



Government of India
Ministry of Chemicals and Fertilizers
Department of Chemicals and Petrochemicals



Summit on “Global Chemicals & Petrochemicals Manufacturing Hubs in India”

25th November – 26th November 2021

Hotel Le Meridien, New Delhi

Phygital (Physical and Digital)

Indicative Program

Day 1: Thursday, 25th November 2021

0900 – 1000 hrs.	REGISTRATION
0945 – 1045 hrs.	INAUGURAL SESSION
1130 – 1230 hrs.	Session 1: Exploring the Potential of PCPIRs and Paving Way for Inclusive Growth in Region, Sector, and Economy
1230 – 1345 hrs.	Session 2: Strategic Global Partnerships: Crucial for driving Investments and Business Development
1345 – 1500 hrs.	Business Networking Lunch
1500 – 1615 hrs.	Session 3: Evolving opportunities in Chemical & Petrochemical Industry in Post COVID Era
1615 – 1730 hrs.	Session 4: The importance of ESG (Environmental, Social, and corporate Governance) and Circular Economy in shaping the future of chemical and petrochemical industry
1730 – 1830 hrs.	Networking Tea Break
1830 – 1930 hrs.	India @75: FICCI Chemical and Petrochemical Industry Awards
1930 hrs. onwards	Business Networking Dinner

Day 2: Friday, 26th November, 2021

1100 – 1215 hrs.	Session 5: Dynamics of Feedstock: Leveraging Synergies of Value Chains between Petroleum and Petrochemicals - A Roadmap from Oil to Chemicals
1215 – 1330 hrs.	Session 6: Supply Chain Disruptions in the Chemicals & Petrochemicals Industry and Way Forward
1330 – 1430 hrs.	Business Networking Lunch
1430 - 1545 hrs.	Session 7: Emerging Trends in retaining the industrial momentum and growth in Chemicals & Petrochemicals industry <ul style="list-style-type: none"> • Importance of Sustainable Green Chemistry • Role of Digitalization
1545 - 1600 hrs.	Tea



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2nd Edition
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Detailed Program Schedule

Day – 1: Thursday, 25th November 2021

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0900 Hrs. onwards	Registration
0945 – 1045 hrs.	Inaugural Session
	Moderation by Shri Samir Kumar Biswas , Additional Secretary (Chemicals), Department of Chemicals & Petrochemicals, Ministry of Chemicals and Fertilizers, Government of India
0945 – 0950 Hrs.	Lighting of the Lamp Felicitations of the dignitaries
0950 – 0955 Hrs.	Welcome Address by Mr. Prabh Das , Chairman, FICCI Petrochemicals Committee and MD & CEO, HMEL Mittal Ltd.
0955 – 1005 Hrs.	Sectoral Presentation by Shri Yogendra Tripathi , Secretary, Department of Chemicals & Petrochemicals, Ministry of Chemicals and Fertilizers, Government of India
1005 – 1010 Hrs.	Address by Shri Mekapati Goutham Reddy , Hon'ble Minister for Industries, Infrastructure, Investments, Commerce, IT and Skill Development & Training, Government of Andhra Pradesh
1010 – 1015 Hrs.	Address by Thiru Thangam Thennarasu , Hon'ble Minister for Industries Department, Government of Tamil Nadu
1015 – 1020 Hrs.	Guest of Honour Address by Shri Bhagwanth Khuba , Hon'ble Minister of State, Ministry of Chemicals & fertilizers and Minister of State, Ministry of New & Renewable Energy, Government of India
1020 – 1035 Hrs.	Chief Guest Address by Dr. Mansukh Mandaviya , Hon'ble Minister of Health & Family Welfare and Minister of Chemicals & Fertilizers, Government of India
1035 – 1040 Hrs.	Release of Knowledge Paper prepared by FICCI & PwC
1040 – 1045 Hrs.	Concluding Remarks & Vote of Thanks by Mr. Deepak C Mehta , Chairman, FICCI National Chemical Committee and Chairman and Managing Director, Deepak Nitrite Ltd.



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Day – 1: Thursday, 25th November 2021

1130 – 1230 Hrs. Session 1: Exploring the Potential of PCPIRs and Paving Way for Inclusive Growth in Region, Sector, and Economy

Petroleum, Chemicals and Petrochemical Investment Regions (PCPIRs) have an important role to play in realizing India’s vision of becoming a \$ 5 trillion economy by 2025. This session aims to unleash the true potential of the PCPIRs and chalk out the roadmap for establishing them as global manufacturing hubs on the lines of Rotterdam-Rhine-Ruhr Area (ARRRA), Jurong Island and Bay Area Houston. Globally these three petrochemical hubs are recognized benchmarks for development of new clusters around the world. Their successful driver’s operation model are looked upon to understand the key drivers for investment.

