

India's Largest Oil & Gas Event

Chemtech
FOUNDATION
Inspiring Intelligence • Igniting Innovation

OceanTEX

WORLD EXPO 2012

OFFSHORE CONFERENCE & TECHNOLOGY EXPOSITION

February 8-11, 2012

Venue: Bombay Exhibition Centre, Goregaon (East), Mumbai, India

INCORPORATING

- Offshore Technology
- Gastech India
- Refining
- Corrosiontech
- Transport & Logistics



Concurrent Events:

Supported by :



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The Indian Oil & Gas Exploration Sector



Energy demand of a country with a population of over a billion is a very serious concern for its economic growth. India's energy demand is likely to increase at 3.6 per cent per annum till the year 2030. To meet with India's increasing appetite for energy, the E&P sector has received significant boost over the past decade. Introduction of NELP has been the turning point in Indian hydrocarbon space, which has encouraged the E&P companies to step up their efforts to discover new fields. Indian government has put significant effort to develop Coal Bed Methane Reserves (CBM), as India has 3rd largest proven coal reserves of in the world and holds bright prospects for commercial recovery of CBM. The government has already held nine rounds of NELP and four rounds for bidding of CBM blocks, which have been completed successfully.

New hydrocarbon discoveries and efforts to revive the aging fields have generated significant interest in domestic oil majors from the public and private sector and overseas service and technology providers in the Indian market and their number has significantly increased over the years. 2009-11 have been important years for the oil & gas industry as the country has increased its focus on development of unconventional hydrocarbon sources like shale gas and CBM India has vast underlying shale gas and CBM reserves, which can augment country's energy requirement to a great extent.

Hydrocarbon majors like ONGC and Reliance industries have aggressively expanded their shale gas portfolio over the past two years. These companies have already announced significant investments in shale gas space which will offer immense opportunities to the technology and service providers. The government is also working to develop shale gas policy and is getting geared up to invite bids for allocation of shale gas blocks in 2012.

Indian government envisions, to move beyond NELP, to Open Acreage Licensing Policy (OALP) to promote the development of E&P sector. This will provide the privilege to offer acreages continuously to the prospective bidders. The government is creating National Data Repository (NDR) to facilitate bidding rounds by improving availability of quality data. This step will place India amongst the

select nations with their own NDR.

As a result of policy decisions, there has been a qualitative and quantitative increase in country's oil & gas sector. One of the foremost decisions of the government has been to develop the sedimentary basins of India into active exploration within the earliest possible time to achieve its 'Hydrocarbon Vision 2025'. The government is trying to assure

energy security by self reliance through increased indigenous production and overseas investment in equity oil; and enhance quality of life by progressively improving product standards to ensure a cleaner and greener India. It is envisaging development of hydrocarbon sector as a globally competitive industry, which could be benchmarked against the best in the world through technology up gradation and capacity building in all facets of the industry.

Chairman, Central Advisory Board
OCEANTEX World Expo 2012



Mr. Sudhir Vasudeva
Director (Offshore)
Oil & Natural Gas Corporation Ltd

OCEANTEX/SMP/ENERTECH 2010 FACTS & FIGURES

- 223 Exhibitors (Including Collaborators/Joint Venture Partners)
- 53 Overseas Exhibitors (Including Participants/ Collaborators/Joint Venture Partners)
- More Than 10,000 Visitors
- Participation From 18 Countries
- **Support From International Associations:** The Council of EU Chambers of Commerce in India, Pipelines Industry Guild, U.K., International Marine Contractors Association (U.K) and The China Petroleum & Petrochemical Technology and Equipment (China)
- 85 Speakers from leading Indian & Overseas companies deliberating on the latest state of art technologies and trends.
- 1000 Delegates

Exploration & Production

Deep Water Exploration

- Drill Ships
- 3D Seismic Survey
- Environment & Pollution Control
- Oil Spill Containment
- Technology Transfers/Strategic Alliances for Deep Water Exploration
- Technology for CBM Exploration & Production
- Improved and Enhanced Oil Recovery Techniques to Augment Production from Existing Fields
- Reducing Cost of Finding & Lifting
- Supply of Oil Field Chemicals & Services
- Offshore Services

Oil Refining

- Creation of Additional Capacities
- Technologies for
 - Value Addition to Products
 - Optimising Product Mix
 - Cleaner Fuel Production
 - Environmental-Friendly Synthetic Lubricants
- Product Pipeline Network and Crude Oil Pipelines
 - Retailing Technologies
- Additional Infrastructure for Crude Oil Imports at Ports

Gastech India

- Greater Role of Natural Gas in Meeting Energy Demand of India
- Specialised Ships for Importing LNG
- Technology for LNG Terminal and Regasification of LNG
- Distribution Network and Monitoring Instruments
- Pipeline Network for Gas Grid
- Extraction of Value Added Products from Natural Gas
- Coal Bed Methane and Coal Liquidification Technologies

