



# METECH 2020

## MIDDLE EAST TECHNOLOGY FORUM

### FOR REFINING & PETROCHEMICALS

18-20 FEBRUARY 2020  
JUMEIRAH AT ETIHAD TOWERS  
ABU DHABI

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**METECH  
2020**

**MIDDLE EAST  
TECHNOLOGY  
FORUM**

FOR REFINING & PETROCHEMICALS  
18-20 FEBRUARY 2020 - ABU DHABI

## KEY TOPICS

- Major Project Updates from Key Regional Producers
- Increased Integration between Refining & Petrochemicals
- JV's & Partnerships – Attracting Foreign Investment & Expertise
- Development of Crude to Chemicals Technology
- Oil & Gas 4.0 – Transforming the Industry
- Technology Updates – Options for Maximising Conversion & Meeting Evolving Demand
- Clean Fuels & Latest Innovations in Catalysts
- Specialty Petrochemicals Technologies
- Feedstock Diversification & Alternative Routes
- Latest in Advanced Olefins & Polyolefins Technologies



The agenda and program was very relevant to the present day's needs and how refiners can improve their plants with latest improvement in technology

**BYCO PETROLEUM  
PAKISTAN LTD**



## WELCOME TO ME-TECH 2020

Euro Petroleum Consultants are delighted to announce ME-TECH 2020 will take place from 18-20 February 2020 in Abu Dhabi. Now in its 10th successive year, ME-TECH continues to attract the best of the Downstream sector, bringing together senior representatives and specialists from regional end-user companies with the leading licensors, technology companies and innovative service and solutions providers. The aim is to share latest projects, discuss market trends and the challenges and opportunities that come with them and become updated about the latest technological advances which will drive the refining and petrochemicals industries towards greater growth and efficiency.

Delegates will enjoy high-quality networking amidst a landscape of high-level strategic keynote speeches by end-users and NOCs, macro-economic scene setting overviews from industry experts discussing the future of the industry, interesting and interactive panel discussions on highly topical subjects and technical presentations from technology companies and solution providers.

Join ME-TECH - the conference that has proved to be the essential meeting place for the Middle East Downstream industry and an excellent platform to keep up-to-date with developments in this important region. Each year, ME-TECH grows and attracts more high level representation from the industry. We are also delighted that year on year we welcome returning clients, testament to the quality of our event. Whether you already do business in the Middle East or are looking to do so in the future, ME-TECH is the one event you can't afford to miss.

**Stefan Chapman**  
Vice President, Euro Petroleum Consultants

### Trending Topics for Discussion:

#### ENERGY INDUSTRY, EVOLUTION & TRANSITION

Defining the Petroleum Industry of the Future  
Addressing the Industry Game Changers

#### REMAINING COMPETITIVE IN TODAY'S MARKET

JV's & Partnerships – Attracting foreign investment and expertise  
Trading by Oil Companies – A move to create new revenue streams  
Diversification in the downstream business

#### OIL & GAS 4.0 - WHAT MIGHT THE OIL & GAS INDUSTRY OF THE FUTURE LOOK LIKE?

Smart Operations – the Connected Plant  
Investment in Artificial Intelligence  
Cybersecurity for the oil & gas industry - what still needs to be addressed?

#### WHAT DOES 'SUSTAINABILITY' MEAN FOR THE PETROLEUM INDUSTRY?

The standing of the oil and gas industry in today's society  
How organisations are advancing operations towards more sustainable solutions  
Showcase the good the industry can bring to local communities & also to our society in general



## ADVISORY BOARD



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Process Engineer Production  
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**SASREF**



**David Marion**  
VP Manufacturing Africa, Middle  
East, Asia & Pacific for Refining  
& Petrochemicals  
**TOTAL**

## TECHNICAL COMMITTEE



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Senior Consultant  
**3P18 INDEPENDENT  
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**Cor van Egmond**  
Olefins Technology Manager  
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**SHELL CATALYSTS &  
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**Mohammed Benchechou**  
Director Strategic Customers -  
Middle East & India  
**SHELL CATALYSTS &  
TECHNOLOGIES**



**Daniel Carter**  
Business Development Director,  
Specialist Engineering  
& Consulting  
**WOOD**

I highly recommend EPC for their excellent organization skills. They managed to get key people in the refinery & petrochem industry to talk about the latest trends.

