

GRPC



2025

GLOBAL REFINING & PETROCHEMICALS CONGRESS

9th
Edition

10th

11th

JULY
2025

Hotel Le Méridien, New Delhi, India

THEME:

"THE NEXT HORIZON:
DOWNSTREAM 2030,
INNOVATIONS FOR A
LOW-CARBON FUTURE."

Organised By:



Co-Organiser:



www.refpet.com



FOREWORD

As we embark on the transformative journey towards 2030, the downstream industry finds itself at the crossroads of innovation and sustainability. It is with immense pride and anticipation that we introduce the theme for GRPC 2025: "The Next Horizon: Downstream 2030, Innovations for a Low-Carbon Future." This theme underscores our collective responsibility and ambition to reimagine the downstream sector in light of pressing environmental imperatives and unprecedented technological advancements.

The global energy landscape is undergoing a paradigm shift. Refining and petrochemicals, long regarded as the backbone of industrial progress, are now at the forefront of shaping a sustainable future. The challenges posed by climate change, resource constraints, and evolving consumer expectations demand that we transition from traditional practices to innovative, low-carbon, and resilient models. This transformation is not merely a necessity—it is an opportunity to redefine the industry's role in a sustainable global economy.

The GRPC 2025 conference serves as a pivotal platform to explore and exchange ideas on how the downstream industry can lead this charge. By convening global leaders, policymakers, innovators, and thought leaders, we aim to foster collaboration and spark discussions that catalyze transformative change. The conference will spotlight critical areas such as:

- **Decarbonization Strategies:** Exploring pathways to achieve net-zero emissions through renewable feedstocks, green hydrogen, biofuels, and advanced recycling techniques.
- **Digital Innovation:** Leveraging AI, IoT and digital twins to optimize operations, enhance efficiency and drive sustainability.
- **Integration and Circularity:** Accelerating the convergence of refining and petrochemicals to create value-driven, circular ecosystems.
- **Policy and Market Dynamics:** Understanding regulatory frameworks and market trends shaping the future of refining and petrochemicals.

India, with its dynamic economy and robust industrial base, is uniquely positioned to lead this transformation. As one of the world's largest refining hubs and a rapidly growing petrochemical market, India offers unparalleled opportunities for innovation, investment, and collaboration. The industry's commitment to integrating renewable energy, adopting sustainable practices, and enhancing operational excellence is a testament to its readiness to embrace the future.

GRPC 2025 is not just a conference; it is a movement to inspire, innovate, and implement solutions that will shape the downstream landscape for decades to come. It is a call to action for stakeholders to push boundaries, think beyond conventions, and co-create a future that aligns economic growth with environmental stewardship.

We invite you to join us at this landmark event as we chart "The Next Horizon. "Together, let us pioneer innovations for a low-carbon future and set the course for a sustainable and resilient downstream industry. The journey to 2030 begins here.





www.refpet.com



EVENT INFO

The Global Refining & Petrochemicals Congress (GRPC) has emerged as the flagship downstream forum of India and a truly global platform for industry convergence. Since the first edition held in 2015, GRPC has grown into an unparalleled forum that brings together policymakers, asset owners, licensors, contractors, technology pioneers, research organizations, and equipment suppliers to shape the future of the refining and petrochemicals sector. Now in its 9th edition, GRPC 2025 continues to be the definitive venue for collaboration, knowledge-sharing, and innovation.

GRPC is designed to address the evolving opportunities and challenges in the downstream sector, offering deep insights into smart manufacturing, renewable fuels, sustainability, regulatory frameworks, operational excellence, and advanced process technologies. It also emphasizes critical developments in catalyst innovations and complex integrations, all while spotlighting global and regional market trends.

A cornerstone of GRPC is its role as a niche networking hub, where participants can interact with leading experts, technology partners, researchers, and peers from both industry and academia. The event attracts a diverse mix of speakers, delegates, exhibitors, and attendees, creating a vibrant ecosystem for the exchange of transformative ideas and discussions on energy and sustainability.

