



HYDROCARBONS

2026

India's Hydrocarbon Resilience: Upstream Exploration, LNG Bridge and Enterprise Risk Management for Sustainable Atmanirbhar Growth

Version 2.0

31st March 2026

2:00 PM- 6:00 PM | PHD House, New Delhi

INTRODUCTION >>>>

Building on the landmark success of the PHDCCI Hydrocarbons Summit 2026 (6th February 2026), which brought together leaders to discuss upstream-downstream integration, geopolitical resilience, LNG/CGD expansion, energy transition, and Total Quality Management, the Hydrocarbons Forum 2026 is a focused, outcome-driven half-day follow-up event.

This forum introduces two strategic pillars:

- LNG's pivotal role in ensuring affordable, secure energy supply amid rising imports (projected 28–29 MMT in 2026) and the push for a 15% gas share by 2030.
- Enterprise Risk Management (ERM) to address emerging 2026 challenges, cyber threats, AI-driven disruptions, ESG compliance, and geopolitical volatility.

With esteemed partners from MoPNG, GAIL (LNG & pipeline leader), IOCL (refining powerhouse), Cairn India (upstream explorer), and IGX (gas trading platform), the forum will deliver actionable strategies aligned with Atmanirbhar Bharat, recent upstream reforms (ORDA Amendment 2025), and India's net-zero ambitions.

KEY FOCUS AREAS

- Upstream-Midstream Synergies with LNG Emphasis: Linking exploration to LNG imports, regasification, pipelines, and trading.
- Energy Security & Diversification: Mitigating risks via domestic production, LNG sourcing, and market mechanisms.
- Sustainable Transitions: Advancing green hydrogen, CBG, biofuels, and EV infrastructure.
- LNG Advancements: Infrastructure scaling, affordability, and role as a bridge fuel.
- Enterprise Risk Management (ERM): Navigating cyber, ESG, geopolitical, and operational risks.
- MSME Empowerment: TQM, ISO/QMS, and lean practices across the value chain.
- Policy & Investment: Incentives, regulatory streamlining, and PPPs for resilient growth.

EXPECTED OUTCOMES >>>>

- **A** Policy & Strategy Recommendations: Targeted inputs on upstream incentives, LNG expansions, downstream resilience, and ERM frameworks.
- **B** Enhanced Partnerships: Concrete collaborations among Cairn (upstream), GAIL/IGX (LNG/midstream), IOCL (downstream), and MoPNG.
- **C** Actionable Roadmaps: Practical strategies for LNG integration, green tech adoption, risk mitigation, and TQM implementation to accelerate energy self-reliance and net-zero goals.

TARGET AUDIENCE >>>>

- Senior officials from MoPNG and regulatory bodies.
- Leaders from upstream (e.g., Cairn India), midstream/LNG (e.g., GAIL, IGX), downstream (e.g., IOCL), and private entities.
- MSMEs, suppliers, and innovators in the hydrocarbon supply chain.
- ERM specialists, risk consultants, cyber security experts, and sustainability professionals.
- Policy makers, academics, and infrastructure developers focused on LNG and risk management.



AGENDA WITH TALKING POINTS >>>

2:00 PM- 3:00 PM (60 minutes) Keynote Session Fortifying India's Hydrocarbon Future: Upstream Strengths, LNG Bridge, and Risk-Resilient Growth

Keynote Speakers / Panelists: Senior representatives from MoPNG, GAIL, IOCL, Cairn India, IGX

Talking Points / Discussion Pointers:

- National vision for energy independence: Domestic crude (100 MMT), gas (100 BCM), refining (450 MMTPA), LNG imports (28–29 MMT in 2026).
- Upstream reforms (ORDA Amendment 2025 & Petroleum Rules 2025): Boosting E&P with LNG integration.
- Partner contributions: Cairn's exploration, GAIL's LNG/pipeline expansions (25,400+ km), IOCL's refining, IGX's trading stability.
- LNG as transition fuel: Affordability (\$6–7/MMBtu target), CGD/power/industry demand, and global supply insights.
- Balancing transitions & risks: Green hydrogen, CBG, biofuels (20% ethanol), and ERM for cyber/geopolitical resilience.
- Call to action: PPPs for LNG infrastructure (40 BCM+ new capacity by 2030) and integrated ERM frameworks.

