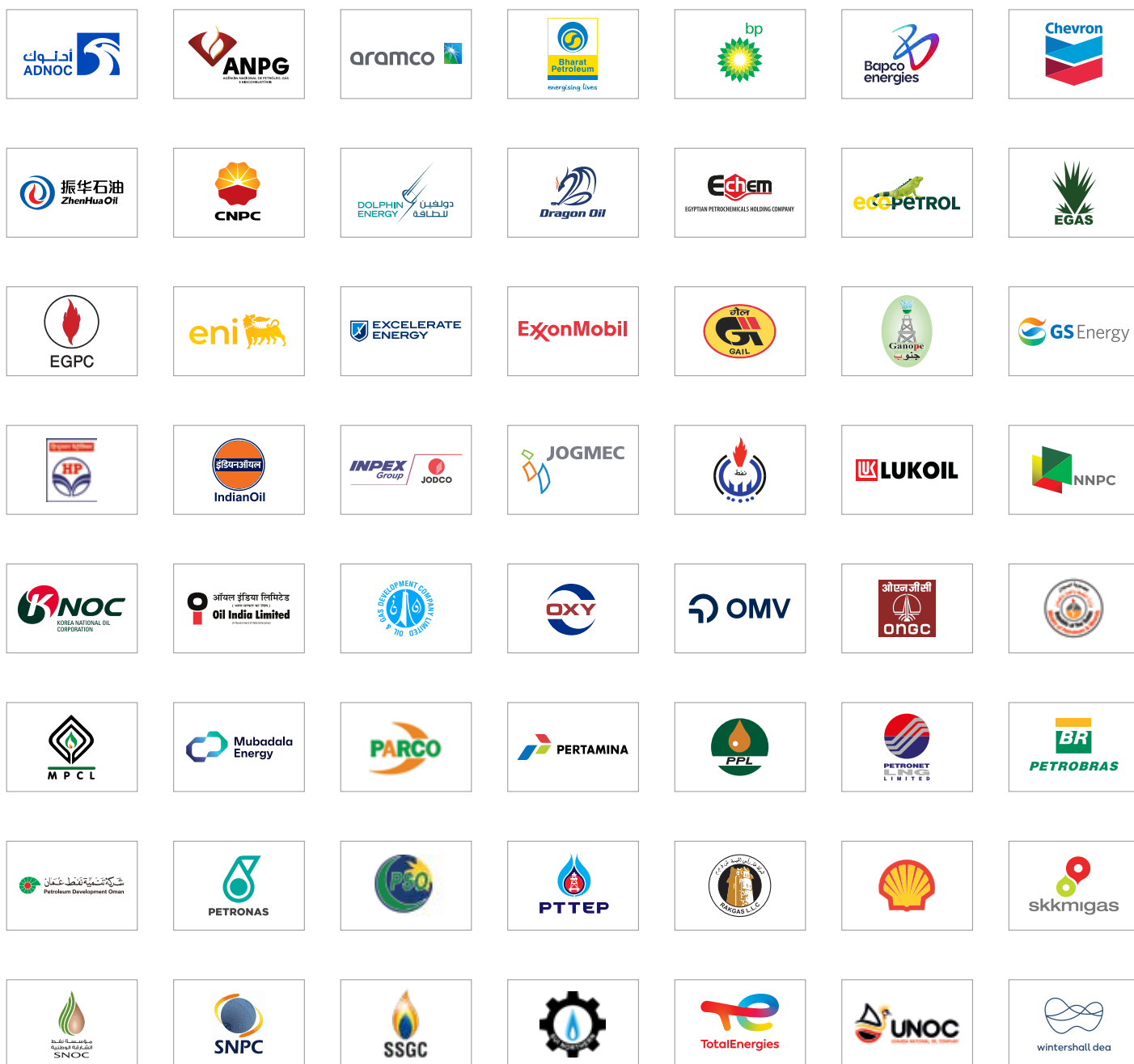
1,600+
Speakers

350+
Sessions

10
Conferences

A platform for interaction between leading NOCs, IOCs, NECs and IECs

ADIPEC welcomes the participation of more than 54 energy companies, offering a platform to showcase the latest innovations, technologies and solutions driving energy progress. Participants include:



“

ADIPEC stands as a key platform for thought leadership and collaboration within the energy industry. By fostering an environment of partnership, learning, and growth, ADIPEC is driving meaningful progress today and will continue to play a central role in our shared goal of decarbonizing faster together.

