



4th Rosefield Conference on Circular Economy in Used Oil

From Policy to Practice



26th May, 2025



Taj Palace, New Delhi

DETAILED AGENDA

Organised By



In Association with



Guiding Partner



Resource Efficiency
and Circular Economy
Industry Coalition



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CONFERENCE AGENDA

Time	Session Details
09:00 AM - 10:00 AM	Registration & Networking Breakfast
10:00 AM - 10:40 AM	Inaugural Session: <ul style="list-style-type: none"> • Safety & Welcome Address • Lighting the lamp • Setting the context & conference objectives
10:40 AM - 11:00 AM	Keynote Address: EPR for Used Oil in India: Progress, Challenges & Future Roadmap
11:00 AM – 11:20 AM	Tea & Networking Break
11:20 AM – 12:15 PM	Session 1: EPR Policy to Practice - Working together with OEMs to maximize Recycling
12:15 PM - 12.35 PM	Session 2: Defining Quality & Specifications of RRBO - BIS view
12.35 PM - 01.15 PM	Session 3: Gr.I & Gr.II RRBO Refinery Technology and Investment required
01:15 PM - 02.15 PM	Networking Lunch
02:15 PM – 03:15 PM	Session 4: Session by CPCB
03.15 PM - 04.15 PM	Session 5: Value Chain Costing - From Generation to Recycling thru' Collection to Residue Reuse
04.15 PM - 04.45 PM	Networking Tea
04.45 PM - 05.45 PM	Session 6: Making EPR Work: Collaboration Among Producers, Collectors & Re-refiners: A 'Deep Dive Dialogue' by Industry Leaders
05:45 PM – 06:00 PM	Closing Remarks & Vote of Thanks: Summary of discussions & next steps Vote of thanks



INAUGURAL SESSION

Session Summary:

Mr. Shailendra Gokhale, Managing Director at Rosefield Energy Tech, will officially open the conference with a welcome address. His remarks will set the stage for the event, offering an overview of key industry trends and highlighting the opportunities ahead for delegates.

Speakers:



Shailendra Gokhale

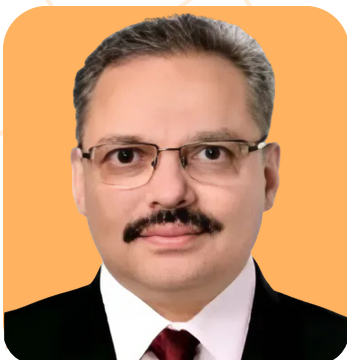
Founder & Director
Rosefield Energy Tech

Setting the Context

Session Summary:

Dr. SSV Ramakumar will deliver this opening session, offering a comprehensive overview of the current dynamics of India's used oil circular economy. His address will set the stage for the conference by providing key context and insights that tie into the various sessions that follow, ensuring delegates remain aligned and derive maximum value throughout the event.

Speakers:



Dr SSV Ramakumar

Chief Technology Officer
AM Green



KEY NOTE ADDRESS

Session Summary:

Mr. Srinivas will highlight the progress of EPR for used oil in India, key challenges in implementation, gaps and improvement in the current system. He will also outline a future roadmap to strengthen compliance, improve collection, and promote sustainable oil management.

Speakers:



CH Srinivas

Executive Director, Lubes,
Hindustan Petroleum Corporation Limited (HPCL)

Chair, Used Oil Working Group
RECEIC

Address By Chief Guest

Session Summary:

Circular Economy in Used Oil is going to be a key driver to reduce carbon footprint and spend less precious foreign exchange for our country. It also has potential to generate jobs in the entire value chain of Circular Economy. MoEFCC is keen to support Industry's endeavour to accelerate Circular Economy agenda. It is therefore important for all stakeholders to move from Policy to Practice

Speakers:



Neelesh Kumar Sah

Joint Secretary
MoEFCC



GUEST OF HONOR



Sandeep Kalia

Managing Director
Valvoline Cummins Pvt Ltd



Madanlal Khandelwal

President
PRAI



Bharat Kumar Sharma

Member Secretary
CPCB



SESSION - 1

EPR POLICY TO PRACTICE - WORKING TOGETHER TO MAXIMIZE RECYCLING

May 26 | 11:20 AM – 12:15 PM

Session Summary:

This panel discussion brings together key stakeholders from the automotive OEM sector, lubricant manufacturing and re-refining industries. The session will delve into the systemic challenges faced by the collection agents and identify regulatory gaps hindering the effective implementation of Extended Producer Responsibility (EPR). Panelists will share global best practices and explore collaborative strategies to enhance compliance, improve collection mechanisms, and build a robust recycling ecosystem. The session aims to drive actionable dialogue on translating EPR policies into impactful, on-ground practices.

