

Sustainability

Sustainable Future As Forward-Thinking Approach

“Today’ s Steps will Save & Protect US Tomorrow”



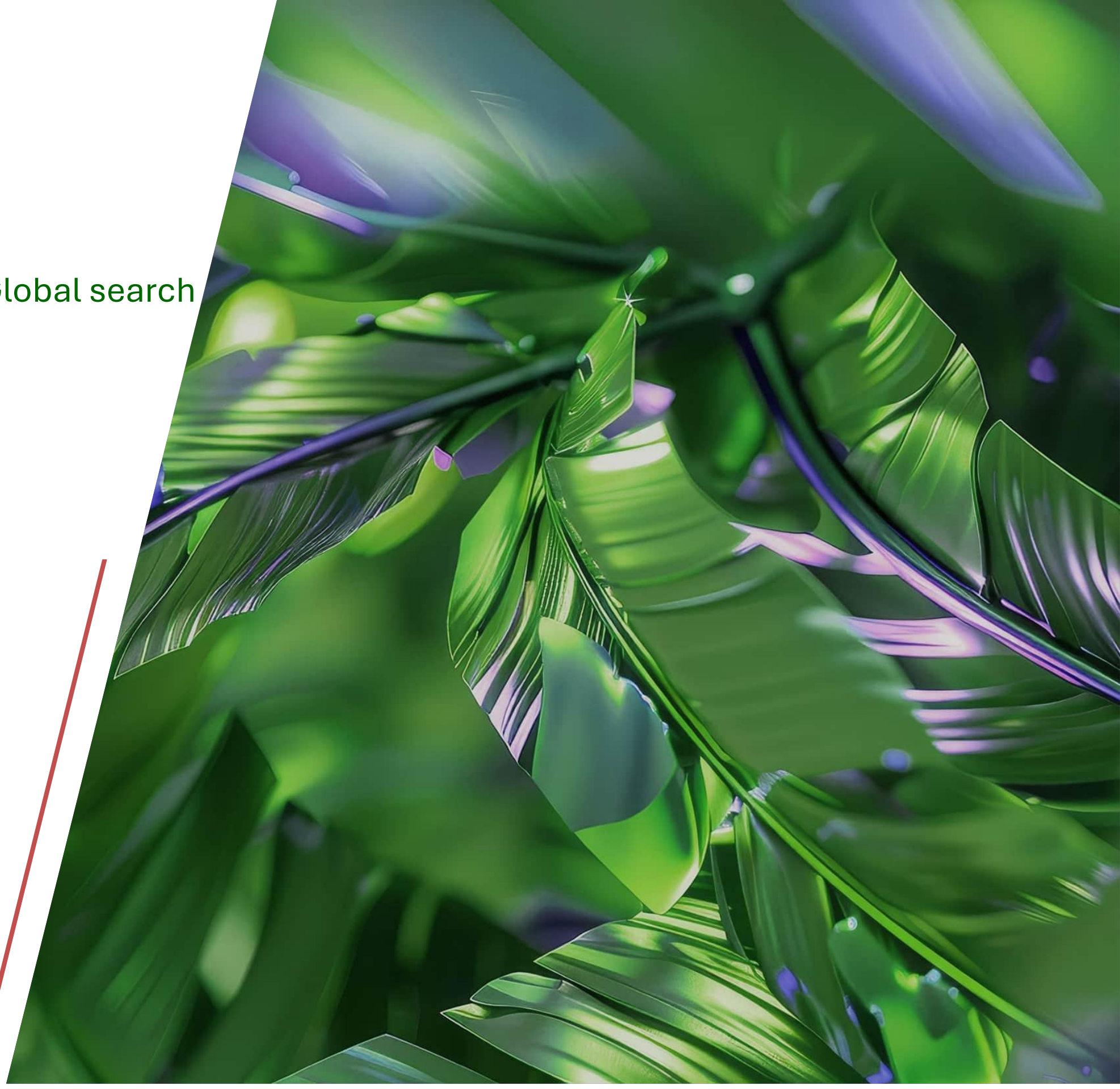
Interesting Fact

Trends Analysis

- **Sustainability** as a **Topic** with **Growing**, Strong Global search **Interest Meaning People** want to Learn about it **More Now** than **Before**.