Transport & Logistics

- Modernisation of Existing Ports
- Development of New Ports
- Cargo Handling
- Cost-Efficient Offshore Loading

Others

- Foreign and Domestic Investment
- IT Solutions • Field Automation & Communication
- Joint Ventures/Strategic Alliances for Indian and Global Markets

VISITORS PROFILE

- CEOs & Senior Management of Oil Companies
- Petroleum Engineers, Manufacturers & Contractors
- Project Managers
- Refining & Pipeline Engineers
- Corrosion Control Engineers
- Operations Managers
- Technical Managers
- Safety Managers & Engineers
- Purchase Managers
- Marketing Executives
- Pollution Control Specialists
- R&D Personnel
- Industry Consultants
- Engineering & EPC Consultants
- Industry Associations from India & Abroad

SCOPE OF THE EVENT

International Exhibition

• Exploration & Production

- Oil & Gas
- CBM
- LNG Import Terminals and Allied Facilities
- Oil Field Chemicals
- Natural Gas Distribution
- Energy Conservation
- Oil Refining
- Oil Refining Chemicals and Catalysts
- Research & Development
- Plant, Equipment, Systems and Accessories Such As:

- Reactors
- Distillation Columns
- Scrubbers & Absorbers
- Heat Exchangers
- Storage Tanks
- Boilers
- Drilling Equipment and Rigs
- Flares
- Instrumentation, Automation & Control
- Pumps & Compressors
- Valves & Fittings
- Analytical, Process & Monitoring Instruments
- Cathodic Protection
- Electrical & Electronic Systems
- Material Handling
- Maintenance
- Safety
- Pipelines
- Recovery Plants
- Environ & Security
- Welding Equipment & Technology

• Pipeline Network

- Crude Oil
- Petroleum Products
- Natural Gas
- Linkages of Import of Oil & Gas Through Pipelines

• Services

- Contracting Services
- Consultancy Services
- Process Technology
- Engineering Services
- EPC and LSTK Services
- Project Consultancy
- Approval Testing and in Section Services
- Geological and Seismic Services
- Maintenance and Repair Services including Welding Shops
- Shipping, Marine & Air Services
- Pipeline Installation & Operations
- Education & Training
- Financial Services
- Infrastructure for Installation and Construction of Oil and Gas Platforms

OCEANTEX 2010 Leaders Speak...



"Energy security is amongst the most serious concern worldwide and more specific to developing nations like India. It gives me great satisfaction to note that

Chemtech has established itself as a frontrunner in organising such important events relevant to the oil and gas industry in India where, large number of industry captains, technical experts, policy makers and academic institutions have assembled to deliberate upon important issues related to energy security."

Mr. S K Srivastava

Director General
Directorate General of Hydrocarbons



"The topic Growth Drivers for Energy Security for the Decade is worth many deliberations. Right technology at right time would be a potent enabler to realise the growth target. We need to stimulate new minds to think out of the box for some technological breakthrough."

Mr. D K Pande

Director Exploration, ONGC



"Principles of Energy Policy should be based on preserving national interests, promoting development and protecting consumers."

Mr. Nelson Narciso

Director, Agencia Nacional do Petroleo Gas Natural e Biocombustiveis, Brazil



"Concerted efforts from all stakeholders - The government, industry players and consumers would be required to ensure that we succeed in our common objective of securing our energy requirements. It is difficult but achievable and I am confident that we will be able to join hands for a better tomorrow."

Mr. Rahul Dhir

Managing Director and CEO, Cairn India Ltd



"As India grows at around nine per cent GDP, we will have very limited resources during the years to come. A platform of this magnitude marked with the presence of leaders from national and overseas players is a good occasion to deliberate on the issue of energy security."

Mr. K Venkataraman

Member of Board and President Operations
Larsen & Toubro India Ltd

Glimpses of OCEANTEX World Expo 2010



Inauguration of OCEANTEX 2010

(L to R) Mr Nelson Narciso, Director, Agencia Nacional do Petroleo, Gas Natural e Biocombustiveis, Brazil & Mr D K Pande, Director (Exploration) Oil & Natural Gas Corporation Ltd Lighting the Lamp



Photographs of Some of the Exhibitors' Stall



**A Token of Appreciation From
Mr Jasu Shah, Chairman,
Chemtech Foundation to
H E Shri Kateekal Sankaranarayanan,
Hon. Governor of Maharashtra**



Best of the Best: Awardees of the OCEANTEX + SMP AWARDS 2010



- Germany • China • France • Korea • Japan
- UK • Singapore • USA • Spain • Italy

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