The session will entail State Governments presenting the vision, strengths, and opportunities of PCPIRs, and the industry sharing their views on making PCPIRs to be recognized as world class manufacturing hubs in India. The ways for promoting competitive environment conducive to setting up new business units and development of global scale industrial corridors in PCPIRs sector of the country in a cluster approach will be discussed. The success of PCPIRs depends upon proactive roles by the PCPIR management in proper conceptualization and phasing of the PCPIR development and industry participation by way of investments in infrastructure and industry. The government shall act as a catalyst providing support in terms of fast-track clearances, favorable duty regime and an overall business friendly environment. To give a fillip to PCPIRs, the government may also consider time bound exemptions, subsidies, and incentives.

Moderation by Mr. Kamal Nanavaty, President, CPMA*

1130 – 1140 Hrs.	Context Setting by Shri Samir Kumar Biswas , Additional Secretary (Chemicals), Department of Chemicals & Petrochemicals, Ministry of Chemicals and Fertilizers, Government of India
1140 – 1150 Hrs.	Presentation by Mr. Venkata Pisipaty , Head - KIZAD Polymers Park, Abu Dhabi Ports
1150 – 1200 Hrs.	Presentation by Mr. Goutam Biswas , Technology Director, Technology Marketing, Chevron Chemicals on “Permian Crude to Chemicals, feedstock diversification at manufacturing hub”
1150 – 1200 Hrs.	Presentation by Mr. Prabh Das , MD & CEO, HPCL–Mittal Energy Limite
1200 – 1205 Hrs.	Presentation by Government of Andhra Pradesh*
1205 – 1210 Hrs.	Presentation by Shri M. Thennarasan , Vice Chairman & Managing Director, Gujarat Industrial Development Corporation, Government of Gujarat
1210 – 1215 Hrs.	Presentation by Shri Hemant Sharma , Principal Secretary, Industries Department, Government of Odisha
1215 – 1220 Hrs.	Presentation by Ms. Pooja Kulkarni , MD &CEO, Guidance Tamil Nadu
1220 – 1225 Hrs.	Presentation by Government of Rajasthan*



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Day – 1: Thursday, 25th November 2021

1230 – 1345 Hrs. Session 2: Strategic Global Partnerships: Crucial for driving Investments and enhancing Trade

Investment attractiveness of a country depends on a wide variety of factors, like the state of the economy (reflected by GDP growth rate), global partnerships, market dynamics (demand-supply), trade scenario (import export), policy environment, quality of infrastructure, skill and cost of manpower etc.

A rapidly changing business environment in chemicals petrochemicals industry reflects its need for continued global competitiveness. Companies that once produced only primary or commodity chemicals now produce a spectrum of chemical products, including consumer goods. Industry seems to move toward prioritization of core businesses and consolidation on a greater scale, often through big-ticket mergers and acquisitions. For players in India, scale helps to fortify their competitive advantage. Countries that are open to trade and investment are more prosperous and have competitive edge. All economic sectors require a functional global trade system. one over which the flow of chemicals and materials continues to deliver the essential ingredients and the protective properties that support societal resilience. Strategic global partnerships act as a catalyst in enhancing trade.

This session aims to unleash the strategic global partnerships which are crucial for driving investments and trade. Government initiatives will catalyze the growth of the industry in the next five years, helping to transform India into a global manufacturing hub for chemicals and petrochemicals.

Moderation by Ms. Shereen Bhan, Managing Editor, CNBC-TV18*

1230 – 1345 Hrs.	<p>Panel Discussion</p> <ol style="list-style-type: none"> 1. Mr. Deepak C Mehta, Chairman and Managing Director, Deepak Nitrite Ltd. 2. Mr. Neelanjan Banerjee, Vice Chairman & Managing Director, LANXESS India Private Ltd. 3. Mr. Rakesh Mehta, Director, Board of ExxonMobil India chemical business 4. Mr. Amit Chaturvedi, Head SCM Petchem, Reliance Industries Limited 5. Mr. William Jolly, Head of Procurement Product Supply, Crop Science, Bayer AG, Germany
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1345 – 1500 Hrs. Business Networking Lunch

Day – 1: Thursday, 25th November 2021

1500 – 1615 hrs. Session 3: Evolving opportunities in Chemical & Petrochemical Industry in Post COVID Era

The chemical & petrochemical industry serves as a feeder for many other industries, which plays an important role in our economic revival. To meet the challenges posed by the pandemic, businesses around the world had to react in agile and decisive ways. As we move into the next phase, now is the time for businesses to seek out and seize the opportunities emerging in the recovery. In the recovery, purchasing activity has resumed, bringing some relief to the consumer sector, and new unemployment claims have fallen as people begin to return to work.



