

INDIA
REFINING
SUMMIT



India Refining Summit 2016

Emerging Technologies & Challenges in Refinery Industry

29 July 2016

Le Meridien Hotel, New Delhi



messe frankfurt



Conference Overview

As per the World Energy Outlook 2011, India currently ranks 4th after US, China and Russia in terms of energy consumption and is likely to become 3rd largest as the hydrocarbon demand is projected to grow at 4 percent over next two decades. The Indian refining capacity has increased from a modest 62 Million Metric Tonnes Per Annum (MMTPA) in 1998 to approximate 235 MMTPA at present, comprising of 23 refineries - 18 under Public Sector, 3 under private sector and 2 in Joint Venture (JV), while the demand is 165 MMTPA. India has a surplus refining capacity and exports around 50 MTPA or more refined products. The Indian Government has set ambitious plans and earmarked INR 4.52 trillion under the 12 Five Year Plan for the oil & gas sector which includes INR 2.98 trillion for E& P sector and INR 1.54 trillion for the refining & marketing segments.

On the other hand India's fuel demand surged for the 13th straight month in November' 2015—aided by diesel and petrol consumption—and oil-product exports slid, oil ministry data show. It is expected that there will be 3 folds growth in the energy sector by 2040 (A/c to IEA) and similarly, the need of petroleum Products which will reach to 550 MTPA by then. This is indicative of the growing indigenous market apart from the huge export potential of the refined products.

Some of the recent highlights of Indian Refining industry:

- IOCL plans to spend Rs. 20,000 Crore for the brownfield expansion of its Gujrat Refinery
- HPCL plans to double the capacity of Vizag refinery to 15 mtpa and Mumbai refinery to 10 mtpa by 2020
- BPCL, India's second biggest state refiner, plans to spend about Rs 10,000 crore in 2016-17 to expand and upgrade its refining capacity and augment its marketing infrastructure
- Indian state run OMCs to set up largest refinery in Maharashtra.
- The 15MMTPA Paradip refinery operated by Indian oil helped the state-owned firm to overtake reliance industries to again become the country's top refiner



Key Discussion Points:

- India's Preparedness towards Being a Refining Hub
- Process Improvements and Related Advanced Technologies
- Improving Efficiency and Optimizing Operations
- Economic Viability of the Refining Industry amid Low Oil Price Scenario.
- Adoption of the Latest Technologies- Need of the Hour.
- Environmental Concerns and Related Advanced Technologies
- Safety & Hazard Concerns
- Refinery and Petrochemical Integration
- Building New Generation Refineries / EPC in Refining
- Communication & Monitoring Technologies
- Processing of heavy and sour crudes

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9015-1000 hrs	Delegate Registration & Tea
Session I Inaugural - India Refining Summit 2016- Emerging Technologies & Challenges in Refinery Industry	
1000-1010 hrs	Welcome / Lamp lighting
1010-1020 hrs	Address by Representative from Messe Frankfurt
1020-1035 hrs	Government Initiative aiding the appraisal of the industry
1035-1050 hrs	Global Refining Industry Insight in the amid Oil Price Scenario and its impression on Indian Market
1050-1110 hrs	Technological Options for Complying BS-VI Fuel Quality Standards- Indian Oil's Indigenous Portfolio
1110-1120 hrs	Q & A; Felicitation of Speakers
1120-1150 hrs - High Tea and Networking	
Session II - Technological Advancements Aiding 360 Degree Sectoral Development	
1150-1205 hrs	"ROSE® An Economic Option to Improve the Refining Margin"
1205-1220 hrs	Total Temperature Measurement of Hydro processing Reactors- Enhancing Performance and Safety
1220- 1235 hrs	Environmental Control Technologies for Oil & Gas applications
1235-1250 hrs	Desulfurization
1250-1300 hrs	Q & A; Felicitation of Speakers
1300-1400 hrs - Luncheon Network	
Panel Discussion: 1400-1445 hrs - Petrochemical - Refining Integration: A New Approach to Industry Economics	
Session III: Operational Excellence: A Must for Next Gen Refineries	
1445-1515 hrs	Refinery complex - Communication and Monitoring
1515-1530 hrs	Optimizing the Resources through Energy Efficient Plants
1530-1545 hrs	Zero Liquid Discharge for Refinery & Petrochemical- Case Study
1545-1600 hrs	Q & A; Felicitation of Speakers
1600-1615 hrs - High Tea and Networking	
Session IV: Roads Ahead : Vision 2030	
1615-1630	Imperatives for India to Emerge as Refining Hub
1630-1645	"Will Feedstocks Constrain the Growth of Petrochemicals in India? - An Outlook".
1645-1700	Conceiving Global Best Practices for Excellence
1700-1715	Vote of Thanks

**Draft program subject to modification*

DELEGATE PROFILES:

- CXO's of Oil & Petrochemical Companies
- Manufacturers & Contractors of refineries
- Project Managers
- Refining & Petrochemical Engineers
- Corrosion Control Engineers
- Operations Managers
- Technical Managers
- Safety Managers & Engineers
- Process Managers
- Purchase Managers
- R&D personnel
- Industry Consultants
- Engineering & EPC Consultants
- Industry associates from India & abroad
- Downstream Advisor
- Refining Specialist
- Head of Downstream
- New Ventures
- Business Development

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BACKGROUND INFORMATION ON MESSE FRANKFURT



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Comprising an area of 592,127 square metres, Messe Frankfurt's exhibition grounds are home to ten exhibition halls. The company also operates two congress centres. The historic Festhalle, one of the most popular venues in Germany, plays host to events of all kinds. Messe Frankfurt is publicly owned, with the City of Frankfurt holding 60 percent and the State of Hesse 40 percent.

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Contact

NAINSI JAISWAL

+91 11 6676 2386

nainsi.jaiswal@india.messefrankfurt.com

MesseFrankfurtTradeFairsIndiaPvtLtd

501 - 502, 5th Floor, A Wing, DLF Towers, Jasola, Behind Apollo Hospitals, New Delhi, 110025, India

Tel: +91 11 6676 2386 | 91 11 6676 2300

www.refining-technology.com

www.in.messefrankfurt.com