3:00 PM- 4:20 PM (80 minutes) Technical Session I Upstream Exploration and LNG Midstream Advancements: Building Secure and Affordable Supply Chains

Focus: Led by Cairn India, GAIL, IGX, with MoPNG inputs

Talking Points / Discussion Pointers:

- Domestic production gains: Cairn's West Coast gas, OALP blocks, and linkage to LNG for reduced import dependency.
- LNG infrastructure & expansion: GAIL's terminals, regasification, pipelines, and CGD acceleration amid 10% YoY import growth.
- Market efficiency & affordability: IGX's transparent pricing, long-term contracts, CBG products, and MoUs for risk-hedged trading.
- Policy enablers: Incentives for investments, diversification, and addressing domestic output uncertainties.
- Risk mitigation in LNG: Navigating sanctions, Henry Hub-linked deals, crude basket flexibility, and supply chain resilience.
- Future outlook: Scaling to 15% gas mix by 2030, LNG-driven CGD/industrial demand, and integration with green fuels.

4:20 PM- 5:40 PM (80 minutes) Technical Session II Downstream Resilience, Sustainable Transitions, and Enterprise Risk Management in Hydrocarbons

Focus: Led by IOCL, with GAIL, MoPNG, MSME, and ERM expert inputs

Talking Points / Discussion Pointers:

- Downstream excellence: IOCL's export strategies, capacity expansion (300+ MMTPA), petrochemical integration, and sustainability metrics.
- Green & sustainable integrations: National Green Hydrogen Mission, CBG mandates (2025-26 onward), biofuels/SAF, EV charging synergies.
- TQM & MSME empowerment: Core principles, ISO/QMS/lean adoption, case studies on efficiency/sustainability, and implementation roadmaps.
- ERM in 2026 trends: Agentic AI for predictive monitoring, cyber threats (34% YoY ransom ware rise), ESG mandates (methane controls, portfolio optimization).
- Geopolitical & operational risks: Capital discipline, risk-adjusted returns in volatile LNG markets, and India-specific strategies (Atmanirbhar alignment, net-zero compliance).
- Integrated roadmaps: Digital platforms for HSE/ERM, LNG-specific risk registers, and PPPs for resilient value chains.

5:40 PM- 6:00 PM Networking High Tea & Closing Remarks Informal B2B interactions, follow-up discussions, and partnership exploration.



Key Objectives and Activities: >>>>

- Foster upstream-downstream integration to leverage domestic exploration strengths with LNG imports, refining excellence, and distribution networks for energy independence and resilience.
- Address geopolitical, operational, and market risks including sanctions, supply chain diversification, crude basket flexibility, and LNG affordability.
- Promote energy transition initiatives such as green hydrogen, compressed biogas (CBG), biofuels, ethanol blending, EV infrastructure, and cleaner technologies.
- Empower MSMEs through Total Quality Management (TQM), ISO/QMS adoption, lean practices, and compliance support across the hydrocarbon supply chain.
- Advocate for policy reforms, fiscal incentives, regulatory streamlining, and financing models to accelerate domestic production, infrastructure development, and sustainable practices.

The Committee has spearheaded transformative initiatives for over a decade, organizing flagship events such as:

- Annual Hydrocarbons Summits
- Oil & Gas Summits
- LNG Bunkering Summits
- Gas-Based Economy Conferences
- Specialized sessions on pricing, regulatory challenges, sustainability, and risk management

Under the leadership of eminent industry experts (including Chairs and Co-Chairs from leading PSUs like GAIL and IOCL), the Hydrocarbons Committee continues to position itself as a trusted leader in India's energy sector by facilitating public-private partnerships, knowledge sharing, and actionable roadmaps aligned with Atmanirbhar Bharat, energy security, and net-zero commitments.

About PHDCCI >>>>

PHDCCI has been working as a catalyst for the promotion of Indian industry, trade and entrepreneurship for the past 120 years. It is a forward looking, proactive and dynamic PAN-India apex organization. As a partner in progress with industry and government, PHDCCI works at the grass roots level with strong national and international linkages for propelling progress, harmony and integrated development of the Indian economy.

PHDCCI, acting as the "Voice of Industry & Trade" reaching out to more than 1,50,000 large, medium and small industries, has forged ahead leveraging its legacy with the industry knowledge across multiple sectors to take Indian Economy to the next level.

At the global level, we have been working with the Embassies and High Commissions in India and overseas to bring in the International Best Practices and Business Opportunities.

HYDROCARBONS COMMITTEE OF PHDCCI >>>>

The Hydrocarbons Committee of PHDCCI is one of the Chamber's most active and influential sectoral committees, dedicated to advancing India's energy security, hydrocarbon ecosystem development, and transition towards a sustainable, gas-based, and net-zero-aligned economy.

The Committee serves as a key platform for dialogue among stakeholders from the entire hydrocarbon value chain, upstream exploration & production (E&P), midstream (LNG terminals, regasification, pipelines, CGD, gas trading), downstream (refining, petrochemicals, marketing), MSMEs, regulators, ministries, port authorities, marine infrastructure developers, and sustainability experts.



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