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The chemical & petrochemical industry has navigated crises before through diligent fixed-cost restructuring, level-headed portfolio management, and applying a 'lean lens' to its processes. Now there is an opportunity to show how people and planet are the real drivers for business. By capitalizing on cross-sector innovation and collaboration, the chemical industry can not only build back better, but also secure its role in the post-COVID era with its improved products, services and technologies. This session aims at evolving opportunities in chemical and petrochemical industry in post COVID era.

Moderation by Mr. Kapil Malhotra, Global Business Unit Head- Fluoropolymers, Gujarat Fluorochemicals Limited

1500 – 1615 Hrs.

Panel Discussion

1. **Context Setting: Presentation** by **Mr. Rajendra Gogri**, CMD, Aarti Industries Ltd.
2. **Mr. Jonatas Melo**, Senior Vice President, Asia South, Borouge
3. **Mr. Adnan Ahmad**, Managing Director – India, Clariant Chemicals India Ltd.
4. **Mr. Narayan Krishnamohan**, Managing Director, BAS
5. **Mr. Anil Bhatia**, Vice President & Managing Director – India, Emerson

Day – 1: Thursday, 25th November 2021

1615 – 1730 hrs.

Session 4: The importance of ESG and Circular Economy in shaping the future of chemical and petrochemical industry

The ESG (Environmental, social and corporate governance) reflects a company's commitment to include environmentally conscious business practices in tandem with robust social responsibility and corporate governance. The chemical petrochemical industry has enormous opportunities to aid the circular economy. The circular economy creates incentives for market participants to contribute to a more sustainable approach to natural resources.

Through collaboration with policymakers and other stakeholders, the sector's leaders can not only offer solutions that meet new consumer demand for sustainable products but can also play a proactive role in bringing innovation into value chains to 'build back better' and help the sector move towards a more renewable, circular, and resilient future. This session aims at the importance of ESG and Circular Economy in shaping the future of chemical and petrochemical industry.

Moderation by PwC*

1615 – 1725 Hrs.

Presentations/ Talk:

1. Presentation by **Ms. Miranda Zhang**, Senior Editor, Recycled Plastics and Polypropylene., S&P Global Platts on "Asian Recycled Polymers: Sustainable plastics, sustainable growth"
2. Talk by **Mr. Frans Stokman** Executive Director Petrochemicals, CEFIC on "Pathways for Petrochemicals"
3. Presentation by **Mr. Janardhanan Ramanujalu**, Vice President, South Asia, SABIC
4. Presentation by **Mr. B K Sethu**, Managing Director, India and General Manager - CE Next Polymers, Celanese on "Sustainability and Engineering Plastics"
5. Presentation by **Mr. Ravi Kapoor**, Managing Director, Heubach Colour Pvt. Ltd.
6. Talk by **Mr. S. Sunil Kumar**, President, Henkel – India on "Importance of ESG and Circular Economy in shaping the future"



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	7. Presentation by Mr. Vishal Sharma , Senior Vice President - India, Middle East and Africa, Ecolab Inc
1725 – 1730 Hrs.	Concluding Remarks by Mr. Rajesh Srivastava , Co Chairman, FICCI Chemical Committee and CEO & MD, Jubilant Ingrevia

1730 – 1800 hrs.	Networking Tea Break
1800 – 1930 hrs.	India @75: FICCI Chemical and Petrochemical Industry Awards
1930 hrs. onwards	Business Networking Dinner

Day – 2: Friday, 26th November 2021

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1100 - 1215 Hrs.	Session 5: Dynamics of Feedstock: Leveraging Synergies of Value Chains between Petroleum and Petrochemicals – A Roadmap from Oil to Chemicals
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The session will witness policy makers and industry captains discussing the ways and means to enhance feedstock supply to the industry in pursuance of the Central Government's endeavour to balance the dependence on imports.

The agenda of discussions also includes scope of integrated petroleum and petrochemicals units to improve Naphtha supply in the domestic market, raw material distribution/sharing plan with anchor tenants and understanding the scope of transporting liquified Ethane & its viability for respective major clusters and PCPIRs.

Stakeholders will also come together to discuss consequences of US Shale Gas revolution and its impact on India besides highlighting investments in non-traditional business modes such as Propane Dehydrogenation (PDH) units, methanol-to-olefins (MTO) process and coal-to-olefins (CTO) process.