GRPC's legacy is rooted in its ability to align with the strategic priorities of the global refining and petrochemicals industry. It is committed to guiding the sector towards an agile, lean, and sustainable future, fostering innovation and resilience in an era of dynamic change. As the premier event for those involved in the refining and processing of hydrocarbons, GRPC serves as a catalyst for industry transformation, ensuring that stakeholders remain ahead of the curve.

GRPC 2025 is poised to set new benchmarks, reinforcing its stature as the ultimate platform for shaping the downstream industry's trajectory, both in India and on the global stage.



THE MEETING PLACE FOR GLOBAL DOWNSTREAM INDUSTRY

DELEGATE PROFILE

- ◊ Top Management of Oil Producers, Refining, Petrochemical & Chemical Companies
- ◊ HSE Head/ Engineers/ Managers
- ◊ Heads & Managers (Operations, Sales, Marketing, Strategy & Business Development)
- ◊ Heads, Managers (Production, IT Service, Plant, Terminal & Project)
- ◊ Pollution Control Specialists
- ◊ Regulators, Legal Policy Makers & Govt. Officials
- ◊ Technology/Equipment Suppliers & Manufacturers
- ◊ Investment Banking/ Financiers
- ◊ Engineering & EPC Contractors
- ◊ Head Refinery / Petrochemical Plant
- ◊ Industry Associates from India & Abroad
- ◊ Heads & Managers (Purchase, Technical and Process & Technology)
- ◊ Municipalities
- ◊ New Technology Providers
- ◊ Refining & Petrochemical Engineers
- ◊ R & D Engineers & Scientists
- ◊ Trade Media Personnel
- ◊ Academia





CALL FOR PAPERS

The GRPC 2025 has developed a list of focus topics that are considered timely and appealing for presentation in the conference on which authors are requested to submit the abstract of 400 words using GRPC's abstract submission system at www.refpet.com. The last date of the submission is 15th June 2025. The abstracts will be evaluated by team of expert advisory members which will be selected based on the relevance and uniqueness in lines to the technical content.

Abstracts must be in English & should not exceed 400 words. They will be evaluated based on relevance, uniqueness/originality, technical content, and clarity. Key areas for deliberations to be addressed during the conference include the following:

- ❖ Fueling the Future: India's Dynamic Outlook in Refining & Petrochemicals
- ❖ Navigating Tomorrow: Innovating for Resilience and Sustainability in Downstream Operations
- ❖ Green Horizons: Powering India's Future with Sustainable Hydrogen Solutions
- ❖ Catalyzing Tomorrow: Unleashing the Power of NextGen Catalyst Technologies
- ❖ Revolutionizing Refinement: Process Technology Innovations Shaping the Future
- ❖ Seamless Synergy: Maximizing Integration for Enhanced Refining & Petrochemicals Operations
- ❖ Digital Mirrors: Navigating the Future with Virtual Plants Technologies
- ❖ Elevate, Integrate, Innovate: Charting the Digital Future of the Downstream Value Chain
- ❖ Smart Conduits: Charting the Course with Intelligent Pipeline Systems for a Clean Energy Horizon
- ❖ Beyond Emissions: Strategies and Solutions for Downstream Decarbonization

THE THEME

The Next Horizon: Downstream 2030, Innovations for a Low-Carbon Future

The GRPC 2025 theme underscores the transformative journey of the downstream oil and gas sector as it aligns with global aspirations for a sustainable, low-carbon future. "The Next Horizon: Downstream 2030" envisions a dynamic interplay of innovation, technology, and collaboration, propelling the industry towards reduced carbon footprints while ensuring energy security and economic growth.

Focusing on cutting-edge solutions like renewable integration, advanced refining techniques, and circular economy models, the theme highlights the sector's potential to be a cornerstone of the energy transition. It calls for proactive measures, policy frameworks, and cross-industry synergies to build a future where downstream operations are not only efficient but also environmentally responsible.

This vision sets the stage for stakeholders to pioneer breakthroughs and redefine the role of the downstream sector in the global energy ecosystem.