Sentiment Analysis

- **Research** finds that when people talk about **Sustainability** online (in tweets, articles, etc.)
- **The Tone** is usually **Positive or Neutral**, Towards **Solutions and Awareness**



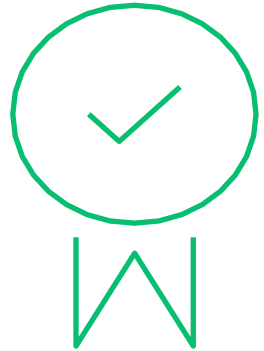
Today's Flow of Presentation

- About **Petrolube**
- **Sustainability** Approach as **Foundation**
- Sustainability -3 Foundations **Pillars** of Focus(ESG)
- Understanding Emissions across Lubricants
- Practical Sustainability **Drivers** n Lubricants Industry
- Learnings - **Case Studies** as **Success Stories**
- **Key Take Aways**



About Petrolube



#1 

Independent lubricant manufacturer in the GCC

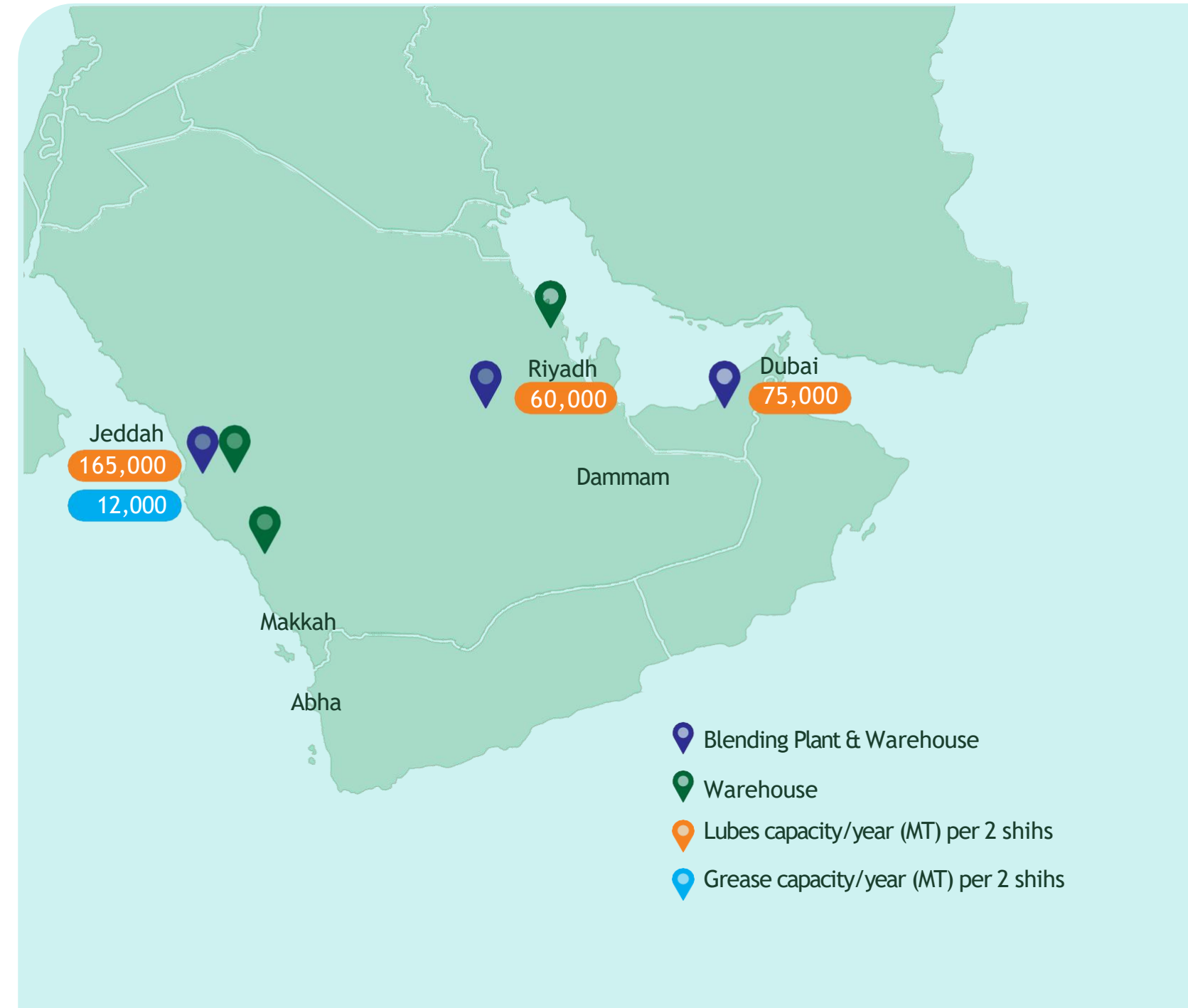
1968 

Petrolube was established



About Petrolube

- Petrolube is leading lubricant manufacturer in the GCC, producing over 400 high-quality lubricants and grease products for automotive, industrial, and government sectors.
- Headquartered in Jeddah, the company operates advanced blending plants and warehouses across Saudi Arabia and the UAE, serving more than 50 countries.
- As a subsidiary of Petromin Corporation and the Al-Dabbagh Group.
- **Petrolube is committed to innovation, sustainability, and building a low-carbon value chain.**



