

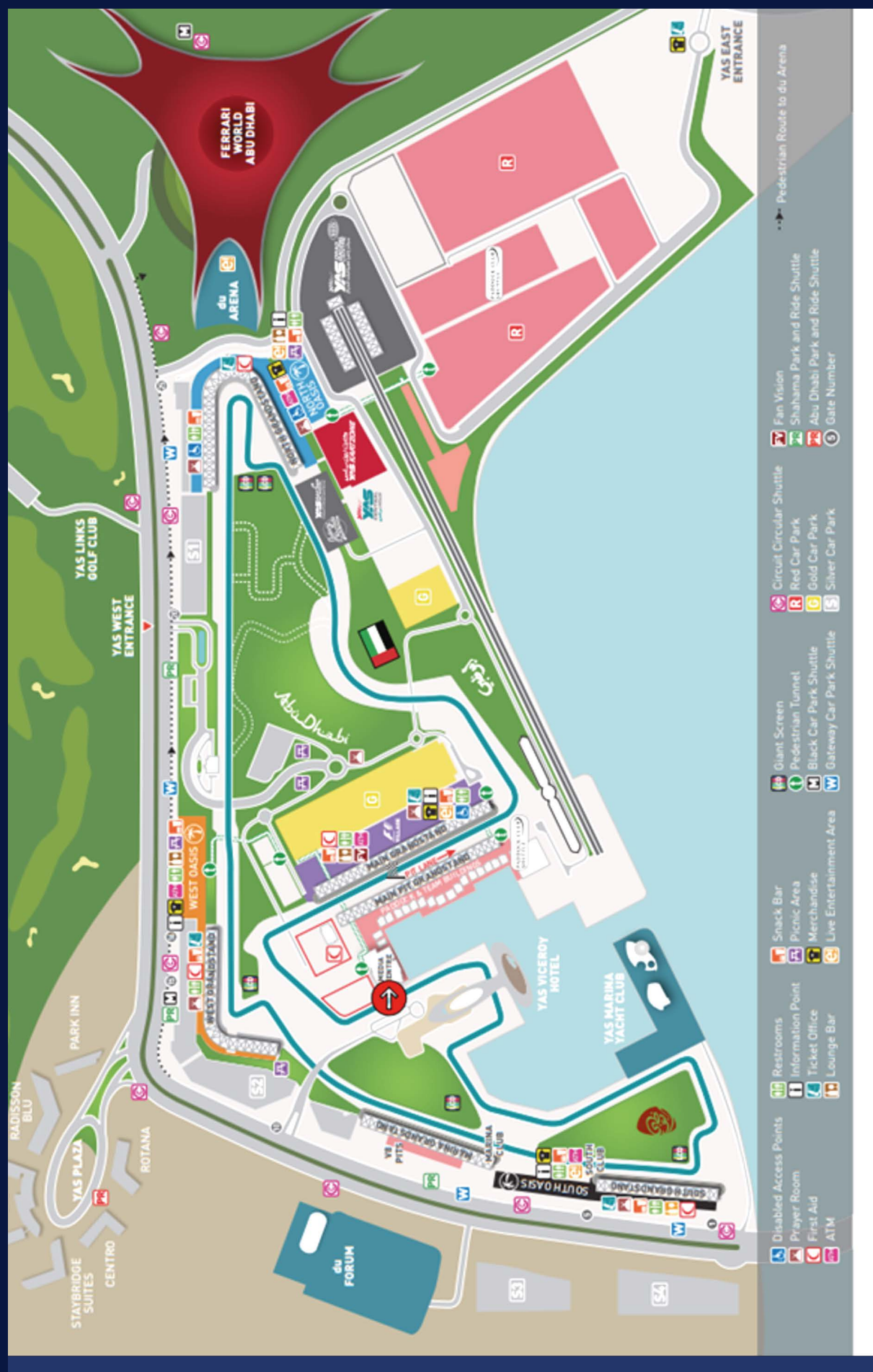


Engineering Risk Seminar 2024

Risk Engineering at the Heart of the Energy Transition

February 7-8, 2024
Yas Marina Circuit Event Centre
Abu Dhabi, UAE





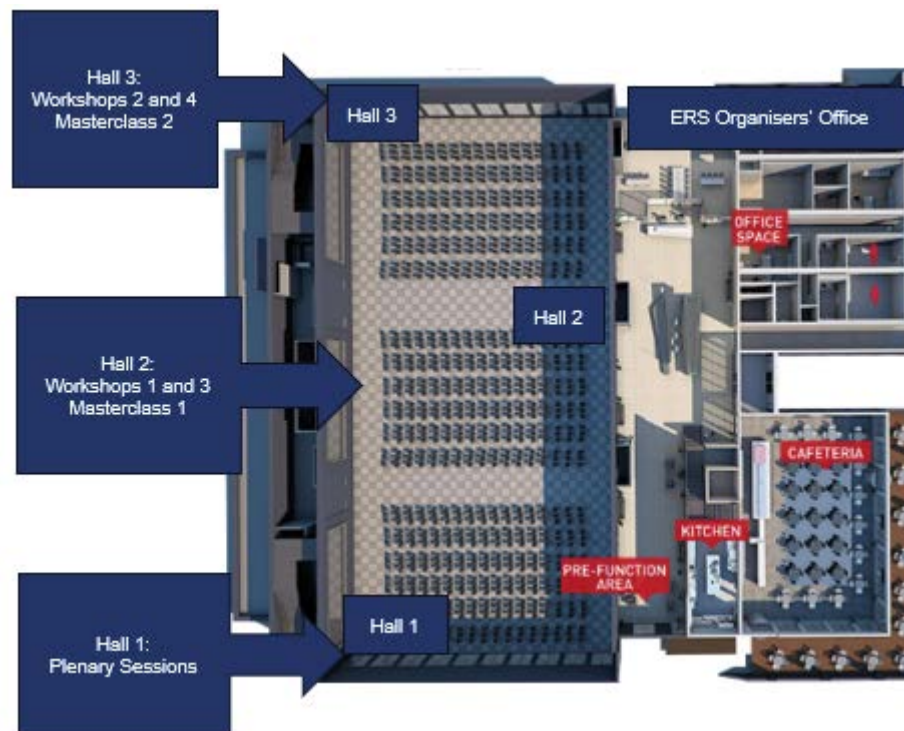
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Seminar Venue:

The Yas Marina Circuit Events Centre

Contact number: +971 (0) 2 6599 999



Welcome to the ERS 2024!