SHOWCASING MEGA DOWNSTREAM OPPORTUNITIES

CONFERENCE PROGRAM

INDIAN STANDARD TIME

(Day 1) 10th July 2025 Thursday

0900-1000 Hrs	REGISTRATION	
1000-1130 Hrs	INAUGURAL SESSION	Global Energy Transition: The Role of Downstream in a Low-Carbon Economy
1130-1200 Hrs	TEA BREAK	
1200-1315 Hrs	OPENING LEADERSHIP PANEL	Fueling the Future: India's Dynamic Outlook in Refining & Petrochemicals
1315-1400 Hrs	NETWORKING LUNCH	
1400-1500 Hrs	PLENARY SESSION	Green Horizons: Hydrogen, Biofuels and e-Fuels in Downstream Operations
1500-1530 Hrs	TEA BREAK	
1530-1700 Hrs	TECHNICAL SESSION I	Revolutionizing Downstream: The Role of Next-Generation Catalysts in a Sustainable Future
1700-1800 Hrs	TECHNICAL SESSION II	AI in Downstream: Transforming Operations Through Smart Automation and Data-Driven Insights
1800-1830 Hrs Special Invited Pre Dinner Talk by Prof K.K. Pant, Director, IIT Roorkee & Former FPI Professor		
1830 Hrs ONWARDS DOWNSTREAM INDIA AWARDS 2025 & NETWORKING RECEPTION		
(Day 2) 11th July 2025 Friday		
0930-1030 HRS	LEADERSHIP PANEL III	Seamless Synergy: Maximizing Integration for Enhanced Refining & Petrochemicals Operations
10:30-11:00 HRS	TEA BREAK	
1100-1230 HRS	TECHNICAL SESSION-III	Breakthrough Technologies & Case Studies
1230-1330 HRS	LEADERSHIP PANEL - IV	Beyond the Barrel: The Circular Economy's Impact on Refining & Petrochemicals
1330-1415 HRS	NETWORKING LUNCH	
1415-1515 HRS	TECHNICAL SESSION-IV	Revolutionizing Refinement: Process Technology Innovations Shaping the Future
1530-1630 HRS	CLOSING PLENARY	Accelerating Decarbonization: Key Takeaways, Actionable Insights, The Role of CCUS and Beyond
1600 ONWARDS NETWORKING TEA		



REGISTER NOW FOR GRPC 2025



**INDIA'S FLAGSHIP
DOWNSTREAM INDUSTRY FORUM**

PARTICIPATION OPPORTUNITIES



SPEAK

GRPC 2025 seeks to educate its audience, ensuring industry practitioners are equipped to adapt to the fast-changing facets of the transitioning Refining & Petrochemical sector. Apply to be part of the speaker programme. You will be contacted by one our team members if we have an opportunity for you!



EXHIBIT

Highlight your products, services, and technologies in a dedicated exhibition space. Connect with prospective clients and collaborators driving the energy transition.

These opportunities allow participants to engage meaningfully with industry leaders, showcase expertise, and forge impactful connections at the region's most premier event for the downstream sector.



ATTEND

Global Refining & Petrochemicals Congress Conference offers attendees a thought provoking technology & networking forum showcasing global industry experts. Learn, Share, Experience & Network with the national, regional & global leaders of the Downstream Industry.