Key Takeaways:

- ▶ An overview of current challenges in enforcing Extended Producer Responsibility (EPR) within the lubricant waste management chain, highlighting key regulatory, infrastructural, and systemic gaps and improvements that hinder efficient collection and recycling.
- ▶ Insights into successful international EPR implementations, showcasing replicable models and frameworks that have driven effective recycling and waste management outcomes.
- ▶ Practical strategies to align OEMs, lubricant manufacturers, collection agents, and policymakers, emphasizing the need for coordinated efforts to establish a robust, sustainable lubricant recycling ecosystem.

Panel:



Dr Kalpendra Rajurkar
General Manager Technology
Veedol Corporation



P Ramesh
Senior Manager
Ashok Leyland
Technical Centre



Philip Mathew
Secretary General
PRAI



Dr Kavita Rai
Deputy General Manager R&D
Indian Oil Corporation Limited



SESSION - 2

DEFINING QUALITY & SPECIFICATIONS OF RRBO – THE BIS PERSPECTIVE

May 26 | 12:15 PM - 12:35 PM

Session Summary:

This session, led by Dr. Y. P. Rao—an instrumental figure in shaping the BIS specifications for Re-Refined Base Oil (RRBO)—will offer an in-depth understanding of the regulatory and quality framework set by the Bureau of Indian Standards. As RRBO gains traction among lubricant manufacturers, defining and maintaining its quality becomes paramount. The session aims to provide strategic insights into the BIS's approach, enabling lubricant companies and re-refiners to align their practices with national standards and ensure consistency, safety, and performance in formulations using RRBO.

Key Takeaways:

- ▶ Overview of the BIS standards for RRBO and their significance in the evolving lubricant industry.
- ▶ Strategic insights into the development process and intent behind BIS specifications.
- ▶ Understanding the implications of RRBO quality for lubricant formulations.
- ▶ Guidance for lubricant manufacturers and re-refiners on aligning with BIS norms.
- ▶ Anticipated role of RRBO in the future of sustainable lubricant production.

Speaker:



Dr Y P Rao

Independent Professional
Former CTO – Gulf Oil International Group



SESSION - 3

GROUP I & GROUP II RRBO – REFINERY TECHNOLOGY AND INVESTMENT REQUIREMENTS

May 26 | 12.35 PM - 01.15 PM

Session Summary:

This session aims to equip Indian re-refiners with insights into advanced technologies required to produce high-quality Group I and Group II equivalent Re-Refined Base Oils (RRBO). As India's re-refining industry primarily produces Group I equivalent RRBO, the session will explore the role of additives and manufacturing processes critical to improving both the quality and yield of RRBO. It will also cover the technological landscape, investment considerations, and strategic planning necessary for Indian re-refiners to upgrade and stay competitive in the evolving lubricant ecosystem.

Key Takeaways:

- ▶ Key considerations for capital investment, infrastructure upgrades, and strategic planning to enhance re-refining capabilities
- ▶ Guidance on future-proofing operations to align with circular economy goals and evolving quality standards in the lubricant industry
- ▶ Overview of advanced international technologies and global best practices for producing high-quality Group I and II equivalent RRBO

Speaker:



Kedar Gore

Partner
Rosefield Energy Tech



Lalit Madan

Sr. Technologist
Infineum India



Darshan Jindal

Founder and Managing
Director
Balaji Consultants



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SESSION - 4

CPCB PERSPECTIVE ON USED OIL EPR – ADDRESSING STAKEHOLDER CONCERNS

May 26 | 02:15 PM – 03:15 PM

Session Summary:

This session, featuring a representative from the Central Pollution Control Board (CPCB), will offer valuable insights into the regulatory framework governing Extended Producer Responsibility (EPR) for used oil in India. As the nodal agency responsible for formulating and enforcing EPR regulations, CPCB will address common concerns raised by stakeholders—including issues related to registration, EPR certificate generation and pricing, and regulatory enforcement. By fostering transparent dialogue, the session aims to bridge the gap between policymakers and industry players, facilitating smoother implementation and compliance.