**BAUER  
KOMPRESSOREN**

## MARKETING OPPORTUNITIES AT ME-TECH

### Become a Sponsor

#### LOGO BRANDING SPONSORSHIP OPTIONS

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- Sponsor of the lanyards
- Sponsor of the event guide
- Sponsor of the stationery
- Sponsor of the conference water bottles
- Sponsor of the registration desk

#### HOST A FUNCTION

Host a high quality & memorable networking event and have the chance to welcome delegates at the chosen function

- Sponsor of the lunch(es)
- Sponsor of the gala evening
- Sponsor of the networking coffee breaks

#### ALL PACKAGES INCLUDE:

- Delegate places
- Exhibition space
- Advertising pages & online exposure
- Opportunity to make a presentation and/or chair a session

### Book Exhibition Space

#### AN EXHIBITION PACKAGE INCLUDES:

- Two delegate places
- Space for your own display
- Table, chairs and electricity points
- Your logo, profile and contacts in the event guide
- Excellent visibility during the event

## SUPPORTERS AND MEDIA PARTNERS

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## THE VENUE – ABU DHABI

### Jumeirah at Etihad Towers

Overlooking the Arabian Gulf and Corniche, this modern hotel is part of the iconic 5-tower complex in Abu Dhabi. Guest will enjoy the landscaped pools and gardens, private beach and award winning spa.

Located on level 74, the Observation Deck is the highest vantage point of Abu Dhabi.

Abu Dhabi International Airport is a 30-minute drive from the Jumeirah at Etihad Towers Hotel.



The METECH conference in Abu Dhabi was an excellent event with top notch speakers and attendance, well-organized venue and accommodation and the continuous support of the EPC Team and level of details was a winning combination that makes you not want to miss their future event.

GENERAL ATOMICS

## ABOUT THE ORGANISERS

**Euro Petroleum Consultants (EPC)** is a leading independent consulting company for the Downstream Oil, Gas & Petrochemical sectors.

Our mission is to act as Client Project Engineer (CPE) providing expertise, advice and support during all stages of Project Development, including Feasibility Studies, Masterplans, Technology Selection, PMC Services, Start-Up Support and Operations Management.

We also act as Consultant to major Banks to provide technical supervision for the projects they have financed.

EPC has over 20 years of consulting experience spanning all regions; Russia & CIS, the Caspian region, the Middle East, Europe and Africa.

View our full portfolio: [www.europetro.com](http://www.europetro.com)  
Contact us at: [consulting@europetro.com](mailto:consulting@europetro.com)

### RECENT PROJECTS

#### MOZYR REFINERY

HOIL Complex Consulting Services

#### LUKOIL VOLGOGRAD

FEED Contractor for SDA Complex

#### LUKOIL NNOS

FCC & HF Alkylation Complex (PMC)

#### FORTEINVEST

Refinery Expansion (Technical advisor)

#### AFIPSKY REFINERY

Technical Consultant to Bank for Major Refinery Upgrade Project

#### SOCAR

Urea Complex & Polypropylene Project (PMC)

#### MOZYR REFINERY

Octane Complex (PMC)

#### SALAVATNEFTEORGSIINTEZ

Technical Consultant, Acrylic Acid Project

#### SONARA CAMEROON

Refinery Expansion (PMC)



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of consulting experience spanning all regions



**10 OFFICES**

in seven countries around the world



**100+ PROJECTS**

on consulting successfully completed



**200+ EVENTS**

held worldwide with international status



Euro Petroleum Consultants



## PRE-CONFERENCE SEMINAR DAY TUESDAY 18 FEBRUARY

Attendance at both seminars is complimentary and is open to oil refining and petrochemical operators. To register your interest to attend, please email [office@europetro-me.com](mailto:office@europetro-me.com)

# wood.

**08:00 - 11:00**

## Energy Industries Evolution: a revolution?

We would like to invite you to join Wood's complimentary pre-conference seminar 'Energy industries evolution: a revolution' to hear how we are supporting our partners and customers to achieve the greatest business benefit from the future energy market.