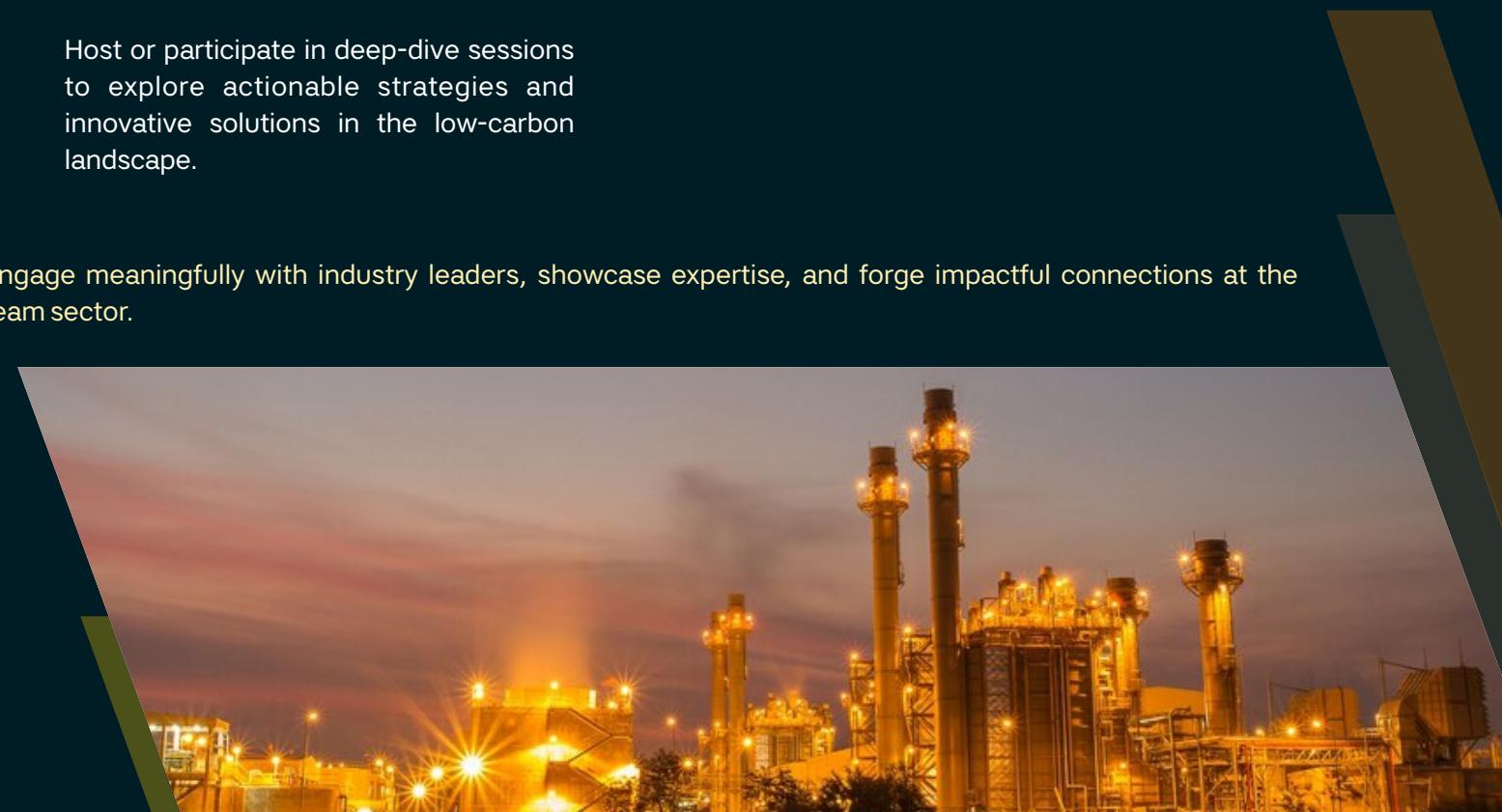
WORKSHOPS

Host or participate in deep-dive sessions to explore actionable strategies and innovative solutions in the low-carbon landscape.



PARTNER

GRPC 2025 provides a host of sponsorship, branding & advertising opportunities suited to meet your brand objectives. From thought leadership positioning, networking opportunities to high visibility branding and advertising campaigns, our packages are designed to maximize benefits and ensure high returns on your investments.



THE LEGACY

Global Refining & Petrochemicals Congress (GRPC) is today one of the premier global forums that brings together the national, regional & global stakeholders of industry to deliberate, demonstrate & collaborate on downstream industry. Through the intellectual capital that accrues through the plenary and technical tracks of it's conference, GRPC has consistently stood out as a thought - starter, change - agent and signpost . An event of immense significance to the sector, the success of Global Refining & Petrochemicals Congress has been well substantiated in its previous editions through widespread acknowledgement and attendance from the global spill mitigation fraternity.