We are thrilled to host the 2024 Engineering Risk Seminar. Over the course of two days, ERS 2024 will provide an exploration of risk engineering at the heart of the energy transition in the Energy & Power sector. Participants can anticipate thought-provoking presentations, panel discussions, and workshops delivered by industry pioneers, experts, and innovators.

From delving into energy security, climate resilience and energy transition, participants will gain valuable insights and practical knowledge.

With a focus on fostering resilience, participants can look forward to learning about cutting-edge practices, benchmarking approaches, and digital transformation initiatives that drive operational excellence, including strategies to enhance climate resilience and embrace sustainability imperatives.

The seminar will also provide a unique platform for networking, collaboration, and knowledge sharing among regional and international professionals, facilitating meaningful connections and opportunities for mutual growth.

Thank you to our sponsors:



Agenda

Day 1 – Wednesday, 7th February 2024

Registration

To pick up your ERS 2024 badge, please stop by the registration desk on the Yas Circuit Conference Centre on Wednesday, 7th February starting from 8:30 AM.

Delegates arriving the day prior may collect their badges on Tuesday, 6th February, from 16:00-18:00PM.

9:00AM – 10:15AM Workshops 1 & 2

Workshop 1 – 9:00AM to 10:15 AM

Room: Hall 2

Learning from the 100 Largest Losses: Insights into Risk Management in the Energy Industry

Marsh launches the 28th edition of the 100 Largest Losses in the Energy Industry. The report includes details of the costliest incidents in the energy industry, and is an opportunity to revisit lessons from the past. It allows us to look back at the industry's history, identify key issues and trends from large losses, and understand whether the industry is making progress on improving operations and risk management practices.

Speakers:

Jenni Morrison, Risk Data Analytics Specialist, Marsh

Peter Bunce, Risk Engineer, Marsh

Workshop 2 - 9:00AM to 10:15AM

Room: Hall 3

Managing Risks and Business Interruption

This workshop will discuss managing risks in BI and will focus on the fundamentals of Business Interruption. Further, the workshop will cover factors influencing Business Interruption exposures - exploring influences on Business Interruption exposures in the Middle East - and quantifying BI risks in a complex system.

Speakers:

Rachel Ramskill, BI and Emerging Risks Engineering Leader – IMEA, Marsh

Grace McLean, BI Risk Engineer, Marsh

10:45-12:00PM Workshops 3 and 4

Workshop 3 (10:45AM-12:00PM)

Room: Hall 2

Digital Manufacturing and Associated Risks

Leveraging technology for operational excellence involves effectively applying digital tools to optimize engineering and risk management processes. Participants to this workshop will develop an understanding of the process in identifying, implementing and integrating relevant technologies, ensuring enhanced efficiency, data-driven decision making and proactive risk mitigation within their operational frameworks.

Speakers:

David Causi, Head of Engineering Consultancy and Analytics – IMEA, Marsh

Stefano Mazzoni, Professor of Energy Conversion Systems and Turbomachinery at University of Rome Tor Vergata

Francisco Caparrós Quiles, Reliability Engineer, ILBOC

Workshop 4 (10:45AM-12:00PM)

Room: Hall 3

The Role of Risk Engineering in KSA 2030

In the context of Saudi Arabia's 2030 Vision for the Oil & Gas industry, Risk Engineers play a pivotal role in ensuring the sector's sustainability and resilience. By proactively identifying and mitigating operational, environmental, and geopolitical risks, they contribute to the industry's growth, safety, and long-term strategic objectives.

Speakers:

Matthew Day, KSA Engineering Leader, Marsh

Salman Ibrahim, Risk Engineer, Marsh

Ahmed Al-Buaimi, Risk Engineer, Marsh

12:00 – 13:45 Lunch at the Yas Event Centre Canteen

Engineering Risk Seminar

(Room: Hall 1)

13:45-14:00

Opening Remarks

Guy Bessis, Managing Director, Marsh

14:00-14:30 It is not by Chance: Risk Culture

An effective risk culture is crucial for the success and sustainability of a business. It promotes proactive risk management, informed decision-making, and accountability throughout the organization. By fostering a culture of risk awareness and responsibility, businesses can identify and mitigate potential risks, make informed choices, and continuously improve their risk management practices.

Speaker:

Rosario Pistorio, CEO, SRI

14:30-15:00

Enhanced Technology for Loss Prevention - Next Frontier for Heater Management

Risk-based maintenance strategies are essential for energy operators to maximize asset integrity. By prioritizing maintenance activities based on risk levels, operators can allocate resources effectively and focus on critical assets that pose the highest risk. This approach helps minimize downtime, reduce costs, and ensure the long-term reliability and performance of energy infrastructure.

Speaker:

Marco Van Pinxteren, Head of Asset Integrity, Sabic Center of Excellence, Sabic

15:00-15:30

Risk Engineering Benchmarking to Ensure Effective Risk Control

Risk engineering benchmarking is a valuable tool for ensuring effective risk control within an organization. By comparing risk management practices and performance against industry standards and best practices, organizations can identify areas for improvement and implement targeted risk control measures. This process helps enhance risk mitigation strategies, optimize resource allocation, and ultimately improve overall risk management effectiveness.

Speakers:

Mohamed Alsaqer, Senior Supervisor - Insurance, KNPC

Farah Shehab, Reliability Engineer, KNPC

Mariam Waleed, Reliability Engineer, KNPC

15:30-16:00

Networking Break

16:00-16:30

Learning from Losses

Creating a learning organization involves embedding lessons from losses in engineering and risk culture. By analyzing and understanding the root causes of losses, organizations can identify areas for improvement and implement corrective actions to prevent similar incidents in the future. This process fosters a culture of continuous learning, where lessons learned from losses are shared, integrated into standard practices, and used to enhance risk management strategies, ultimately improving overall organizational resilience and performance.