Starting from a conventional medium-complexity refinery targeting transportation fuels, Wood's consultants will take you on a journey of future proofing towards a fully integrated energy complex that will thrive among tomorrow's challenges.

After an initial overview of the impact of the energy transition on market trends, our team of experts will take you on a step by step process to tackle the different risks

and opportunities arising in our rapidly evolving industry. For example:

- As a first and immediate step, fuel oil upgrading to address the challenges arising from the recently implemented IMO2020 regulation and improve overall profitability;
- Integration with petrochemicals to address the growing market and diversify away from transport fuels;
- Reducing overall carbon footprint by maximising energy efficiency and integrating renewable sources of energy supply;
- Reaching a zero-carbon industrial complex by considering carbon capture,
- Digital toolkits and their implementation to improve asset operating performance, focused maintenance activities and reducing life cycle operating costs.

To consolidate the seminar discussions, an interactive discussion will take place around the global energy transition trends gathering the thoughts of our industry experts and those of our key customers in the region.

# Honeywell UOP

**12:00 - 15:00**

## Better Decisions for a Sustainable Future

Honeywell UOP has developed a tool, that allows refiners to evaluate current investments and plan for the future. This tool is based on six critical key factors (the 6 Efficiencies) for measuring the value of a technical solution for a project. It helps to balance operational goals, market demand and regulatory constraints to promote profitable performance and growth.

Please join Honeywell UOP at the METECH pre-conference seminar to learn how this tool can help you shape the Refinery of the Future that maximizes high value product with the lowest possible cash cost of production and impact on the environment. These 6 efficiencies will be used to compare different technologies and configurations with the same objectives, that help drive technical decisions toward a more positive outcome for you and your project.

“

Very pleased with the high quality of METECH 2019. A wide range of topics relevant to us including presentations by high quality presenters. Great attendance from both the suppliers and end-users for networking opportunities

WOOD



## DAY ZERO - TUESDAY 18 FEBRUARY – PRE-CONFERENCE SEMINAR DAY

07:30 - 08:00	Registration & Welcome Coffee
08:00 - 11:00	<b>wood.</b> Wood Seminar: Energy Industries Evolution: a revolution?
11:00 - 12:00	Networking Lunch
12:00 - 15:00	<b>Honeywell UOP</b> Honeywell UOP Seminar: Better Decisions for a Sustainable Future
18:00 - 20:00	ME-TECH 2020 Welcome Reception

## DAY ONE - WEDNESDAY 19 FEBRUARY - ME-TECH 2020

08:00-09:00 Registration & Welcome Coffee

### 09:00 PLENARY SESSION ONE: PETROLEUM INDUSTRY TRENDS & STRATEGIES

#### Welcome Remarks

*Ibrahim Al Zaabi, Vice President, Polyolefins, BOROUGE*

#### Opening Remarks

*Stefan Chapman, Vice President, EURO PETROLEUM CONSULTANTS*

#### Future of Downstream Oil & Gas

*Jad Dib, Partner, MCKINSEY & COMPANY*

#### INTERACTIVE PANEL DISCUSSION: ENERGY INDUSTRY, EVOLUTION & TRANSITION

#### Moderated by Süleyman Özmen, Leading Expert & Consultant

*Defining the Petroleum Industry of the Future*

*Addressing the Industry Game Changers*

10:30-11:00 Networking Coffee Break hosted by



Shell Catalysts & Technologies

### 11:00 PLENARY SESSION TWO: THE IMPORTANCE OF INTERNATIONAL COOPERATION IN THE OIL & PETCHEM SECTORS

#### SATORP Joint Venture Partnership Total & Saudi Aramco – A Success Story

- Total's strategy in Refining and Chemicals
- SATORP growth since start-up
- Total and Saudi Aramco - opportunities together for downstream business