Each edition has enriched its legacy presenting a rich assortment of diverse, pertinent and eminently interesting subjects of concern to the downstream industries, whilst showcasing the technological depth and knowledge repertoire of the industry to the wider global audience; thus setting the stage for the future through "the age of downstream transformation".

PAST INDUSTRY PARTNERS



GRPC 2024 FEATURED SPEAKERS



PRABH DAS
MD & CEO
HMEL



DR. R. K. MALHOTRA
Former Director General, FIPCI &
Former Chairman & Director (R&D)
IOCL



SMT. VARTIKA SHUKLA
Chairman & Managing Director
EIL



SANJAY KHANNA
Director Refineries
BPCL



SUJOY CHOUDHURY
Director (Planning & Business Development)
IOCL



S. BHARATHAN
Director Refineries
HPCL



RAJIV AGARWAL
Director Technical
EIL



Alok Sharma
Director (R&D)
Indian Oil Corporation Limited



DR. PARTHA P. MAITRA
President - Strategy & Initiatives
Reliance Industries Limited



R C AGARWAL
Executive Director
CHT



VIPUL KUMAR MAHESHWARI
Executive Director-R&D
HPCL



SUJIT PILLAI
Scientist F
MNRE



A TIRUPATI NAIDU
Executive Director - Refinery Co-ordination
HPCL



S. MITRA
Former ED (Petrochemicals)
IOCL



AMAR KUMAR
Head of Refinery
Nayara Energy Limited



MANU SEHGAL
Vice President, Strategy &
Feedstock Supply Group,
HMEL



ANSHU SHARMA
Vice President -
Petrochemicals, Operations & Maintenance
HMEL



SANJAY PAPNEJA
Chief General Manager Petrochemical Project
IOCL



KUSHAL KUMAR BANERJEE
CGM Business Development
HPCL



PRATEEK SHANWARE
CGM Technical
BPCL



VIPAN GOEL
Sr. Sales Director
WR Grace



DR. ANJAN RAY
Chairman, Petroleum Coal &
Related Products Division Council (PCDC)
Bureau of Indian Standards



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CGM IS & Digital
BPCL



NITIN KHANNA
Managing Director - Energy
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MoPNG



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COO
FOWE Eco Solutions Ltd.



V KAMESH JAYANTI
Asst. General Manager
EIL-R&D



CALLUM ADAMSON
Chief Executive Officer
Kashmir Intelligence



DR. SAMYAKH TUKRA
Chief Artificial Intelligence Officer
Kashmir Intelligence



FRANCOIS LOCATELLI
Managing Director-Head of Asia Business Unit
Eurecat Services Asia Pacific Pte Ltd



GIL COHEN
CEO
Imubit



AJIT KULKARNI
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AVEVA



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PANKAJ PAWAN
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RAFAEL GONZALEZ
Regional Marketing Manager Asia Pacific & India
WR Grace



ATUL THAKKAR
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Siemens Energy



SANJAY BINEEWALE
Head of Sales, Process Catalyst- South Asia
BASF



SACHIN CHUGH
Associate Director &
Lead (Hydrogen & Energy)
ARUP UK



PRANAY SINGH
Global Emerging Leaders President &
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Fluor Daniel India Pvt Ltd



SAPIN GOPI
Sr. Fire and Safety Manager
IOCL



VENKATA SUDHAKAR
Technical Services Manager
BPCL



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Sales & Commercial Manager-
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SHREYANSH UPADHYAY
Senior Principal – Energy
Accenture in India