Speaker:

Jonathan Gavin, Senior Risk Engineer, Liberty Specialty Markets

16:30-17:00

Smart & Resilient Infrastructure

In this presentation, ACWA Power showcases its approach to engineering and risk management in the development of smart and resilient infrastructure. The session highlights ACWA Power's use of advanced engineering techniques, data analytics, and risk assessment methodologies to enhance project feasibility, reliability, and resilience.

Speaker:

Gareth Newcombe, Executive Director for Engineering and Center of Excellence at NOMAC

17:00-17:30

The Role of LNG in Energy Security: Process Safety Uplift

Advancements in LNG engineering have brought about significant innovations and improvements in the industry. From advancements in liquefaction and regasification technologies to enhanced safety measures and risk management practices, these developments have enabled more efficient and secure handling of liquefied natural gas, ensuring the safe and reliable supply of this valuable energy source.

Speaker:

Hilal Al Yahyai, Lead Process Technical Safety Engineer, Oman LNG

18:30-21:00

Delegates are invited to join us for a Welcome Reception and Dinner at the W Hotel, Yas Island

Day 2 – Thursday, 8th February 2024

(Room: Hall 1)

9:00-9:15

Day 2 Opening Remarks

Speaker:

William Beach, Energy & Power Practice Leader - IMEA, Marsh

9:15-9:45

The Role of Risk Engineering in Climate Resilience within the Middle East

Risk engineering plays a crucial role in enhancing climate resilience within the Middle East. By conducting comprehensive risk assessments, developing mitigation strategies, and implementing resilient infrastructure and systems, risk engineers help the region adapt to the challenges posed by climate change, such as extreme weather events, water scarcity, and rising temperatures, ensuring the long-term resilience in the face of a changing climate.

Speaker:

David Kelly, Climate Resilience Advisory Leader, Marsh

9:45-10:15

Oil to Chemical

The Oil to Chemical (O2C) process plays a significant role in the energy transition, as it enables the conversion of crude oil into higher-value chemicals and products, reducing reliance on traditional fuel sources. The SATORP AMIRAL project exemplifies this transition by implementing advanced O2C technologies, optimizing resource utilization, and reducing carbon emissions, contributing to a more sustainable and diversified energy landscape.

Speaker:

Franky Smisaert, VP AMIRAL Project, SATORP

10:15-10:45

Networking Break

10:45-11:30

Insurers' Discussions

A panel discussion brings together experts from the insurance industry to share insights and discuss emerging trends and challenges in the insurance market. This interactive session allows participants to gain valuable knowledge about insurance products, risk management strategies, and the evolving landscape of insurance in the context of risk engineering.

Speaker:

Nick Holland, Deputy Head of Engineering - IMEA, Marsh

11:30-12:00**Is Hydrogen the Future?**

Hydrogen in the energy sector carries new risks that need to be considered in the context of the energy transition. With appropriate risk management measures and advancements in technology, hydrogen can play a significant role in the energy transition by offering a clean and versatile energy source that can help decarbonize various sectors of the economy.

Speakers:

Secil Torun, Vice President – Engineering and Technical Management, ENGIE

Christoph Comte, Senior Vice President Business Development – Hydrogen, ENGIE

12:00-12:15**Closing Remarks**

William Beach, Energy & Power Practice Leader - IMEA, Marsh

12:15-14:00 Lunch at the Paddock Suites

14:00-15:30 Masterclasses

Masterclass 1: Cyber Resilience in Engineering (Room: Hall 2)

This presentation delves into the growing importance of cyber resilience within engineering practices, particularly in the energy and petrochemical sectors. Experts address the evolving cyber threats faced by critical infrastructure, such as power plants, refineries, and industrial facilities. The session highlights the vulnerabilities that arise from the increasing digitalization and interconnectivity of systems.

Speakers:

Pepijn Dejong, Head of Cyber Risk Consulting – IMEA, Marsh

Naofel Nasim, Vice President – Cyber Risk, Marsh

Peter Clayton, Risk Engineer, Marsh

Masterclass 2: Increased NatCat Risks in the Middle East (Room: Hall 3)

This Masterclass will examine the heightened risk of natural catastrophes in the Middle East and how engineering solutions can play a pivotal role in mitigating these challenges, ensuring a more resilient future for the region.

Speakers:

Ernest Eng, Head of Analytics – IMEA, Marsh

Mark Shipley, Risk Engineer, Marsh

Speakers Profiles

Guy Bessis

Marsh

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Guy Bessis is a senior member of the Marsh Energy and Power Practice global executive management. He has specific responsibility for Sales and Business Development for the Practice on a global basis.

His insurance career commenced as an Underwriter with Royal Insurance in Paris and joined Sedgwick in London specializing in Onshore Energy in 1982.

Guy has over 40 years insurance experience and has been a contributor to many conferences including Federation of European Risk Managers Association (FERMA), OPERA (Oil and Petrochemical and Energy Risk Association) and FIDES (Latin American Insurance Association) and leads the organization of the bi-annual Marsh Energy Industry Conference.

Through his involvement with major Energy placements, Guy has become one of our OIL specialists, helping to optimize specific entries into the mutual as well as designing commercial markets solutions around OIL.

After more than 30 years in the London market, Guy is now based in Dubai assisting with the growth of our Energy and Power portfolios in the MEA region as well as overseeing the Energy & Power Practice development around the world.

William Beach

Marsh

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William Beach started his insurance career in 2005 with Robert Flemings as part of their new Energy Division. There, his role included client servicing and marketing for a global range of Upstream and Downstream Energy clients.

He joined Marsh in November 2008 as a member of the Construction Team and was the lead broker on a broad spectrum of accounts focusing on complex Construction projects. Specialising in analysis, placement and on-going service William developed excellent worldwide market relationships.