Key Takeaways:

- ▶ Clarification of stakeholder registration procedures and related ambiguities under the EPR framework.
- ▶ Insights into the process, pricing, and allocation of EPR certificates.
- ▶ CPCB's perspective on monitoring and enforcement of EPR regulations.
- ▶ Addressing stakeholder challenges across the used oil value chain—producers, collectors, re-refiners, and lubricant companies.
- ▶ Strengthening collaboration between industry and regulatory authorities for effective policy implementation.

Speaker:



Deepti Kapil

CPCB



SESSION - 5

VALUE CHAIN COSTING – FROM GENERATION TO RECYCLING THROUGH COLLECTION TO RESIDUE REUSE

May 26 | 03.15 PM - 04.15 PM

Session Summary:

This session will provide a comprehensive analysis of the cost dynamics across the entire used oil value chain—from generation and collection to re-refining and residue reuse. With multiple stakeholders involved at each stage, understanding cost structures is essential for strategic decision-making. The discussion will delve into opportunities for establishment of cost and price, potentially positioning Re-Refined Base Oil (RRBO) competitive with virgin base oils. Additionally, the session will explore the utilization of residues generated during the re-refining process, highlighting its potential to enhance overall economic efficiency within the industry.

Key Takeaways:

- ▶ End-to-end value chain analysis of used oil, covering generation, collection, re-refining, and residue management.
- ▶ Insight into cost structures and key cost drivers across different stages of the value chain.
- ▶ Strategic approaches for cost optimization to improve the competitiveness of RRBO
- ▶ Economic and environmental benefits of utilizing re-refining residues.
- ▶ Valuable perspectives for stakeholders aiming to build a more efficient and sustainable re-refining ecosystem.

Speakers:



Himakar Sarraju
Independent Business
Consultant



Bhaskaran Nagarajan
COO
Rosefield Energy Tech



Syed Ashfaq Ahmed
Chairman
KarRecycle Centre LLP
Joint Secretary
Petroleum Re-Refiners Association
of India (PRAI)



Bhavesh Bhambhani
Research Scholar
IIT Roorkee



SESSION - 6

MAKING EPR WORK: COLLABORATION AMONG PRODUCERS, COLLECTORS & RE-REFINERS: A 'DEEP DIVE DIALOGUE' BY INDUSTRY LEADERS

May 26 | 04.45 PM - 05.45 PM

Session Summary:

This panel session will feature senior executives from leading government and private lubricant and additive companies, along with representatives from key industry and government bodies. The discussion will focus on solutions to the challenges in used oil collection, including the development of robust collection networks, expansion of re-refining capacities, and integration of both organised and unorganised sectors into a unified, transparent system. The session will also offer insights into how the lubricant industry is aligning its strategies with the evolving sustainability landscape in India.

Key Takeaways:

- ▶ Strategic approaches to enhancing used oil collection and integrating organised and unorganised sectors into a transparent, efficient re-refining ecosystem
- ▶ Industry insights on aligning lubricant sector growth with national sustainability goals and circular economy initiatives

Panel:



Dr SSV Ramakumar
Chief Technology
Officer
AM Green



Abhijit Sen Roy
General Manager
(Technical Services)
Indian Oil Corporation
Limited



Sudhir Kumar
Advisor to
RECEIC & FICCI



Nandan Agrawaal
Managing Director
Nandan Petrochem Ltd



Sarvesh Tomar
GM - I/C - Product and
Application
Development
BPCL



Akhileshwar Jha
Chief Technology Officer
Valvoline Cummins Pvt
Ltd



CLOSING REMARKS & ACKNOWLEDGEMENT

May 26 | 05:45 PM – 06:00 PM

Session Summary:

Ms. Kasturi Bhawe will conclude the conference by summarizing the key discussions and insights from the day's panel and individual sessions. She will also extend heartfelt acknowledgments to our sponsors, exhibitors, and supporters, whose contributions and participation have been instrumental in making this conference a success.

Speaker:



Kasturi Bhawe

Co-founder and CFO
Rosefield Energy Tech



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