

Held under the patronage of
His Excellency Dr. Mohamed bin Mubarak Bin Daina,
Minister of Oil and Environment,
Special Envoy for Climate Affairs, Kingdom of Bahrain



Ethylene Middle East Technology Conference

Gulf Hotel and Convention Centre, Bahrain

14-15 September 2022

The Definitive Meeting for Ethylene Professionals in the Middle East

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Message from the Chairman



The 4th Ethylene Middle East Technology Conference (EMET 2022) will take place on 14 -15 of September 2022 at the Gulf Hotel & Convention Centre, Kingdom of Bahrain.

EMET will once again bring together over 700 professionals looking to develop their technical knowledge and optimize their position in a fast-evolving ethylene industry through operational excellence, plant reliability, operational efficiency, and sustainability.

AIChE, the American Institute of Chemical Engineers, will work closely with me and other regional industry leaders to design and deliver a premium international conference program. Key industry trends and technical priorities relevant to our business will be addressed including in the areas of sustainability, big data, process safety, reliability, and capital efficiency to name a few.

As a result, the conference will provide a unique platform for networking between operators and owners, as well as product and service providers, to meet and understand the constantly evolving trends, technologies, products, and solutions to the challenges faced by the ethylene industry.

I invite you all to participate in the conference and I look forward to seeing you in Bahrain.

Abdel Hadi Al Suhaimi
Conference Chairman, EMET 2022
Executive President,
Saudi Chevron Phillips Company (SCP)
Jubail Chevron Phillips (JCP)

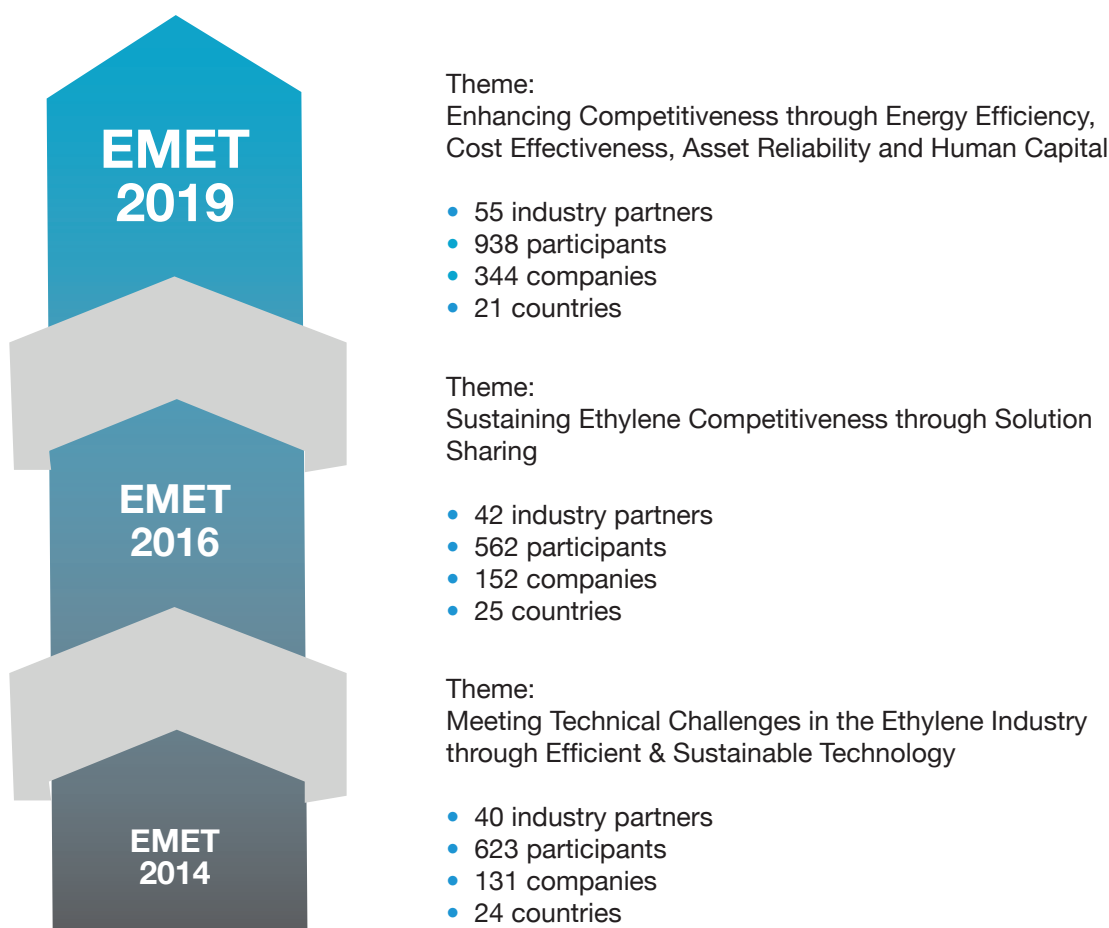


About EMET

Ethylene Middle East Technology (EMET) Conference is the event for professionals looking to develop their technical knowledge and optimize their position in the fast-evolving Ethylene Industry by increased operational efficiency, sustainability and excellence. Technical experts from all over the world share practical experiences, innovative ideas and strategies for reducing costs, maximizing return and creating value on issues related to planning, design, operation and maintenance.