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Olivier Le Peuch
CEO
SLB

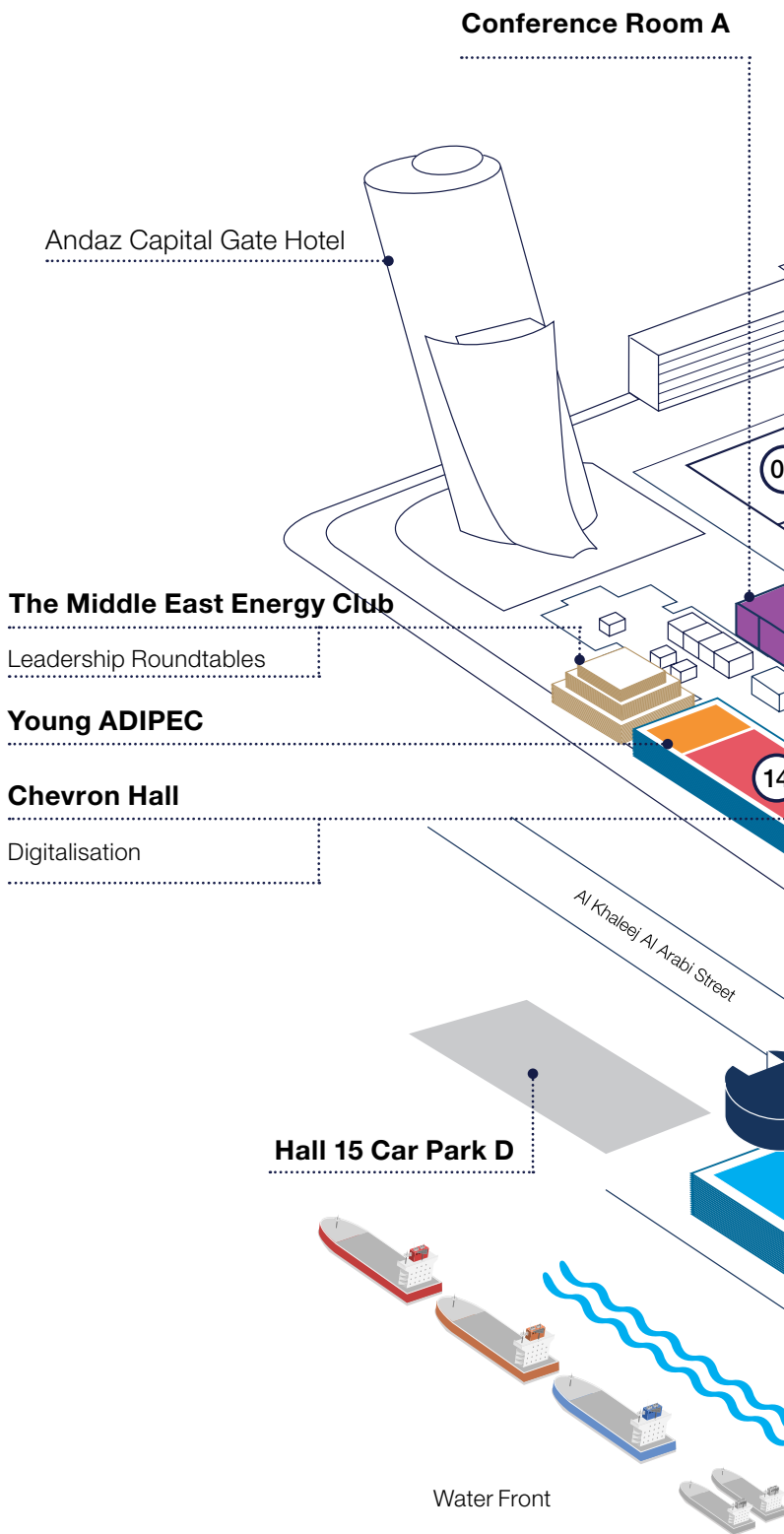


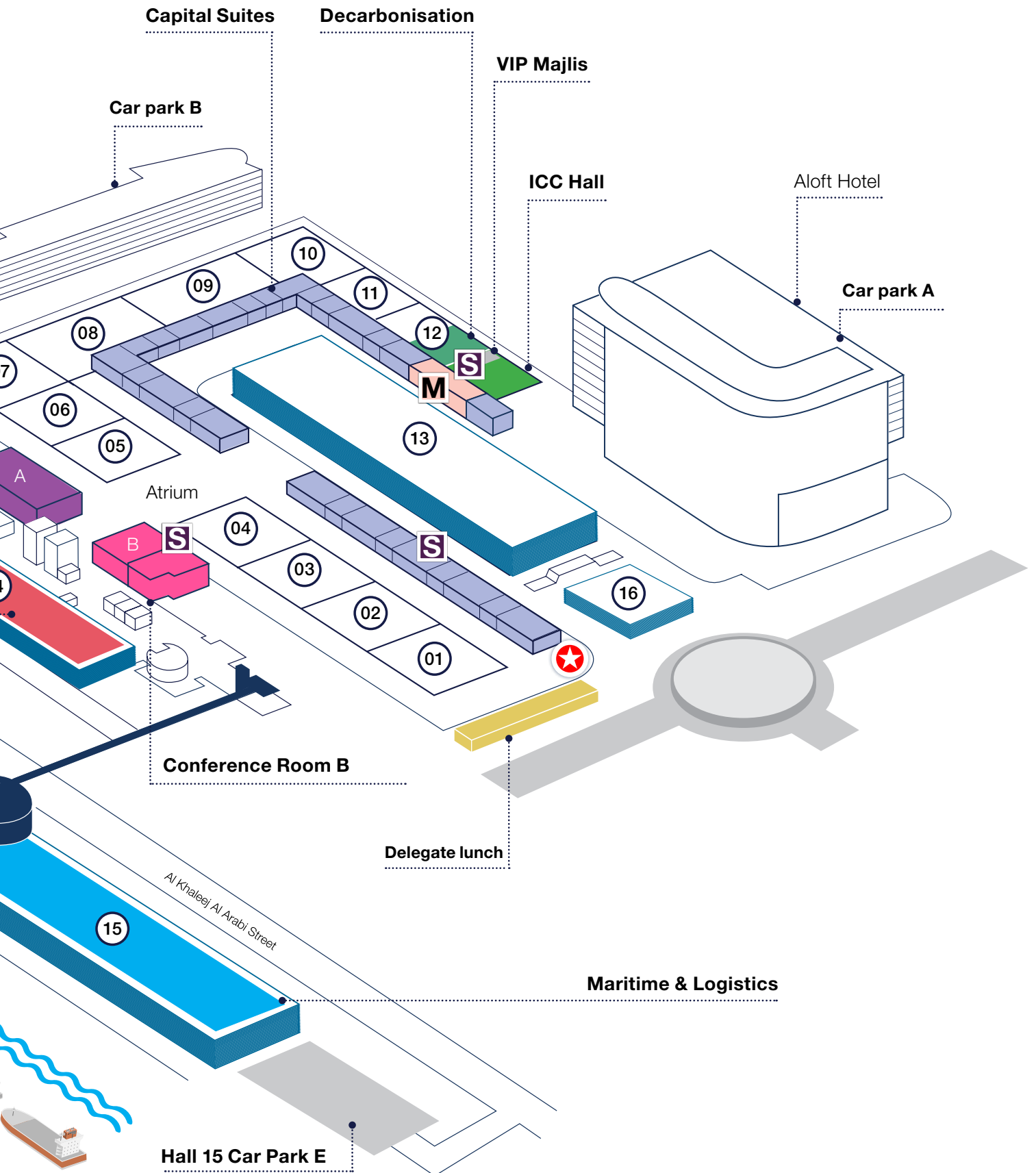
ADIPEC venue map

With growing demand for exhibition space, book your stand today for the opportunity to position your brand before the global energy market.

To secure your participation today call +971(0)2 4444 909 or email our team at sales@adipec.com

- 1 - 16 Exhibition Halls
- ADIPEC Booking Stand
- ICC Hall
- The Middle East Energy Club
- Conference Room A
- Conference Room B
- Decarbonisation
- Maritime & Logistics
- Digitalisation
- Young ADIPEC
- Capital Suites - Mezzanine level
- Delegate lunch
- M Media Centre
- VIP Majlis - ICC (Hall 12)
- S Speaker Room Locations
 - Near Conference Room B
 - Capital Suite 6, Mezzanine Level (SPE speaker room)







أديبك
ADIPEC

Host



4-7 November 2024
Abu Dhabi, UAE

Decarbonisation

- **For exhibition enquiries**

✉ sales@adipec.com

- **Conference & delegate enquiries**

✉ delegate@adipec.com


- **For sponsorship enquiries**

✉ sponsorship@adipec.com

- **For general enquiries**

✉ enquiry@adipec.com

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