William joined the Marsh Dubai team in September 2012 as a broker and client executive where he was responsible for the design and execution of insurance placement services for a number of core MENA based clients right across the Energy value chain including refineries, petrochemical facilities, power plants, exploration & production assets as well as drilling units.

In 2016 William was promoted to lead the Energy & Power Placement team where he was responsible for all Energy & Power placement activities in Marsh's Dubai Hub driving complex global placements.

In June 2020 William became the Practice Leader for the Energy & Power Middle East & Africa team where he is responsible for leading a diverse team of placing brokers, clients executives, risk engineers and claims consultants. In 2023 the region was expanded to include India becoming the Energy & Power leader for Marsh's new IMEA region.

Jenni Morrison

Marsh

Jenni.Morrison@Marsh.com

Jenni Morrison is a Risk Data Analytics Specialist working within the Risk Engineering team to advance the team's data analytics capabilities and data-driven client services. Jenni holds a Master's degree in Chemical Engineering and a Master's degree in Data Analytics.

Peter Bunce

Marsh

Peter.Bunce@marsh.com

Peter Bunce is a Senior Risk Engineer for Marsh based in Abu Dhabi, and a Fellow of the IChemE. Peter has worked in the energy industry for 20 years, starting his career working for an EPC contractor working on the design and construction of world-scale projects through Upstream, Downstream and LNG. Peter then spent a decade working for one of the oil Supermajors in a range of technical, operational and leadership roles. Peter joined Marsh in 2021 and is responsible the delivery of risk management services to major regional clients including providing specialist deep dive services in Operations and PHA.

Rachel Ramskill

Marsh

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Rachel Ramskill is Business Interruption & Emerging Risk Team Leader for Middle East. Rachel graduated university with a First Class degree in Chemical Engineering. Rachel started her career in 2014 working for a oil refinery located in the UK, where she undertook a range of technical and economic focused roles. Rachel joined Marsh in 2020 working within the Energy & Power Team as a Risk Engineer based in Dubai. In her current role, Rachel is responsible for executing complex BI reviews for global clients as well as managing the talent, pipeline, strategy and growth of the BI team in the Middle East.

Grace McLean

Marsh

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Grace McLean is a VP Risk Engineer based in Dubai, specializing in Business Interruption (BI). She holds a first-class honors degree in chemical engineering. Grace spent nine years working in the UK refining industry before joining Marsh in 2021. Her prior roles in the

industry covered both technical, operational and commercial aspects. Since joining Marsh, Grace has been responsible for conducting complex BI reviews for global clients, assessing BI risk exposure and evaluating potential exposures for loss scenarios. Her background in chemical engineering and hands-on industry experience contribute to her ability to analyze and address the intricate challenges associated with Business Interruption.

David Causi
Marsh

David.Causi@marsh.com

David Causi is a Mechanical Engineer taking his master degree in Italy during 2010. David commenced his career at ExxonMobil working in different refineries located between Italy, France and UK. During this period, he was covering different roles between Inspection/Asset Integrity, Turn-Around and Operation. In January-2018, David moved out the operational branch of the Oil&Gas industry, starting his experience in consultancy. He joined WTW in London as Risk-Engineer conducting risk engineering survey to Oil&Gas client's assets, covering property damage, machinery breakdown and business interruption assessments. David joined Marsh in Dubai in January-2019, as risk engineer with main responsibilities associated to conduct underwriting surveys, carrying out project reviews, performing deep dive assessment on both Inspection and Operation. He has served client in the middle east and as well client global based, across the Oil&Gas, Petro Chemical and Power industry. Along his career in Marsh, David took the responsibility of the Deep Dive program globally for Marsh Energy & Power at the beginning of 2020, and recently, at the beginning of 2023, he also assumes the leadership of the Engineering Analytics Team for the IMEA region, and the recently launched new offer from Marsh about Engineering Consultancy.

Matthew Day
Marsh

Matthew.Day@marsh.com

Matthew Day manages an engineering team based in Al-Khobar, Saudi Arabia, that specialises in risk identification, mitigation and reducing the total cost of risk. His team includes highly qualified industry experts with hands-on experience in design, construction, operation, and decommissioning across a broad range of multinational manufacturing asset types. He blends chemical, mechanical, electrical, construction and data analytics engineers together to provide a complimentary service that provides operational and construction insurance risk engineering consultancy directly to operating companies as well as (re)insurance underwriters.

Prior to joining Marsh, Matt spent 11 years working at Fawley Refinery & Petrochemical Plant (ExxonMobil) in the UK. He started in technical optimisation and troubleshooting roles, maximising profitability on naphtha reformers units and initiating projects to improve reliability. He then progressed to supply coordination, setting the unit throughputs and operating parameters to meet product demands. This included leading the entire coordination team, working with international stakeholders to optimise global supply balances. His next role involved leading site reliability, completing RCFA, setting and optimising the maintenance budget and managing the worklist for an \$85m turnaround. Finally, Matt was operations supervisor, looking after a team of over 40 operations personnel

and four process units, including managing equipment failures, EHSS concerns and general risk management.

Since joining Marsh in 2022, Matt has been leading risk engineering and construction surveys for large, complex assets, both within the Kingdom and globally. He is also the subject matter expert for Hydrogen in the region.

Ahmed Al-Buaimi

Marsh

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Ahmed Al-Buaimi has over 28 years of diverse experience in the Petrochemical Industry. He graduated from the Jubail Industrial College and has held various roles, including plant manager. Ahmed also holds a Bachelor's degree in Information Technology and Computing systems.

Throughout his career, Ahmed has held various Operations Management roles across multiple SABIC affiliates. He has been involved in the development and implementation of several SHEMs (Safety, Health, Environment, and Management Systems) systems. Ahmed has worked in Methanol, H₂, ASU, Cumene, Phenol, Methyl Methacrylate monomer, and utilities manufacturing facilities, gaining extensive experience in primary, secondary, and tertiary petrochemicals manufacturing.