*David Marion, VP Manufacturing Africa, Middle East, Asia & Pacific for Refining & Petrochemicals, TOTAL*

#### Key Lessons from High-performing Partnerships

- The energy transition is too big for anyone to accomplish alone – we must collaborate
- The need to form strategic partnerships
- Attributes of high-performing partnerships and some examples

*Gurminder Singh, Director Technology Licensing, SHELL CATALYSTS & TECHNOLOGIES*

#### ENI: A Successful Journey through Refining Joint Ventures

*Francesco de Francesco, Deputy Managing Director - Operations & Performance, ENI ABU DHABI REFINING & TRADING SERVICES*

#### INTERACTIVE PANEL DISCUSSION: REMAINING COMPETITIVE IN TODAY'S MARKET

#### Moderated by Süleyman Özmen, Leading Expert & Consultant

- JV's & Partnerships – Attracting foreign investment and expertise*
- Trading by Oil Companies – A move to create new revenue streams*
- Diversification in the downstream business*



EPC exceeded my expectation in organizing a well-structured event. The level of speakers and attendees were paramount and catered to the needs of the market.

**BILFINGER**

12:30-13:30 Buffet Lunch hosted by



## DAY ONE - WEDNESDAY 19 FEBRUARY - ME-TECH 2020

### REFINING STREAM:

#### 13:30 SESSION ONE: ROUTES TO OPTIMISE REFINING & PETROCHEMICAL INTEGRATION

##### The Competitive Advantage of COTC

- Market overviews on crude oil and refined product prices
- An estimate of the relative cost advantage of cracking "crude oil" under selected scenarios

Arvind Aggarwal, Principal, NEXANT

##### Petrochemicals FCC – Management of Gasoline Pool Benzene Content

- Comparison of main gasoline characteristics according to the type of FCC (Conventional vs Petrochemicals FCC)
- Valorization of the Benzene cut from FCC gasoline - Typical Gasoline pool composition & impact of Crude to Chemical configuration

Khalil Khoraich, Technologist, AXENS

##### OCP Integration with FCC

- The demand for plastics and the polypropylene, polyethylene and paraxylene that comprises them is being driven by growth in the world's middle class
- To meet that demand, the Refinery of the Future enables a gasoline-centric refiner to evolve into a petrochemical production facility while maintaining optimal profitability

Jeff Knight, Project Development Manager

HONEYWELL UOP

##### Resid to Propylene: A Two Step Approach

- Cracking mechanism and fundamentals to upgrade resid feeds up to light olefins
- Importance of a two-step approach
- Field examples

Hernando Salgado, Technical Service Manager - Refining Catalysts, BASF

### PETROCHEMICALS STREAM:

#### 13:30 SESSION ONE: ROUTES TO OPTIMISE REFINING & PETROCHEMICAL INTEGRATION

##### Liwa Plastics Industries Complex (LPIC)

- Project update

Rami Khourzom, General Manager

LIWA PLASTICS INDUSTRIES COMPLEX (LPIC)

##### Crude Oil to Chemicals: A Petrochemical Godzilla?

- How are COTCs becoming the new benchmark for the global petrochemical industry?

- How do the economics compare with existing refineries?

