ResidHydroTreat 2017
1st International Symposium on Residue Hydrotreating
6–8 NOVEMBER 2017 · HILTON KUWAIT RESORT · KUWAIT

Under the Patronage of
His Excellency Mr. Issam Abdulmohsen Almarzooq
Minister of Oil and Minister of Electricity & Water, Kuwait

WITH KIND SUPPORT FROM:

Mr. Nizar Al-Adsani
CEO, KPC

Mr. Mohammad G. Al-Mutairi
CEO, KNPC

Mr. Hashem Sayed Hashem
CEO, KIPIC

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SPEAKERS

KEYNOTE PRESENTERS

Register at www.residsymposium.com
Welcome to ResidHydroTreat 2017

The overall economics of a refinery depends on key elements: the choice of crude slate, the complexity of the refinery/configuration and the product slate/quality. Supplies of light, sweet crude oil are decreasing. Processing cheaper heavier crude oil involves incorporating upgrading processes such as residue desulfurization into the refining scheme. Refiners who are able to convert heavy, high-sulfur crude to light products face prosperous years. The biggest winners will be the refining companies that can deal with very heavy and high-sulfur crude oil. Atmospheric residue desulfurization (ARDS) process plays an important role in upgrading heavy petroleum oils and residues to more valuable clean environmentally friendly transportation fuels and to partially convert the residues to produce low-sulfur fuel oil and hydrotreated feedstocks.

Kuwait's refining sector has extensive experience in operating ARDS units for over 30 years; and with completion of ongoing projects will be the largest user of ARDS process in the world. ResidHydroTreat 2017 will facilitate the coming together of end-users, licensors, catalyst suppliers and contractors to discuss and share best practices, latest developments and provide a platform to address future trends in residue processing.

Mohammad G. Al-Mutairi, CEO, KNPC
MONDAY 6 NOVEMBER

07.00 - 08.00  
**REGISTRATION & WELCOME COFFEE**  
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08.00 - 08.30  
Inauguration by His Excellency Mr Issam Abdulmohsen Almarzooq, Minister of Oil, Kuwait  
Nizar Al-Adsani, Chief Executive Officer, KPC  
Mohammad G. Al-Mutairi, Chief Executive Officer, KNPC

**KEYNOTE SPEECH**  

Saudi Aramco: Upgrading the Bottom of the Barrel  
Suleiman A. Al-Bargan, Executive Director - Domestic Refining & NGL Fractionation  
SAUDI ARAMCO

**KEYNOTE SPEECH**  

Mastering Residue Hydrotreating Technologies to Address Market Challenges  
Jean Sentenac, President & CEO, AXENS

**KEYNOTE SPEECH**  

Developments in Residue Processing Technologies  
Ashok Krishna, VP Technology, CHEVRON and Board Member, ART and CLG

**KEYNOTE SPEECH**  

Bringing Clarity to Complexity: Sharing Key Insights on the Residue Upgrading Challenge  
Süleyman Özmén, Vice President - Refining & Chemicals Licensing  
SHELL GLOBAL SOLUTIONS

10.20 - 10.40  
**COFFEE AND REFRESHMENTS**  
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INTRODUCTORY PRESENTATION: Kuwait ARDS Journey  
Nadia Al-Hajji, Manager Corporate Planning  
KUWAIT INTEGRATED PETROLEUM INDUSTRIES COMPANY (KIPIC)

More than Three Decades of Research, Operation, Troubleshooting and Revamping  
Experience in Residue Hydrotreating  
Jérôme Picou, Lead Process Engineer - ARDS/VRDS, TOTAL

11.40 - 12.05  
**COFFEE AND REFRESHMENTS**  
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Advances in Resid Hydrotreating Catalyst Technology  
Rong He, Fixed Bed Resid Product Line R&D Manager, ART

Robust Integrated Solutions & Best Practices to Meet the Challenge of Heavier Residue Processing Head On  
David McNamara, Senior Principal Researcher, CRITERION CATALYSTS & TECHNOLOGIES

The Extensive Effort behind Kuwait’s 75 Al-Zour Refinery and Clean Fuels Project Reactors  
Les Antallfy, Executive Director, Process Technology & Engineering, FLUOR ENTERPRISES