Ahmed has been engaged in various assignments throughout his career, including commissioning new plants and plant revamps, developing and reviewing Business Continuity plans, Risk Management Programs, investigations, audits, Operation Excellence, Reliability of Excellence, and the development and enhancement of work processes. He has a strong background in a wide variety of petrochemical technologies and has expertise in start-up new company, commissioning, start-up new facilities, and the operation of manufacturing facilities. Ahmed also has experience in process safety management systems and loss prevention principles.

Ahmed has been with Marsh for a year and has a total of 27 years of industry experience. His extensive knowledge and expertise make him a valuable asset to the team.

Salman Ibrahim

Marsh

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Salman Ibrahim P.E. is a power risk engineer and a member of the Marsh team in KSA. He graduated with a degree in Mechanical Engineering. Salman began his career in 2003, working for various power plants in Egypt. During this time, he held a range of operational and technical roles, gaining valuable experience in the field.

In 2011, Salman moved to KSA and joined the SEC south region HO operations and performance monitoring department. He later joined ACWA Power, where he worked in several roles at a power plant RPC. His journey at ACWA Power culminated in his position as a senior technical and reliability manager.

Salman joined Marsh in 2022 and is currently a Risk Engineer within the Energy & Power Team, based in KSA. In his role, Salman is responsible for conducting surveys for several clients in the Middle East.

David Kelly

Marsh

David.Kelly01@marsh.com

David Kelly is a Senior Management Consultant in Marsh Advisory (UK) and leads on climate resilience, sustainability and ESG. Recently, David has worked with a broad range of clients from the energy sector, assessing climate risk and developing ESG Strategy.

Nick Holland

Marsh

Nick.Holland@marsh.com

Nick Holland joined Marsh in 2016 as a Risk Engineer based in Dubai, following 8 years industrial experience with ExxonMobil. During his time at Marsh he has held a variety of roles associated with strategically advising on conventional as well as emerging technical risks for the energy & power industry. His current role is Deputy Regional Leader for the India and Middle East (IME) Risk Engineering team. Nick previously built and managed risk engineering teams based in Khobar, Saudi Arabia as well as launching a Business Interruption & Analytics engineering practice for the region. He is a recognised senior partner for IOCs, NOCs, Multinational Petrochemicals, Power and Heavy Industrials to optimize their total cost of risk.

Pepijn Dejong

Marsh

Pepijn.Dejong@marsh.com

Pepijn Dejong is the Cyber Risk Consulting Leader within Marsh Advisory in the Middle East and North Africa (MENA). Pepijn has more than 15+ years of experience in managing and delivering various engagements in the area of business transformation, cybersecurity, and governance, risk & compliance programs. With strong expertise in Operational Technology (OT), Pepijn has led numerous assessments pertaining to OT Cybersecurity across the Middle East, especially in the energy sector.

Naofel Nasim

Marsh

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Naofel Nasim is a Vice President in the Cyber Risk Consulting practice of Marsh, based in Riyadh. Naofel oversees the delivery of Cyber Risk Consulting (CRC) projects for clients in the region, covering Cybersecurity Governance, Risk and Compliance for Information Technology (IT) and Operational Technology (OT). He leads engagements pertaining to review and implementation of ISO 27001, IEC/ISA 62443 and KSA's NCA framework, as well as

application controls, digital transformation and process automation. With more than 9 years of experience, Naofel has successfully led and delivered engagements across multiple geographies, supporting large-scale clients with cybersecurity transformations and regulatory compliance.

**Peter Clayton
Marsh**

Peter.Clayton@marsh.com

Peter Clayton has more than 7 years of experience as a Chemical Engineer, working for ExxonMobil and Mitsubishi Chemical Company prior to joining Marsh in 2022. He currently provides Risk Engineering services for multiple clients in the IMEA region and across the globe. His Technical and Operational background allows him to help clients understand the extent of risk exposure in the event of a cyber attack.

**Ernest Eng
Marsh**

Ernest.Eng@marsh.com

Ernest Eng is Head of Analytics for Middle East & Africa with over 20 years of insurance analytics experience, and is also responsible for specialty advisory for the Middle East. Ernest is a Fellow of the Institute of Actuaries, UK.

**Mark Shipley
Marsh**

Mark.Shipley@marsh.com

Mark Shipley has more than thirty five years' varied experience in power generation, marine and process industries, providing technical leadership in risk assessment, asset management strategy, refurbishment investment and maintenance planning, survey and inspection, and plant integrity analysis. He has a wide range of experience including rotating equipment, electrical systems, pressure parts and balance of plant. Having held several positions with operators of thermal, renewable and hydroelectric generation assets, Mark entered the insurance industry in 2015, joining Marsh, where he has been involved in survey activities and development of risk engineering tools to support placement of power projects including offshore wind, HVDC subsea interconnectors, solar and other assets. Mark is a Chartered Engineer in the UK and licensed as a Professional Engineer in North America.

Stefano Mazzoni
University of Rome, Tor Vergata

Prof. Stefano Mazzoni, PhD is currently serving as a Professor of Energy Conversion Systems and Turbomachinery at the Department of Industrial Engineering of the University of Rome Tor Vergata.

His journey in academia and industry has been both diverse and enriching, indeed the experienced gained over the last decade allowed him to be recognized and appointed in 2023 as Expert Committee Member by the Italian Government Presidency of the Council of Ministers for the evaluation of environmental and energy security policies, in cooperation with the Minister of the Environment and Energy Security.

Between 2022 and 2023, he had the privilege of being the Chief Technology Officer (CTO) at a dynamic startup called MEDS, where he played a pivotal role in shaping the company's technological landscape. Prior to that, from 2016 to 2022, he held the position of Senior Research Fellow at Nanyang Technological University in Singapore, allowing him to delve deep into cutting-edge research and innovation.

Throughout his career, he has also had the honour of working as a consultant for renowned organizations such as Amazon, Shell, and the Italian Government.