Moderation by **Mr. Janardhanan Ramanujalu**, Vice President, South Asia, SABIC

1100 – 1200 Hrs.	<p>Presentations/ Talk:</p> <ol style="list-style-type: none"> Context Setting by Shri Kashi Nath Jha, Joint Secretary (Petrochemicals), Department of Chemicals & Petrochemicals, Government of India* Presentation by Dr. SSV Ramakumar, Director (R&D and P&BD), Indian Oil Corporation Talk by Mr. Prabh Das, MD & CEO, HMEL Mittal Mr. Avinash Verma, Managing Director, ONGC Petro Additions Ltd. Talk by Mr. Reep Hazarika, Managing Director, Brahmaputra Cracker and Polymer Ltd. Presentation by Mr. B Ashok, CEO, Ratnagiri Refinery and Petrochemicals Limited Mr. Kamlesh Sharma, Executive Director – Petrochemicals, GAIL (India) Limited*
1200 – 1215 Hrs.	Chief Guest Address by Shri Hardeep S Puri , Hon'ble Minister of Petroleum and Natural Gas, Minister of Housing and Urban Affairs, Ministry of Petroleum and Natural Gas, Government of India*



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Day – 2: Friday, 26th November 2021

1215 – 1330 Hrs. Session 6: Supply Chain Disruptions in the Chemicals & Petrochemicals Industry and Way Forward

The impact of COVID has created a disruption in the supply chain in the chemicals & Petrochemicals industry. The demand was irregular across value chains. Significant capacity additions and slowing demand growth have caused the industry value pool to decline.

The chemical and petrochemical Industry leaders and financial investors alike will need to update their perspectives and management agendas to focus on recovery scenarios, regionalized supply chains, and capital productivity.

There is need for building supply-chain-resilience capabilities. During the pandemic, companies that had solid monitoring and supplier mapping capabilities down to the sub-tier site and part level had a complete picture of how the evolving crisis would affect their supply chains. This helped companies take action before the disruption hit. Some were able to avert any negative impact. The session will witness policy makers and industry captains discussing the supply chain disruptions in the chemicals & petrochemicals industry and way forward.

Moderation by Mr. Suresh Ramachandran, Country Head & Managing Director, Arkema India

1215 – 1315 Hrs.	<p>Presentations/ Talk:</p> <ol style="list-style-type: none"> Context setting by PwC Mr. Sagar Kaushik, Chief Operating Officer, UPL Ltd. Mr. Chandan Sengupta, Senior Vice President, CBT & Marketing, Haldia Petrochemicals Ltd. Mr. P.V. Ravitej, Executive Director I/c (Refineries), Bharat Petroleum Corporation Ltd. (BPCL) Mr. Shohab Rais, COO - Indian Chemical Business, Tata Chemicals Limited
1315 – 1330 Hrs.	Concluding Remarks by (Session Chairperson) Shri S. Suresh Kumar , Joint Secretary, Foreign Trade (Latin America), Department of Commerce, Ministry of Commerce & Industry, Government of India*

1330 – 1430 Hrs. Business Networking Lunch

Day – 2: Friday, 26th November 2021

1430 – 1545 Hrs. Session 7: Emerging Trends in Chemicals & Petrochemicals industry in retaining the industrial momentum and growth

- Sustainable Green Chemistry
- Role of Digitalization

To achieve a sustainability in chemical & petrochemical sector, an interdisciplinary approach is needed throughout the value chain from primary chemical production to waste management. There is no single or simple solutions in tackling environmental challenges. The policies need to maximize co-benefits and ensure sustained impact. Sustainable chemical



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manufacturing strategy has increasingly focused on designing safer chemicals, use of renewable feedstocks, and design for energy efficiency.

Adding value by balancing the economic, social and environmental impact of the pandemic is becoming an overarching management principle in the chemical industry value chain. Chemical companies are incorporating sustainability and green-chemistry initiatives by constantly improving products, technology and processes, and working closely with customers and suppliers across their value chains.

While advanced digital technologies were already changing the business landscape, their applicability assumes even greater importance in today's greater uncertainty. Innovations in Digitalization area are being taken up by industry, with 80% of 360 chemical companies reporting an increase in investment in digital technologies for plants, in particular on plant management and product quality.

Technological transformation will also have been given a boost by the experience of virtualization and new ways of working by staff during the pandemic lockdown. It is likely to accelerate the move to a more mobile workforce, able to work virtually and at distance. Companies will want to consider what worked well during the crisis and look at the opportunities for future workforce productivity and flexibility. Digital adoption has taken a quantum leap at both the organizational and industry levels. This session aims to focus how innovations and R&D enchantments driving Sustainable Growth in the Industry and the role of digitalization in retaining the industrial momentum and growth.

Moderation from **PwC**

1430 – 1545 Hrs.	<p>Panel Discussion</p> <ol style="list-style-type: none"> Mr. Ajai Sirohi, Chief Development Officer, Toray Industries Mr. RG Agarwal, Group Chairman, Dhanuka Agritech Ltd. Ms. Vinati Saraf Mutreja, CEO and Managing Director, Vinati Organics Limited Mr. Vinod Kumar, Managing director, Chemical & Natural resources, Accenture Air Liquide
1545 – 1600 Hrs.	High Tea

* **Confirmation Awaited**