Industry leaders and senior executives from the regional petrochemicals market, including producers, operators, owners, technology and solution providers, also join this gathering to discuss market challenges, new opportunities, evolving demand, long-term outlook and trade flows.

EMET through the years



Theme:

Evolving the Ethylene Industry through Efficient Operations and Effective Technologies

As the gathering for Middle East Ethylene producers and leading technology providers, EMET highlights best practices in operations improvement, digitalization, reliability and capital efficiency while keeping sustainability at the heart of all performance.

This conference will examine the ecosystem amongst engineering and operations teams, producers, and technology providers and enable producers to excel. The value of data analytics can maximize production and profitability, when used to its full potential, by providing effective business intelligence interface and synergistic use of machine learning and models for descriptive, predictive, prescriptive and diagnostic applications. Discussions will also include inherently safer designs, effective risk management, and process optimization.

Join us for two days of thought-provoking technical insights proudly developed by leading, global chemical producers.

Conference Topics in Focus



Addressing Sustainability Challenges

Goals, strategies, technologies and success stories that address critical sustainability issues in the petrochemical industry, including improvement in energy efficiency, reduction of air emissions (especially GHG emissions), minimization of water use/maximization of water reuse, and elimination of plastic waste.



Enhancing Reliability

Key reliability challenges, solutions and improvements in ethylene plant operations. Topics include equipment reliability, fouling, monitoring, feedstock, contaminants, run length and incidents with high learning value.



Application of a Big Data, Digitalization and Optimization

Technologies, strategies and successful implementations of AI, machine learning, process optimization and advanced control, including process intensification.



Capital Efficiency and Competitiveness

Case studies and insights on effective project development and execution, including reports of implemented projects that have increased profitability and enhanced competitiveness.



Mitigating Risk and Prioritizing Safety

Case studies and lessons learned involving ethylene-specific hazards.

EMET 2022 Conference at a Glance

Timings (Bahrain)	Wednesday 14 September 2022		Thursday 15 September 2022	Timings (Bahrain)
8:00 onwards	Registration		Registration	7:00 onwards
08:00 - 09:00	VIPs & Guests Arrival		VIPs & Guests Arrival	07:30 - 08:00
09:00 - 09:05	Welcome Remarks: Abdel Hadi AlSuhaimi, Conference Chair, Executive President, S-Chem		Opening Remarks from AIChE Shakeel Kadri, Executive Director & CEO, CCPS	08:15 - 08:30
09:05 - 09:15	Opening Remarks: H.E. Dr. Mohamed bin Mubarak Bin Daina, Minister of Oil and Environment, Special Envoy for Climate Affairs, Kingdom of Bahrain		Keynote Session: Mutlaq H. Al Morished, CEO, TASNEE	08:30 - 08:50
09:15 - 09:30	Keynote Session: Mohammed Abdulrahman Al-Zahrani, VP Chemical BU, SABIC		Technical Session: Plant Sustainability Industry 4.0	08:50 - 09:10
09:30 - 10:15	Keynote Session: Innovation Necessary for Driving Success in the Olefins Industry		Technical Session: Using Thermal Imaging and a Cloud Platform to Optimize Cracking Furnace Efficiency in Real Time	09:10 - 09:30
10:15 - 10:30	Coffee Break & Exhibition Networking		Coffee Break & Exhibition Networking	09:30 - 09:45
10:30 - 11:15	Keynote Session: Capturing the Digitalization Opportunity in Ethylene Manufacturing		Executive Panel Discussion: Digitalization for Ethylene	09:45 - 10:45
11:15 - 11:45	Plenary Speech: Capital Efficiency and Competitiveness		Networking Break	10:45 - 11:00
11:45 - 12:40	Prayers, Lunch & Exhibition Networking		Executive Panel Discussion: Actionable Sustainability in Ethylene Manufacture	11:00 - 12:00
12:40 - 14:00	Technical Session: Enhancing Reliability	Technical Session: Application of Big Data, Digitalization and Optimization	Prayers, Lunch & Exhibition Networking	12:00 - 12:45
14:00 - 14:15	Networking Break		Technical Session: Mitigating Risk and Prioritizing Safety	Technical Session: Application of Big Data, Digitalization and Optimization
14:15 - 15:15	Technical Session: Enhancing Reliability	Technical Session: Capital Efficiency and Competitiveness	Networking Break	12:45 - 13:45
15:15 - 15:45	Coffee Break & Exhibition Networking		Technical Session: Enhancing Reliability	Technical Session: Addressing Sustainability Challenges
15:45 - 17:05	Technical Session: Enhancing Reliability	Technical Session: Addressing Sustainability Challenges	Conference Closing Abdel Hadi Al Suhaimi Executive President, Saudi Chevron Phillips (S-Chem)	14:00 - 15:00
17:05 - 19:30	Break			15:00 - 15:15
19:30 - 19:45	Gala Dinner - Guest Arrival			
19:45 - 22:00	Gala Dinner - Guest Arrival (Committee, Speakers, Delegates)			

*Session timings and running orders may be subject to changes



Technical Conference Produced in Collaboration with AIChE



With more than 60,000 members from more than 110 countries, AIChE has the breadth of resources and expertise in core process industries or emerging areas, such as alternative fuels and energy.