Richard Charlesworth, Executive Director, Oil, Midstream, Downstream & Chemicals, IHS MARKIT

##### Criteria for a High Return Crude to Chemicals Project

- Produce maximum feedstock for the cracker with minimal capital investment

- Crude to chemicals projects will require jet & marine fuels production to be profitable

- Select petrochemical that have local market value and/or minimize capital investment

Cor F. van Egmond, Olefins Technology Manager, BECHTEL

##### Defining Successful Strategies for Increased Refining & Petrochemicals Integration

- Optimum (re-)use of existing assets, well-thought process integration and synergies are key in defining integrated configurations meeting the robustness and flexibility objectives

Alban Sirven, Refining Technology Officer, TECHNIPFMC

15:00-15:20 Networking Coffee Break hosted by



Shell Catalysts & Technologies

### REFINING STREAM:

#### 15:20 SESSION TWO: BOTTOM OF THE BARREL FOCUS: ACHIEVING GREATER CONVERSION

##### Refinery Upgrade for IMO 2020 - A Case Study

Mubarak Al-Mutairi, Manager Technical Services MAB KUWAIT NATIONAL PETROLEUM COMPANY (KNPC)

##### Advanced and Predictable DCU Operation

- Wood's DCU connected plant collaboration with Honeywell

Steve Beeston, Vice President Technology Licensing, WOOD

##### Unique Ceramic Coating Technology for Refining and Petrochemicals Applications

Sanjay Lodha, Global Business Director, TUBACOAT, TUBACEX

##### Maximising Conversion of Residues to Chemicals and Clean Fuels

Bas van Heeswijk, Technology Marketing Manager CHEVRON LUMMUS GLOBAL (CLG)

### PETROCHEMICALS STREAM:

#### 15:20 SESSION TWO: AROMATICS & DERIVATIVES

##### Capturing Value via Residue to Chemicals Projects

- How to maximize the conversion of its residual carbon feed molecules to aromatics and light olefins to capture additional margin in the petrochemical value chain

- Commercially proven technology solutions:

- The Hengli Petrochemical complex: maximization of paraxylene production from sour crude feedstocks

Emilie Rousseau, Sales Development Manager, Process Licensing, AXENS

##### World-class Petrochemical Technologies

- Propane dehydrogenation, aromatics extraction, production of propylene, production of benzene and toluene

Sascha Wenzel, Head of TIS / Product Management THYSENKRUPP INDUSTRIAL SOLUTIONS

## 16:50 END OF DAY ONE

19:30 ME-TECH 10TH ANNIVERSARY GALA EVENING hosted by

Life Is On

Schneider Electric



## DAY TWO - THURSDAY 20 FEBRUARY - ME-TECH 2020

08:00-09:00 Welcome Coffee hosted by 

### REFINING STREAM:

#### 09:00 SESSION THREE: HYDROGEN PRODUCTION & MANAGEMENT

##### Optimisation of H2 Manufacturing

- Moving into the digital future
- Reducing its carbon footprint

*Esteban Martin, Industrial Strategy Director & SIOC Director - Africa, Middle East & India, AIR LIQUIDE*

##### Hydrogen for the Future: the novel Wood technologies

- Long history as Licensor for Hydrogen production technology via reforming process
- Energy Transition: committed to developing technologies and competencies for a greener future
- Wood Blue Hydrogen is the response to the need of low carbon hydrogen production while Wood bio-hydrogen results in zero carbon emissions, potentially carbon negative

*Omar Bedani, Commercial Manager, WOOD*

##### Minimizing CO2 Footprint in Hydrogen Production

*Roland van Uffelen, Managing Engineering Tools & Digitalization, TECHNIPFMC*

##### Temperature Control and Conversion Efficiency in Catalytic Hydrogenation

- Instruments adapted to flexible feed & middle distillates product targets
- Profiling within tight parameter margins for greater yield
- Minimally-invasive reactor internals for greater catalyst charge density
- Safety & reliability by design

*Stefano Mella, Product Manager, ENDRESS+HAUSER*

### PETROCHEMICALS STREAM:

#### 09:00 SESSION THREE: C1 VALUE CHAIN FOCUS

##### Methanol Applications for Sustainability

- Methanol is increasingly being utilized in energy generation as a fuel for vehicles, fuel for industrial processes such as producing steam, and even in cookstoves
- This shift in demand correlates to increasing awareness about the impact of economic activities on the environment such as declining air quality
- Methanol's ability to be produced from renewable sources presents solutions to environmental challenges that are pressing in some economies