13.40 - 15.00  
**LUNCH**

15.00 - 16.00  
Licensor Breakout Sessions

17.30  
**TRANSFER TO DINNER AT THE AHMED AL-JABER OIL & GAS EXHIBITION, AHMADI**
TUESDAY 7 NOVEMBER

07.00 - 08.00
REGISTRATION & WELCOME COFFEE

08.00 - 08.10
Opening Remarks by Bakheet Al-Rashidi, President & Chief Executive Officer, KUWAIT PETROLEUM INTERNATIONAL (KPI)

KEYNOTE SPEECH
FCCU: Leveraging Advances in Process and Catalyst Technology for Maximum Heavy Oil Processing and Profitability
Ebrahim Talib, Deputy Chief Executive, BAPCO

KEYNOTE SPEECH
Managing the Uncertain Seas of Residue Processing
Jim Rekoske, Vice President & Chief Technology Officer, HONEYWELL UOP

KEYNOTE SPEECH
Global Market Overview & IMO Regulations - Impact
Raheel Shafi, Senior Consultant, NEXANT

09.30 - 10.00
COFFEE AND REFRESHMENTS

Vietnam Refinery Project: ARDS Challenges Faced and Lessons Learnt
Nguyen Kim Manh Hoang, Technical Service Manager
NGHI SON REFINERY AND PETROCHEMICAL (NSRP)

UFR Guard Bed Benefits and Optimizing an Existing RDS Unit to Improve Competitiveness
Claudio Albanese, Vice President Technical Services, ENI

Residue Upgrading Options towards Petrochemical Integration - Case Study
Cécile Plain, Technology Team Manager - Performance Programs, AXENS

11.30 - 12.00
COFFEE AND REFRESHMENTS

Advancement in UOP RCD Unionfining Technology
Alex Jimenez, Lead Technical Sales Engineer, HONEYWELL UOP

Synthesis of Large Pore Hydrometallisation Catalyst for Heavy Crude Oils and Residual Oils
Mohan S. Rana, Research Scientist, KISR

13.30 - 14.30
LUNCH

14.30 - 15.30
Licensor Breakout Sessions

19.00 DINNER AT HILTON KUWAIT RESORT
WEDNESDAY 8 NOVEMBER

07:00 - 08:00  
REGISTRATION & WELCOME COFFEE

Increase Value from Residue Hydroprocessing Units  
Jonnie Verwoert, Technical Specialist Residue Hydroprocessing, ALBEMARLE

Improving Resid Bottoms Upgrading Utilising Up Flow Reactor Technology  
Robert Wade, Staff Engineer, CLG

Understanding the Removal of Nickel and Vanadium Complexes in Resid Hydrodesulfurization Service Using GPC-ICP-MS and Optimizing the Catalyst Loading  
Rasmus G. Egeberg, R&D Director - Refinery Technologies, HALDOR TOPSØE

09.30 - 10.10  
COFFEE AND REFRESHMENTS

Kuwait Heavy Crude Residue Desulfurization: ZOR Project Features & Challenges  
Ahmad Al Majed, Team Leader Process Engineering, KIPIC

Atmospheric Residue Desulfurization-Unit Monitoring Best Practices  
Abdullah Mandani, Senior Process Engineer, KNPC  
Abdullah Mandani, Senior Engineer & J.V. Parthiban, Process Engineer, KNPC

11.50 - 13.00  
LUNCH

13.00  BUS TOUR OF THE CLEAN FUELS PROJECT*  
*subject to availability – seats are limited

During the ResidHydroTreat 2017 symposium a bus tour is planned to enable delegates to see the Clean Fuels Project - construction phase is nearing completion.

KNPC’s Clean Fuels Project is one of the mega projects for refinery modernisation in the Middle East region, aiming to convert KNPC’s existing refineries into a fully integrated refining complex; meeting the future stringent product specifications and maximising fuel oil conversion to higher value products. The project has been designed with heat integration and energy conservation as a fundamental requirement from the conceptual phase onwards.

The Clean Fuels Project will equip Kuwait with the largest ARDS (Atmospheric Residue Desulphurisation) hub in the world and the largest DHT (Diesel Hydrotreater) reactors for producing ULSD (Ultra Low Sulfur Diesel). With the completion of Clean Fuels Project, KNPC will have one of the largest Hydrocracker total capacities at one site.