Technical Excellence in Chemicals

The AIChE and EMET collaboration brings together a focused technical conference is dedicated to Chemical Innovation and Safety. Engineers today play a critical role in creating products, fuels, and chemicals with a low carbon footprint to a growing world population.



Darlene Schuster
Executive Director and
Chief Executive Officer, AIChE



AIChE is pleased to partner with Energy Events Experts (E3) for the upcoming 4th Ethylene Middle East Technology Conference to be held on 14 - 15 September 2022 at the Gulf Hotel & Convention Centre, Kingdom of Bahrain. AIChE, together with the US based Ethylene Producers' Committee, a non-profit corporation in Texas, has a long history of collaboration to promote the exchange of information relating to the manufacture and distribution of ethylene. extensive global reach will add significant value to this important conference and provide participants with a timely technical experience.



Gregory E. Yeo
Chief Engineer (retired)
ExxonMobil



AIChE strives to bring new technical insights and information to all chemical engineers. As the global home of chemical engineers, AIChE, and our team of industry experts, look forward to developing the program for EMET 2022 and to working closely with the Abdel Hadi Al-Suhaimi, chairman of the conference, along with the leading regional ethylene producers and local and international technology providers. The program will provide unique insights and perspectives that can help stakeholders shape their future plans and operations.



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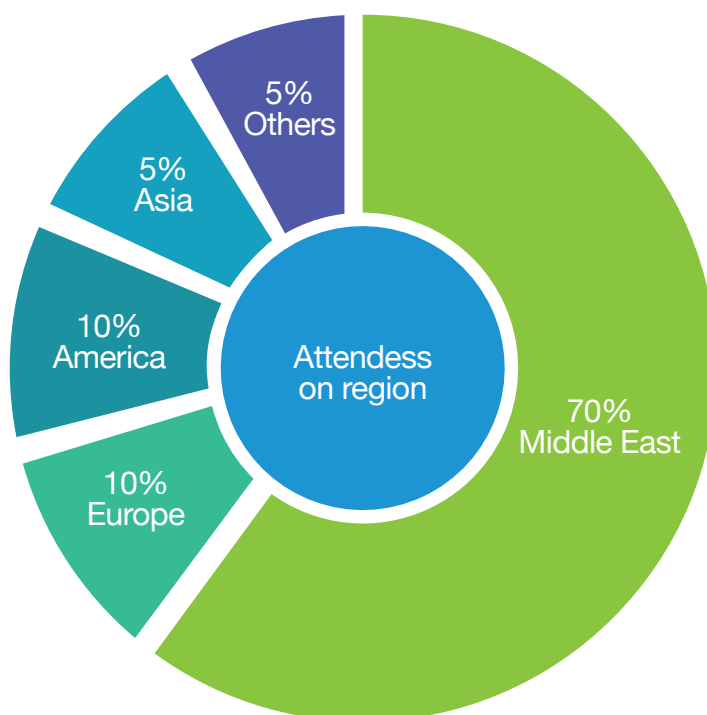
Attendees Profile

Technical Job Titles

- Unit Manager
- Ethylene Engineer
- Project Engineering Manager
- Process Engineer
- Olefins Technical Support Engineer
- Production Engineer
- Senior Quality Engineer
- Technical Advisor
- Project Engineering Manager
- Principal Process Engineer - Chemicals
- Chemical Engineer
- Senior Process Engineer
- Process Control Engineer
- Senior Chemical Buyer
- Instrumentation Technician
- Project Manager
- SHE Supervisor
- Real Time Optimizer (RTO)
- Process Controls Engineer
- Field Engineer
- Packaging / Distribution
- Mechanical Engineering
- Professors and Students

Executive Job Titles

- Unit Manager
- Ethylene Engineer
- Project Engineering Manager
- Process Engineer
- Olefins Technical Support Engineer
- Production Engineer
- Senior Quality Engineer
- Technical Advisor
- Project Engineering Manager



Regional leaders and senior management across the petrochemical sector represent 20% of the audience

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CONFERENCE

Ethylene
Middle East
Technology
Conference

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- Full Marketing Campaign
- Delegate Passes
- Branding

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Full Delegate Pass (Pre-event)	\$1,400
Full Delegate Pass (On-site)	\$1,600
Special Rate Sponsors & Exhibitors	\$1,200

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Online registration is open

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