*Tim Chan, Manager, Government Relations & Business Development, Asia Pacific & Middle East  
METHANOL INSTITUTE*

##### How to Build a Methanol Plant

*Mathias Stein, Director Chemicals Market, AIR LIQUIDE*

##### Making On-purpose Propylene and Butene from Refinery Stream – aligning Refineries towards an Economically Sustainable Future

*Kartik Dhara, Director of Business Development - Middle East & India, REZEL CATALYSTS CORPORATION*

10:30-11:00 Networking Coffee Break hosted by 

### REFINING STREAM:

#### 11:00 SESSION FOUR: REFINING SOLUTIONS: INNOVATIONS IN TECHNOLOGY, CATALYSTS & EQUIPMENT

##### How to Boost the Performance of your Hydrocracker through an Efficient Catalyst Selection

*Mikael Berthod, Vice President  
ADNOC REFINING RESEARCH CENTRE*

##### Latest Advances in Catalyst and Additives for Maximising Propylene from the FCC

- Increasing value of middle distillates through innovative catalyst design
- Extending the architectural design window of the FCC catalyst

*Bani Cipriano, Segment Marketing - Light Olefins, GRACE*

##### Nano-Engineered Zeolites in Hydrocracking Catalysts – Unlocking Ultimate Performance

*Sal Torrisi, Hydrocracking Market Manager  
SHELL CATALYSTS & TECHNOLOGIES*

##### NSRP Resid-to-Propylene FCC: another successful start-up with AFX

*Stephen Amalraj, Technical Service Manager – FCC (Middle East, India, Asia Pacific & China), ALBEMARLE*

### PETROCHEMICALS STREAM:

#### 11:00 SESSION FOUR: POLYOLEFINS & PLASTICS OVERVIEW

##### From Design to Production: Achieve Project Results and Capture Value with UNIPOL™ PE Technology

*Bob Pociask, Licensing Sales Director  
UNIVATION TECHNOLOGIES*

##### Future of Polyolefins Catalysts in a Circular Economy Model

- What are tomorrow's requirements for a circular economy model applied to polyolefins catalysts?
- INEOS approach to sustainable polyolefins production and most recent advances in polyolefins catalysts

*Fabian Siberdt, R&D Portfolio Manager  
INEOS POLYOLEFIN CATALYST*


##### Beyond Commodity Polymers – Versatile Technologies for the PP Market

- Polypropylene & Polyethylene Technologies and Applications Update

*Giovanni Galetti, Licensing Manager AFMEI, LYONDELLBASELL*

##### Market Trends & Developments for Mineral Oil and Mono Ethylene Glycol (Offshore Recovery) with Centrifuges & Downstream Petrochemical Show Case for Fluid Bed Dryers

*Christine Reinermann, Senior Area Sales Manager & Product Specialist  
Lokman Colak, Area Sales Manager Chemical & Industrial  
ANDRITZ*

12:30-13:30 Buffet Lunch hosted by 

## DAY TWO - THURSDAY 20 FEBRUARY - ME-TECH 2020

### 13:30 PLENARY SESSION THREE – IMPROVE YOUR EFFICIENCY! SOLUTIONS FOR YOUR ASSETS

#### Digital Transformation for Operational Excellence - Scaling 4th Industrial Revolution Technologies

- How OT Enterprise Performance Management can achieve lower cost of scaling and improve time to value through real-time data and visual intelligence to help optimize production and increase profitability
- Murali Mandi, Chief Operating Officer, HONEYWELL CONNECTED PLANT*

#### Profitable Integration of Power and Process Management

- The value of Digital Transformation
- The source of CapEx and OpEx benefits from integrated power and process management
- Case studies as proof points