A bus will be organised from the Hilton Kuwait Resort on Day 3 of the Symposium at 13:00 and the tour is expected to last approximately two hours in total.

Should you be interested in joining the bus tour, kindly RSVP by emailing organiser@residsymposium.com to secure your place as the number of seats is limited.
Networking Events at ResidHydroTreat 2017

**MONDAY 6 NOVEMBER**

**19:00 DINNER AT THE AHMED AL-JABER OIL & GAS EXHIBITION, AHMADI**

Join us at the end of the first day of the Symposium for a Tour followed by Dinner. Transportation from the Hilton will be provided.

**TUESDAY 7 NOVEMBER**

**19:00 DINNER HILTON KUWAIT RESORT**

Join us at the end of the second day of the Symposium for a relaxed dinner in the Royal Marquee at the Hilton Kuwait Resort. A variety of refreshments and a large selection of hot buffet items will be served. Dress code is smart casual.
Participation Options at ResidHydroTreat 2017

Please contact organiser@residsymposium.com to receive full information on any of the below options:

**BECOME A SPONSOR**
Becoming a Sponsor will give you a high profile in the run up to and during the event, as well as number of benefits including delegate places and exhibition space.

Diamond, Platinum and Gold Sponsorship packages are available.

**REGISTER AS A DELEGATE**
Please refer to the Registration Form on the last page for delegate rates and to book your place.

**ADVERTISE IN THE EVENT GUIDE**
Limited space is reserved in the Event Guide for those companies wishing to advertise their services to the attendees. See Registration Form for further details.

**EXHIBITION: SHOWCASE YOUR COMPANY**
Become an Exhibitor and you will receive a shell-scheme exhibition stand and a complimentary delegate place.
An exhibition stand will give you the opportunity to showcase your company in front of top leaders in the oil sector.

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**EXHIBITION FLOORPLAN**

**LIST OF EXHIBITORS**

- [Image of Exhibitors]
## Registration Form

Register online at www.residsymposium.com  
Call us: +971 (0)4 421 4642  
Email us: organiser@residsymposium.com

### Yes, I wish to take part in ResidHydroTreat 2017  
Please select required package

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<tr>
<td>Delegate rate for Oil &amp; Gas operating/producing companies</td>
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<td>Delegate rate for companies supplying technologies, equipment or services</td>
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<td>ResidHydroTreat Exhibition Stand incl. 1 Delegate Place</td>
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### Options

- I would like to reserve Advertisement Space in the Event Guide  
  - USD 700

### Details

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### Payment

An invoice with bank details will be sent upon receipt of registration.

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**LOCATION OF CONFERENCE**  
The Events will take place at the Hilton Kuwait Resort, Address: Salem Sabah Al Salem Al Sabah St, Mangaf, Kuwait City, 7887, Kuwait  
Tel: +965-22256222

**ACCOMMODATION**  
EPC has negotiated a reduced rate for delegates at the Hilton Kuwait Resort. When you register for the conferences you will be sent information on how to book your accommodation.

**REGISTRATION FEES**  
Registration fee includes attendance of the symposium and exhibition, documentation, lunches, coffee breaks and networking events. Full payment must be received in order to guarantee entry. Hotel accommodation is not included.

**CONFERENCE LANGUAGE**  
The conference language will be English.

**VISAS**  
Delegates requiring visas should apply for a TOURIST VISA only. Visa support letters can be obtained from your hotel.  
PLEASE ALLOW PLENTY OF TIME TO APPLY FOR YOUR VISA.

**CANCELLATIONS**  
Cancellations made before 6 October 2017 will be refunded in full, minus an administration charge of USD 250.  
We regret cancellations made after this date cannot be refunded or credited. Substitutions may be made at any time.

**DISCLAIMER**  
EPC reserves the right to alter the content or timing of its programmes and speakers although this happens rarely. EPC is not responsible for the content of presentations by third parties or if an event is cancelled or delayed due to force majeure.

**ORGANISERS**  
Euro Petroleum Consultants (EPC) is a UK based consulting organisation supplying consulting & project management services to the oil & gas industry.  
President: Mr. Colin Chapman

**CONTACT DETAILS**  
For further information, visit website: [http://residsymposium.com](http://residsymposium.com)  
Call us: +971 (0)4 4214642  
Email us: organiser@residsymposium.com