CAREL POUWELS
Global FCC Specialist Light Olefins
Ketjen Albermarle

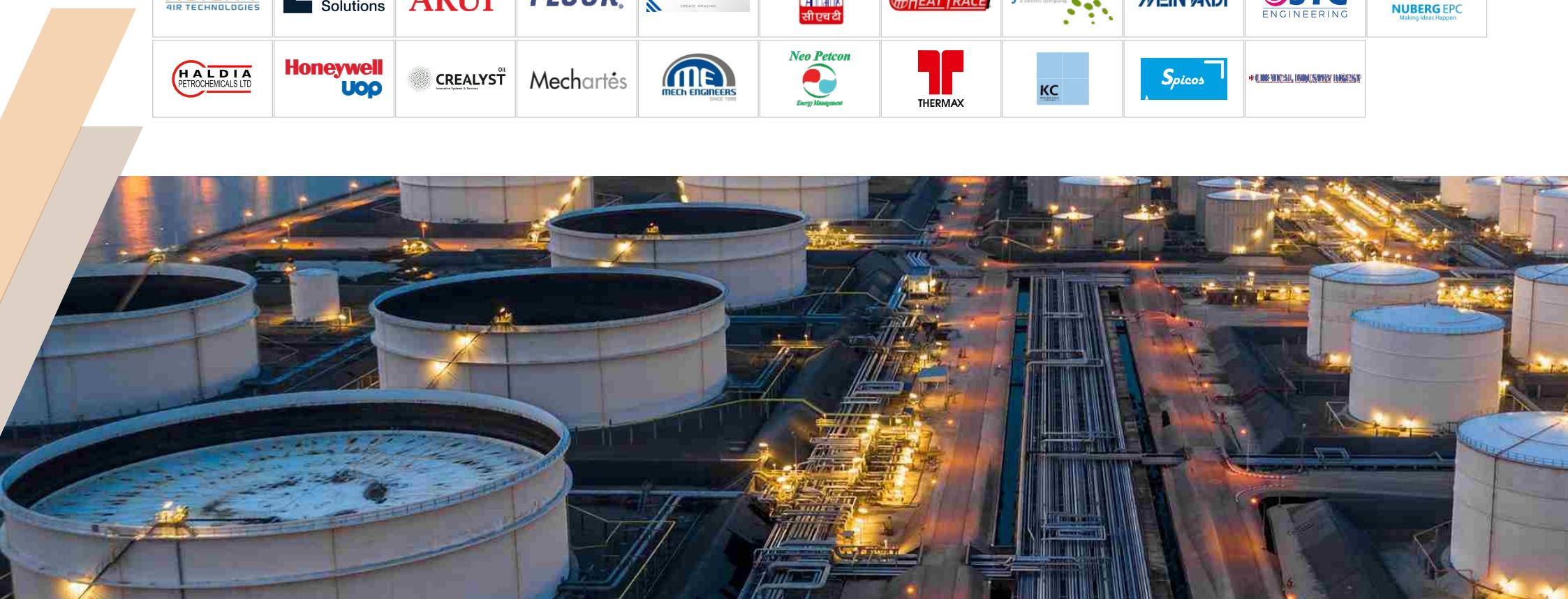


MUKUND BALACHANDRAN
Senior Technical Service Manager
WR Grace

GRPC 2024 PARTICIPATING ORGANISATIONS



accenture											



*IN LOVING
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OF*



LATE SHRI. ANAND KUMAR JI
28TH JUNE 1950 - 30TH AUGUST 2020
FORMER DIRECTOR (R&D), IOCL &
FORMER HONORARY CHAIRMAN,
ENCIS





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ORGANISER

The Energy and Climate Initiatives Society (ENCIS) is a registered non-profit organisation that supports, encourages & catalyzes the development, discussion and dissemination of consequential research and projects in energy and climate protection industries. An independent, nonpartisan organisation that facilitates stakeholder's analysis and decisions on policy frameworks and initiatives within the global frameworks of sustainable development.

ENCIS produces exclusive and pertinent multi-platform contents fostering inclusive economic prosperity through safer, cleaner, more equitable and climate-friendly energy initiatives. With leading experts on environment, natural resources and energy, the Advisory Board of ENCIS provides the key impetus to the organisation's initiatives & strategic insights on the evolving global industry, steering an immensely profound impact on the economic, environmental and strategic landscapes of the future.

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