*Martin Turk, Consulting Business Partner, SCHNEIDER ELECTRIC*

#### How to Benchmark the Efficiency of your Investment

- The Refinery of the Future is sustainable, efficient, and connected, with a product slate tailored to meet the needs of local and global markets. But the interplay of resources to achieve this is becoming more complex as technologies advance
  - This complicates analysis of the efficient use of resources and, therefore, the fundamental aspects of an investment's viability
- Alan Bedel, Senior Manager, Solution Development Leader, HONEYWELL UOP*

#### INTERACTIVE PANEL DISCUSSION: OIL & GAS 4.0 - WHAT MIGHT THE OIL & GAS INDUSTRY OF THE FUTURE LOOK LIKE?

##### Moderated by Süleyman Özmen, Leading Expert & Consultant

*Smart Operations – the Connected Plant*

*Investment in Artificial Intelligence*

*Cybersecurity for the oil & gas industry - what still needs to be addressed?*

15:20-15:40 Networking Coffee Break hosted by 

### 15:40 PLENARY SESSION FOUR – WHAT DOES 'SUSTAINABILITY' MEAN FOR THE PETROLEUM INDUSTRY?

#### Middle East Blossoming: the region's green economy

- Development of the 'green economy' in the Middle East
  - Crucial goals and critical tasks ahead
- Robin Mills, CEO, QAMAR ENERGY*

#### Downstream is going Greener – Cleaner Fuels

- Downstream business shall reduce the CO2 emissions therefore, it is necessary to increase the use of renewable and green energy in the energy mix
  - Solar energy can be converted into power in order to produce green fuel e.g.: H2
  - Solar energy instead of classical methane conversion to produce H2 reduce CO2 footprint
  - 1 MWel and 180 kg/h demin water could feasibly produce 5113 Sm3/d H2
- Bogdan Buzatoiu, Senior Process Engineering, ILF CONSULTING ENGINEERS*

#### Green Oil Strategies; Improving Sustainability Index for Oil & Gas Companies

- Reducing carbon footprint through diversification into natural gas and renewable energy
  - Create an active energy management strategy taking into account the system's ecological design and permanent process optimization over the lifetime of the plant
- Constantine Lau, Director Oil & Gas, SCHNEIDER ELECTRIC*

#### The Future of Mobility: how cities can benefit

- Autonomous vehicles, electric powertrains, vehicle sharing, and other advances are transforming urban mobility
- Musad Afzal, External Relations Officer, DUBAI CARBON CENTRE OF EXCELLENCE (DCCE)*

#### INTERACTIVE PANEL DISCUSSION: WHAT DOES 'SUSTAINABILITY' MEAN FOR THE PETROLEUM INDUSTRY?

##### Moderated by Süleyman Özmen, Leading Expert & Consultant

The standing of the oil and gas industry in today's society

How organisations are advancing operations towards more sustainable solutions

Showcase the good the industry can bring to local communities & also to our society in general



Excellent content, excellent set-up, excellent location. I will continue to attend as the insights obtained from the conference are very valuable.