His expertise lies in several key areas, including Gas Turbines and Combined Cycles, Concentrated Solar Power, Optimization, and Decarbonization of Multi-Energy Systems. he is passionate about leveraging his knowledge and experience to contribute to the advancement of these fields and address the pressing challenges of our time.

Francisco Caparrós Quiles
ILBOC

Francisco Caparrós is a chemical engineer from the Polytechnic University of Cartagena. During his more than 20 years of experience he has worked for electric power generation technologies such as nuclear, CCGT, Hydro and in Oil and Gas providing engineering services focused on mechanical integrity and inspection of pressure equipment. Currently, his role at ILBOC as reliability engineer is responsible for driving and managing reliability processes throughout the asset lifecycle with a focus on operational discipline and inspection strategies using emerging technologies. He is continuously seeking to expand his knowledge and skills, aiming to stay at the forefront of industry.

Rosario Pistorio
SRI

Rosario Pistorio is highly experienced in the Oil industry with a background of almost 20 years spent in operations and supply departments as well in regional Headquarters.

Since December 2018 Rosario Pistorio is the CEO of Sonatrach Raffineria Italiana. The company owns and operates one of the largest and most complex refinery in Italy, European leader in BaseOil and Bitumen supply. Its production and distribution system counts on 4 sites with more than 700 employees.

Rosario Pistorio is also the Vice President of UNEM (Italian National Oil & Energy Industry Association).

Marco Van Pinxteren
Sabir

Marcus Van Pinxteren is an Integrity and Safety Engineer with over 30 years' experience in Chemical Industry, Oil & Gas Exploration & Production and Natural Gas Distribution Branches with focus on Process, Integrity, Safety, Health and Environment. He is working for SABIC Jubail Center of Excellence. Marcus is a practical guy, with broad interest, seeking to understand how things work, integrate and apply it, ranging from programming to psychology, science to religion, economics to history and health to nature.

Mohammad Alsaqer
KNPC

Mohammad Alsaqer is accomplished and highly experienced in the insurance industry with a background working for both insurance companies as an underwriter and energy account manager for over eight years. Within the refining industry Mohammed has been an Insurance Supervisor for over eight years.

Since joining Kuwait National Petroleum Company (KNPC), Mohammad handled all the company's non-life insurance claims, and supervised the company & contractors insurance policies and involved in the coordination of the Market Risk Engineering surveys.

Mohammad Alsaqer holds a bachelor's degree in civil engineering from University of Louisiana in 2005, Associateship in the Chartered Insurance Institute (ACII) in 2009, and Master of Business Administration from American University in the Middle East in 2011.

Mariam Waleed
KNPC

Mariam Waleed is a mechanical engineer with 12 years of experience in the downstream industry. Throughout her career, she has held various roles including procurement engineer, mechanical maintenance engineer, and maintenance & planning engineer. Currently, Mariam serves as a Reliability Engineer at the Mina Al-Ahmadi Refinery.

In her role as a Reliability Engineer, Mariam is responsible for ensuring the reliability and efficiency of equipment and systems at the refinery. She is also certified as a Root Cause Analysis Facilitator and Trainer, providing expertise in identifying and addressing the underlying causes of equipment failures and operational issues. Additionally, Mariam is involved in risk engineering activities and plays a key role in coordinating communication meetings.

Farah Shehab
KNPC

Farah Shehab, a Reliability Engineer, has been working at Kuwait National Petroleum Company for nine years. For the past three years, Farah has played a pivotal role in the Risk Engineering activities of Mina Abdullah (MAB) Refinery, aiming to continuously elevate MAB Refinery's Risk Engineering performance and ensure the highest levels of safety and reliability within its operations. Through her meticulous analysis, proactive planning and collaborative efforts with the Refinery's teams, MAB Refinery has been able to obtain an excellent position in the top quartile in Marsh's Risk Quality Benchmarking for the following categories: Global Energy, Global Refining, and Middle East Refining peer group. In addition, MAB Refinery currently holds the highest risk rating score in Kuwait Petroleum Corporation (KPC) subsidiaries' history and had secured the highest improvement rate in risk rating score in KPC subsidiaries' history in 2022.

Prior to her work in Reliability and Risk Engineering, Farah worked as a Mechanical Design Engineer in the same Company. She is currently pursuing a second degree in law and is interested in energy, law, and data analytics.

Jonathan Gavin
Liberty Specialty Markets

Jonathan Gavin is the Vice President of Risk Engineering for Liberty Specialty Markets based in Dubai. In this capacity he is responsible for supporting regional and international clients in the area of loss prevention and working closely with Underwriters to understand risk quality and advise on risk selection.

Jonathan started his career working for the licensor Davy Process Technology. This involved design, pre-commissioning and commission of petrochemical facilities across a wide range of different technologies. As part of this role, Jonathan was heavily involved in the specification of the safety systems as well as design safety reviews. He spent four years working in China managing the Engineering Technical Team providing operations and technical guidance to over 60 licensees as well as leading post incident investigations.

Jonathan moved to the Middle East in 2016 and since this time has worked as a Risk Engineer for Marsh and the Risk Engineering Manager at Zurich Insurance Company prior to joining Liberty. He has travelled extensively throughout the region visiting a large number of different clients as part of comprehensive Loss Prevention Services offered by the Insurance community.

Gareth Newcombe
ACWA

Gareth Newcombe is an Executive Director with 23 years of experience covering Gas Turbine equipment, with roles ranging from Engineering Apprentice to Chartered Technical Authority. Gareth has proven track record in developing value-added strategies, optimising the cost, risk and performance of international scale asset portfolios within the Power Generation sector. Currently charged with establishing the corporate engineering risk management function whilst acting as the Gas Turbine SME covering a portfolio of 44 power

and water projects over 13 countries, including CCGT, Conventional Oil & Coal, Solar PV, CSP trough & tower and Reverse Osmosis.

Hilal Al Yahyai
Oman LNG LLC

Hilal Al Yahyai works for Oman LNG as a Lead Technical Process Safety Engineer with an extensive operating and engineering experience in LNG industry since 1999 and have had various roles in operations including senior shift supervisor, instructor, technical services and Technical Process Safety role currently.

