^{5th} **Propylene Trade** & **Derivatives Markets**

2-3 Dec 2013, Singapore Goodwood Park Hotel



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Day 1 - 2 Dec 2013, Monday

- 08:00 Registration & Coffee
- 09:00 Chairman's Welcome & Introductions Rajeev M. Pandia, Chief Mentor KnowGenix

09:10 Short-term Outlook for Global Crude Markets

- Economic factors influencing benchmark Brent and Dubai price trend
 - Brent and Dubai forecast for 2014
 - Condensate demand/supply and price outlook

• RIM Intelligence pricing methodology Satoshi Hagimoto, Asia Oil Products Team RIM Intelligence Co (Singapore)

09:30 Global Naphtha Outlook and its Impact on Propylene Prices

- Global naphtha demand and production
- · Forecast of naphtha prices for 2014
- Impact of naphtha prices on gasoline and propylene markets Jiwon Chung, Managing Director Oil Price Information Service Asia

10:00 The Shale Gas Boom and its Impact on World Energy Markets

- The shale gas revolution and its potential to change the energy mix of the world
- Changing the feedstocks slate in the olefins market; PDH snags the spotlight
- The future for naphtha-based crackers
- The US' rising dominance in the LPG and petrochemicals sector: What it means for global trade flows Laique Rehman, CEO US Petrochemical
- 10:30 Discussion followed by Networking Refreshment

11:00 Propylene Market Outlook and Opportunities for Naphtha Crackers in Asia

- Performance of the global propylene and its key derivatives markets
- Olefins pricing, profitability and plant utilization rates
- Cracker production economics and competitiveness; opportunities for naphtha crackers

Wonsoo Byun, Senior Consultant Energy & Chemicals Consulting Asia Nexant Asia Limited

11:30 Planning a Successful Propylene-based Project

- Investment considerationsProcess selection and optimization
- Maximizing propylene yield from FCC
- Structuring an effective MTP process
- Alternative route to PG production Steven Kantorowicz, Vice President Petrochemicals Asia & Principal Consultant KBC Advanced Technology Pte Ltd

12:00 Harnessing the Potential of LPG through PDH

- Global LPG development and dynamics
 Competitiveness of LPG-based PDH versus NCC/FCC
- SK Gas growth strategy
- PDH project schedule

Lee Jungeun, Assistant Manager SK Gas

- 12:30 Discussion followed by Networking Lunch
- 14:05 Afternoon Chairman's Introduction Steven Kantorowicz, Vice President Petrochemicals Asia & Principal Consultant KBC Advanced Technology Pte Ltd

14:10 PDH, MTP Projects in China Spurs Propylene Derivatives Sectors

- Performance of China's propylene and derivatives sectors
- Progress of existing PDH/MTP and key derivatives projects
- Development of downstream PP, 2-EH and butanols segments
- Technological advancements, government incentives in the propylene and derivatives markets *Qu Liang, Analyst Petrochina Planning & Engineering Institute*

14:40 Petrochemical Downstream Opportunities with Sadara Mohammad A. Alazzaz

Manager, Value Park Development Sadara Chemical Company

15:10 Discussion followed by Networking Refreshment

15:40 Upstream Options, Tactical Considerations for the South Korean Propylene and Derivatives Markets

- Developments in global oil and gas markets
- Changes in the domestic upstream segment
- Growth projections for the propylene and key derivatives markets

 Propylene production processes that will help South Korea maintain its competitive edge Michael Paik, Director
 CUBE Consulting & Communications

16:10 Drivers, Restraints and Challenges for the PP Market

- Trade flows in 2013, forecast for 2014
- Applications driving market growth
- Technological trends and advancements
- Development strategies for emerging regions Makarand Dixit, Head of Marketing ONGC Petro Additions Limited (OPal)
- 16:40 Propylene and Derivatives Markets in India Rajeev M. Pandia, Chief Mentor KnowGenix
- 17:10 Discussion followed by End of Day One

Day 2 - 3 Dec 2013, Tuesday

09:00 Chairman's Introduction Wonsoo Byun, Senior Consultant Energy & Chemicals Consulting Asia Nexant Asia Limited

09:05 Mitigating Risk through the Use of Paper Swaps

- Fixed versus floating price
- Deriving the propylene and derivatives forward curve
- Hedging with different combinations: Crude/naphtha-propylene, LPG-propylene, Propylene-propylene derivatives
 Kazutaka Maeno, Senior Broker Ginga Petroleum

Sei Hong, Petrochemical Broker Ginga Petroleum (Singapore) Pte Ltd

09:45 Challenges & Opportunities in the Phenol/Acetone Market : A Trader's Perspective

- Changing Consumption patterns and Trade Flows
- in the phenol and acetone market-
- Impact of feedstock prices and challenging landscape for producers.
- China's production boom in the Phenol/Acetone value chain
- Potential of the phenol and acetone market in India and SE Asia
- Strategies to stay competitive in 2014/15 Nikunj Parekh, Director

Kempar Energy Pte Ltd

10:20 Discussion followed by Networking Refreshment

10:50 Overview and Forecast of the Acrylonitrile Market

- Demand and supply fundamentals
- Present trade flows in South Asia, ME
- Future market developments
- Impact of propylene feedstock price
- Sihwan Ryu, Trade Division Manager Hanwha Corporation

11:20 Global PO, 2-EH and Butanols Market Outlook and Forecast

- Propylene oxide demand and production
- 2-EH/butanols demand and supply fundamentals
 New production capacities in China, and its
- impact on global trade flows
- Global trade flows analysis
- Rajeev M. Pandia, Chief Mentor KnowGenix

11:50 Thailand's Propylene & Derivatives Industry Expand on Consumer Needs

- Present state of Thailand's propylene sector
- Drivers in the domestic PP industry
- Expectation of PP trade flows moving into 2014/15
- Acrylic acid market development Voravan Chaimuang

Polymer Management Division Manager

- IRPC Public Company Limited
- 12:20 Final Discussion followed by Closing Lunch

14:15 End of Conference

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