PETRONAS

### 17:30 RAFFLE PRIZE DRAW & CLOSING REMARKS

18–20 FEBRUARY 2020  
ABU DHABI

## ME-TECH

Middle East Technology Forum for Refining & Petrochemicals

24–26 MARCH 2020  
MANAMA, BAHRAIN

## OPEX MENA - Excellence in Safety & Operations

Featuring: The Gulf Safety Award

14–15 APRIL 2020  
UFA, RUSSIA

## Russia & CIS BBTC 2020

Bottom of the Barrel Technology Conference

16 APRIL 2020  
UFA, RUSSIA

## RU-CAT 2020

Russia & CIS Catalyst Technology Conference

12–13 MAY 2020  
DUBROVNIK, CROATIA

## International Downstream Week IDTC

International Downstream Technology & Strategy Conference

13–14 MAY 2020  
DUBROVNIK, CROATIA

## International BBTC

International Bottom of the Barrel Technology Conference

24–25 JUNE 2020  
MINSK, BELARUS

## Downstream Forum 2020

Belarus & CIS Downstream Executive Forum 2020

22–23 SEPTEMBER 2020  
MOSCOW, RUSSIA

## Moscow Week 2020

### GPTC

Russia & CIS Gas & Petrochemicals Technology Conference

24–25 SEPTEMBER 2020  
MOSCOW, RUSSIA

### RRTC

Russia & CIS Refining Technology Conference

6–8 OCTOBER 2020  
SEOUL, SOUTH KOREA

## ASIA-TECH

Asia Downstream Technology Forum

14–16 OCTOBER 2020  
SOCHI, RUSSIA

## Op-Ex Russia & CIS 2020

Operational Excellence in Oil, Gas & Petrochemicals

7–8 DECEMBER 2020  
MANAMA, BAHRAIN

## BBTC MENA

Middle East & North Africa Bottom of the Barrel Technology Conference

9–10 DECEMBER 2020  
MANAMA, BAHRAIN

## ME-CAT

Middle East Catalyst Technology Conference





“This event is very important to all refining managers to develop our plants.”

MINISTRY OF OIL, IRAQ



METECH  
2020

MIDDLE EAST  
TECHNOLOGY  
FORUM

FOR REFINING & PETROCHEMICALS

## PRICING

Delegate rate for Oil & Gas operating/producer companies	USD 1550
Delegate rate for companies supplying technologies, equipment or services	USD 2450
Exhibition Stand including two delegate places	USD 6800

**PLEASE NOTE:** VAT was introduced in the UAE on 1 January 2019. 5% VAT will apply on all rates.

**REGISTER AT**  
[www.me-tech.biz](http://www.me-tech.biz)  
+971 (0)4 4214642  
[office@europetro-me.com](mailto:office@europetro-me.com)

## TERMS & CONDITIONS

### LOCATION OF CONFERENCE

The conference will take place in the Jumeirah at Etihad Towers, Abu Dhabi.

### ACCOMMODATION

Hotel accommodation is not included in the Registration Fee but EPC has negotiated special rates for our delegates with the conference venue. Your event registration confirmation email will provide instructions on how to book a room at the hotel.

### REGISTRATION FEE

This includes attendance at the conference, Conference documentation, lunch and coffee breaks on both days and attendance at social functions. Full payment must be received before the conference in order to guarantee entry.

### CONFERENCE LANGUAGE

The conference language will be English.

### VISAS

Delegates requiring visas in advance to enter UAE can obtain tourist visa support letters from their hotel.

PLEASE ALLOW PLENTY OF TIME TO OBTAIN YOUR VISA.

### CONFERENCE DOCUMENTATION

If you are unable to attend the conference in person, you can purchase the Conference Proceedings. This includes access to all the papers and presentations, which can be downloaded from the web site. The Conference Proceedings are available at a cost of USD 600.

### CANCELLATIONS

Cancellations made before 22 January 2020 will be refunded in full less an administrative charge of USD 250. We regret that cancellations made after this date cannot be refunded or credited. Substitutes are acceptable at any time.

### DISCLAIMER

EPC reserves the right to alter the content or timing of the program and its speakers although this happens rarely. EPC is not responsible for the content of the presentations by third parties or if an event is cancelled or postponed due to force majeure. Denotes speaker is subject to final confirmation. Your image may appear in the post-show report, conference video or photo gallery. If you have any objection to this you must please inform the Organisers.

### Data Protection

The information given in the registration form by the delegate is processed in accordance with the Data Protection Act. By registering, you are agreeing to receive further information related to the event. In addition we may send you information about our other events if we deem them to be of relevance to you. If you do not wish to receive other relevant information from Euro Petroleum Consultants please inform us.

### ORGANISERS

Euro Petroleum Consultants (EPC) is a consulting organisation supplying consulting & project management services to the oil & gas industry.

President: Mr Colin Chapman.

For further information, visit our website:  
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