Hilal is going to present about: Oman LNG Process Safety uplift Program and the significance of process safety in the oil and gas industry.

Franky Smisaert
SATORP

Franky Smisaert is Vice President Petchem Manufacturing for the Amiral Project since 2020. Before that he was Site General Manager of the TotalEnergies Platform of Carling in France. Since joining the TotalEnergies Company in 1990, Franky has gained a variety of experience in projects, operations and corporate roles. Franky started as a process and operations engineer for about 7 years followed by a position of business team leader at the Antwerp site of TotalEnergies in Belgium. After the successful completion of the NC2X debottlenecking project, he was appointed venture manager of the BASF-TotalEnergies Platform in Port Arthur TX in 2005. In 2008 he became project manager of the Arzew Petrochemicals Project (Algeria). In 2009 he moved to Qatar where he worked as a start-up manager of the RLOC project. His next position was Director of the Polypropylene plant in Feluy (Belgium) followed by the position of Project Development Director for Asia within the TotalEnergies Refining and Chemicals branch. In 2013 he was appointed Project Director of the reconversion project of the Carling platform in France. He became General Manager of that site in 2016 for a period of 4 years.

Secil Torun
ENGIE

Secil Torun joined ENGIE in 1997 and occupied different positions related to natural gas infrastructures (transmission pipelines and liquefied natural gas 'LNG').

She joined as Vice President - Engineering and Technical Project Management ENGIE Asia-Middle East-Africa (AMEA) office to develop hydrogen and power-to-X projects.

She was previously Hydrogen lab team leader at ENGIE Lab CRIGEN supervising her collaborators' research activities all along the hydrogen chain and coordinating hydrogen and power-to-X R&D developments. She participated in 12+ European collaborative projects. Secil Torun is a mechanical engineer graduated from Ecole Nationale Supérieure de Techniques Avancées de Paris (France). She holds a master in industrial organizations from Paris-Dauphine University.

Christophe Comte
ENGIE

Christophe Comte has more than 20 years' experience in utilities markets developing projects and solutions to support growth and innovation in sustainable development. He has been actively involved in the development of Hydrogen projects for ENGIE in France and Middle East since 2019 and was earlier in charge of origination and development of renewable energy projects in Asia Pacific including notably of the closing of two large geothermal projects in Indonesia representing an investment of about USD 1.3 B.

Earlier Christophe held various management positions within SUEZ group including President Director of the water concession company of western Jakarta and Managing Director in charge of all water activities in Australia and New Zealand.

Christophe holds an MBA from HEC Business School, France, a Post-graduate degree in Materials Sciences and graduated as Chemical Engineer.

Delegates

Company	Country
ACWAPower	Saudi Arabia
Adamjee Insurance	Pakistan
Abu Dhabi National Oil Company (ADNOC)	United Arab Emirates
ADNOC Distribution	United Arab Emirates
ADNOC Drilling	United Arab Emirates
ADNOC Gas	United Arab Emirates
ADNOC Offshore	United Arab Emirates
ADNOC Refining	United Arab Emirates
Advanced Petrochemical Company (APC)	Saudi Arabia
AIG	United Arab Emirates
Airliquide	United Arab Emirates
AKD Securities Limited	Pakistan
AL Madina Takaful Insurance	Oman
Al Rajhi Takaful	Saudi Arabia
Al Wetaid	Saudi Arabia
Algerian Qatari Steel AQS	Algeria
Al-Maseer Insurance Co Ltd	Iraq
Al Othman Holding	Saudi Arabia
Arabian Drilling	Saudi Arabia
Archirodon Construction (Overseas) Company Limited - Abu Dhabi	United Arab Emirates
ARCHIRODON NV	Greece
ARMA Underwriting Ltd	United Arab Emirates
Aspire Underwriting agency Ltd	United Arab Emirates
Bahri	Saudi Arabia
CAAT Assurances	Algeria
CASH Assurances SPA	Algeria
CCR	Algeria
Central Power Purchasing Agency	Pakistan
Crescent Petroleum	United Arab Emirates
Dolphin Energy	United Arab Emirates
DP World FZE	United Arab Emirates
Dubai Petroleum Establishment	United Arab Emirates
Dutco Balfour Beatty	United Arab Emirates
Egypt Basic Industries Corporation	Egypt
Egyptian Refining Company	Egypt

Company	Country
Electricity Generation Company Bangladesh	Bangladesh
Electricity Holding Co. SAOC	Oman
Emirates Global Aluminium - EGA	United Arab Emirates
Emirates Insurance Company	United Arab Emirates
Emirates Steel Industries	United Arab Emirates
ENGIE	France
ENGIE Middle East South Central Asia Turkey & Africa	United Arab Emirates
ENGIE- Uch Power (Pvt) Ltd	Pakistan
Engro Corporation Limited	Pakistan
Engro Polymer & Chemicals	Pakistan
Eurochem	United Arab Emirates
EWEC	United Arab Emirates
Fatima	Pakistan
Fertiglobe Egypt	Egypt
Fertiglobe PLC	United Arab Emirates
FERTIL	United Arab Emirates
GIG Bahrain	Bahrain
GIG Egypt	Egypt
Hub Power Co. Ltd (HUBCO)	Pakistan
Ibn Zahr	Saudi Arabia
IFFCO	United Arab Emirates
ILBOC	Spain
Integra	United Arab Emirates
International General Insurance - IGI	United Arab Emirates
J. Ray McDermott	United Arab Emirates
Jordan Bromine	Jordan
K-Electric	Pakistan
KIPIC - KPC	Kuwait
KNPC	Kuwait
KOC	Kuwait
Kohinoor Energy Ltd	Pakistan
KPC	Kuwait
Kuwait Reinsurance Co.	Kuwait
Liberty Specialty Markets	United Arab Emirates
Lloyd Warwick International	United Arab Emirates
Ma'aden Aluminium Company	Saudi Arabia
Ma'aden Waad Al Shamal Phosphate Company	Saudi Arabia
MARAFIQ	Saudi Arabia
MASEN (Moroccan Agency for Sustainable Energy)	Morocco
Misr Insurance Company	Egypt
Mitsui	United Arab Emirates

Company	Country
MOL Pakistan Oil & Gas Co. B.V.	Pakistan
Mubadala Energy	United Arab Emirates
Munich Re	Germany
Nama Water Services	Oman
National General Insurance Co (NGI)	United Arab Emirates
Neom Green Hydrogen Co.	Saudi Arabia
NMDC GROUP	United Arab Emirates
North Oil Company	Qatar
Oman Electricity Transmission Company	Oman
Oman LNG	Oman
Oman Methanol Company L.L.C.	Oman
Onezstar	Oman
OQ Exploration and Production	Oman
OQ SAOC	Oman
OQIC	Oman
OQ-SLL Methanol	Oman
OTTCO	Oman
Petroleum Development Oman	Oman
Petrorabigh	Saudi Arabia
Pipeline Infrastructure Ltd.	India
Power Cogeneration Plant Company	Saudi Arabia
Punjab thermal power pvt. limited	Pakistan
QAPCO - Qatar Petrochemicals Company	Qatar
Quaid e azam thermal power pvt ltd	Pakistan
Rooppur Nuclear Power Plant Project, Bangladesh Atomic Energy Commission	Bangladesh
Sadara Chemical Company	Saudi Arabia
SATORP	Saudi Arabia
Saudi Arabian Oil Company	Saudi Arabia
SAUDI ARAMCO ROWAN OFFSHORE DRILLING COMPANY "ARO DRILLING "	Saudi Arabia
Saudi Basic Industries Corporation (SABIC)	Saudi Arabia
SECMC	Pakistan
Shamal Az-Zour Al-Oula	Kuwait
Sharjah Hamriyah Indipendant Power Co.(SHIPCO)	United Arab Emirates
SIPCHEM	Saudi Arabia
SOCAR	Turkey
Société Centrale de Réassurance	ALGERIA
Sonangol Pesquisa e Produção	Angola
Sonatrach Raffineria Italiana S.r.l.	Italy
SONELGAZ	Algeria

Company	Country
SORFERT Algeria Ammonia & Urea Fertilisers	Algeria
SPARK	Saudi Arabia
Strategic and Precious Metal Processing LLC	Oman
Sukoon Insurance	United Arab Emirates
Tanajib Cogeneration Power Company	Saudi Arabia
TAQA	United Arab Emirates
TAQA Morocco	Morocco
Tasnee	Saudi Arabia
Tatweer Petroleum Bahrain Field Development Company	Bahrain
Taweelah RO Desalination Company LLC	United Arab Emirates
Tawuniya	Saudi Arabia
Tema Oil Refinery (TOR) Ltd	Ghana
Triangle Ventures Pvt. Ltd.	Pakistan
Trust Re	Bahrain
UBL Insurers	Pakistan
Uch Power Limited	Pakistan
University of Roma Tor Vergata	Italy
VM Marine International Ltd	United Arab Emirates
Volante (DIFC)	United Arab Emirates
Walaa Cooperative Insurance Co.	Saudi Arabia
Yanbu Cement Company	Saudi Arabia
YASREF	Saudi Arabia
ZEP RE	Kenya
Zurich Insurance Company Ltd	United Arab Emirates

Logistics

Advance Registration

Tuesday, 6th February from 4:00PM until 6:00PM on the **ground floor** of the Yas Marina Circuit Events Centre

Registration on Wednesday, 7th February starts from 8:30 AM at the Yas Marina Circuit Conference Centre

Lunch on Wednesday, 7th February at the Yas Circuit Events Centre Canteen

Delegates are invited to join us for lunch at the Yas Marina Circuit Conference Centre Canteen at 12:00 pm after which the seminar will begin.

Dinner on Wednesday, 7th February at the W Hotel

A cocktail reception will be held at the W Hotel Wet Deck at 6:30 PM and will be followed by dinner.

Lunch on Thursday, 8th February at the Paddock Suites

Delegates are invited to join us for lunch at the Paddock Suites next to the Yas Marina Circuit Conference Centre at 12:00 pm after which the seminar will begin.

THE SEMINAR VENUE

The seminar will be held in the Events (Conference) Centre at the Yas Marina Circuit, Yas Island Abu Dhabi.

Contact number: +971 (0) 2 6599 999

HOW TO GET THERE

FROM THE W HOTEL YAS ISLAND

The hotel is a 5 minute walk from the Yas Marina Circuit Events Centre.

From the W Hotel Drive Way, a foot bridge links to the Yas Marine Circuit Events Centre. Details (a map) will be available at the W hotel Concierge

IF YOU ARE DRIVING

Access to the circuit is by a purpose built 12 lane highway which can be accessed from the Sheikh Maktoum (E10) highway from Abu Dhabi, or the Sheikh Zayed (E11) highway from Dubai. Use the West Entrance and enter through Gate No. 20 where the Media Centre will be easily accessible.

ENTRY INTO THE YAS MARINA CIRCUIT

Delegates will be provided with a badge during registration. Please keep the badge with you for the duration of the seminar as it is required to enter the Yas Marina Circuit.

PARKING

Parking is available on site.

DRESS CODE

Weather forecast in February is an average of 25°C with highs of 25°C so please be aware of this. Our Welcome Reception and Dinner on 7th February will be held outside.

Suggested dress code is business casual.

CHECK IN INFORMATION FOR DELEGATES STAYING AT THE W HOTEL

Check in opens at 3:00 pm.

Delegates arriving on Tuesday 6th February before 3:00 pm may deposit their luggage at the Concierge Desk for safekeeping (luggage claim stubs will be provided).

Checkout is at 12:00PM. Late checkout is subject to availability and late checkout charges will apply. Please check with Reception for more information.

On-site contacts

For onsite assistance during the conference please contact:

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Sarah.Verzola@marsh.com

Zhara Solis

+971 50 726 2817

Zhara.Solis@marsh.com



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