Sustainability-Approach as a Foundation



Sustainability Strategy/Policy

- Framework Aligned with Vision and Mission
- Integration of ESG Principles across Whole Footprint in line with Business Objectives
- Aspiration of Benchmarking towards the Global Bodies Like GRI or MSCI - ESG Rating



Stakeholders Engagement

- Everyone is the CSO
- Comprehensive Approach on Awareness
- Traits of Transparency, Engagement and Communication



Materiality Assessment

- Identifying and Addressing Most Significant ESG Topics Creating long-Term Stakeholder value and Impact
- Monitoring, Measuring and Managing ESG risks effectively



Sustainability Framework

- Core Aspects Built on 3 Pillars(ESG) linked to UN Sustainable Development Goals

Sustainability - 3 Pillars of Focus(ESG)



- Energy Management
- GHG Emissions
- Waste Management
- Water & Effluents
- Biodiversity Conservation

Environment

Social

Governance

- Occupational Health & Safety
- Talent Development
- Community Engagement
- Customer Relations
- Gender Diversity & Inclusion
- Human Rights & Fair Labor Practices



- Product Stewardship
- Innovation & Digital Transformation
- Supply Chain Management
- Data Privacy & Protection
- Achieve Sustainable Business Growth while Creating Economic Value



Understanding Emissions Across the Lubricants Value Chain



Scope 1

Direct Emissions (Organization Controlled)

- Emissions from Plant
- Fuel Consumption of owned trucks
- Diesel Generators and onsite material handling equipment



Scope 2

Indirect Energy Emissions (from Purchased Electricity, Steam or cooling)

- Electricity used in Blending plant, filling and warehouse operations
- Cold Storage or temperature-controlled facilities
- Automated material handling and WMS system



Scope 3

Indirect Value Chain Emissions (Largest Impact)

- Base Oil and Additive Sourcing
- Third-Party transportation and Warehousing
- Packaging material (Plastic drums, Pails and IBC's)
- Distributors and customer delivery operations
- Product end-of-life and waste oil handling

Practical Sustainability Drivers in Lubricants Supply Chain



On-site Renewable Energy

- Solar Pannels on lubricant Plants roofs. GCC being high-irradiance environment.
- The Initiative significantly reduces direct reliance on the grid



Fleet Electrification & Efficient Utilization

- Improving logistics fleet utilization
- Electric forklift with lithium batteries
- Conversion of lubricant fleet to Electric Vehicles (EVs).



Energy-Conservation

- Energy Audits for Plants
- LED lighting and high-efficiency HVAC systems
- Smart sensors



Sustainable Packaging Innovation

- **Lightweighting** - Weight Optimization through stress engineering
- **Mono-material Design** - Switch to PCR – Post-consumer resin as future

Practical Sustainability Drivers in Lubricants Supply Chain



Waste Management

- Concept of **3Rs (Reduce, Reuse and Recycle)**
- Lubricant waste
- Disposal of waste through **recycled** companies



Occupational Health & Safety

- HSE with **Hearts & Minds**
- People First commitment



Community Engagement

- Part of **Giving** for Community & Future Generations
- **Sharing is Caring** as Part of our values and principles

Petrolube - Case Studies

Solar Power as Renewal Energy Source



- Promote the use of clean and renewable energy for environmental protection.
- Reduce direct CO₂ emissions to create a greener environment.
- Meet up to Certain of the total power requirement for Plant through solar power.
- Align with Dubai's Clean Strategy 2050 and support the Shams Dubai initiative for sustainable energy use.

Transitioning from Diesel to Electric Forklifts



- To enhance operational efficiency while minimizing environmental impact.
- Replacing Diesel Forklift fleet with electric powered fleet supported by Lithium battery.
- CO₂ emissions will be significantly reduced through this initiative
- We aim to have converted 100% of our fleet to electric power or other clean energy by 2030



Petrolube - Case Studies

Structured Safety Walk (SSW)



- Petrolube introduced the Structured Safety Walk (SSW) across its three plants.
- The program was designed to strengthen visible safety leadership, implement a culture of shared accountability, and encourage proactive hazard identification at all levels.

Internship Program



- We are proud to invest in our next generation of talented professionals and future leaders through Petrolube's internship program.
- Our goal is to continue to train around 20 interns every year through our internship program.

Road Transport HSE



Driver Management

Petrolube launched a new program to enhance safety in our road transportation



Vehicles Management

The program was designed to implement enhanced HSE protocols across road transport operations, prioritizing risk reduction, regulatory compliance, and proactive incident prevention.



Journey Management

Trained 103 Drivers

Community Engagement

Ideas to Impact- Manufacturing Day for a Better Tomorrow



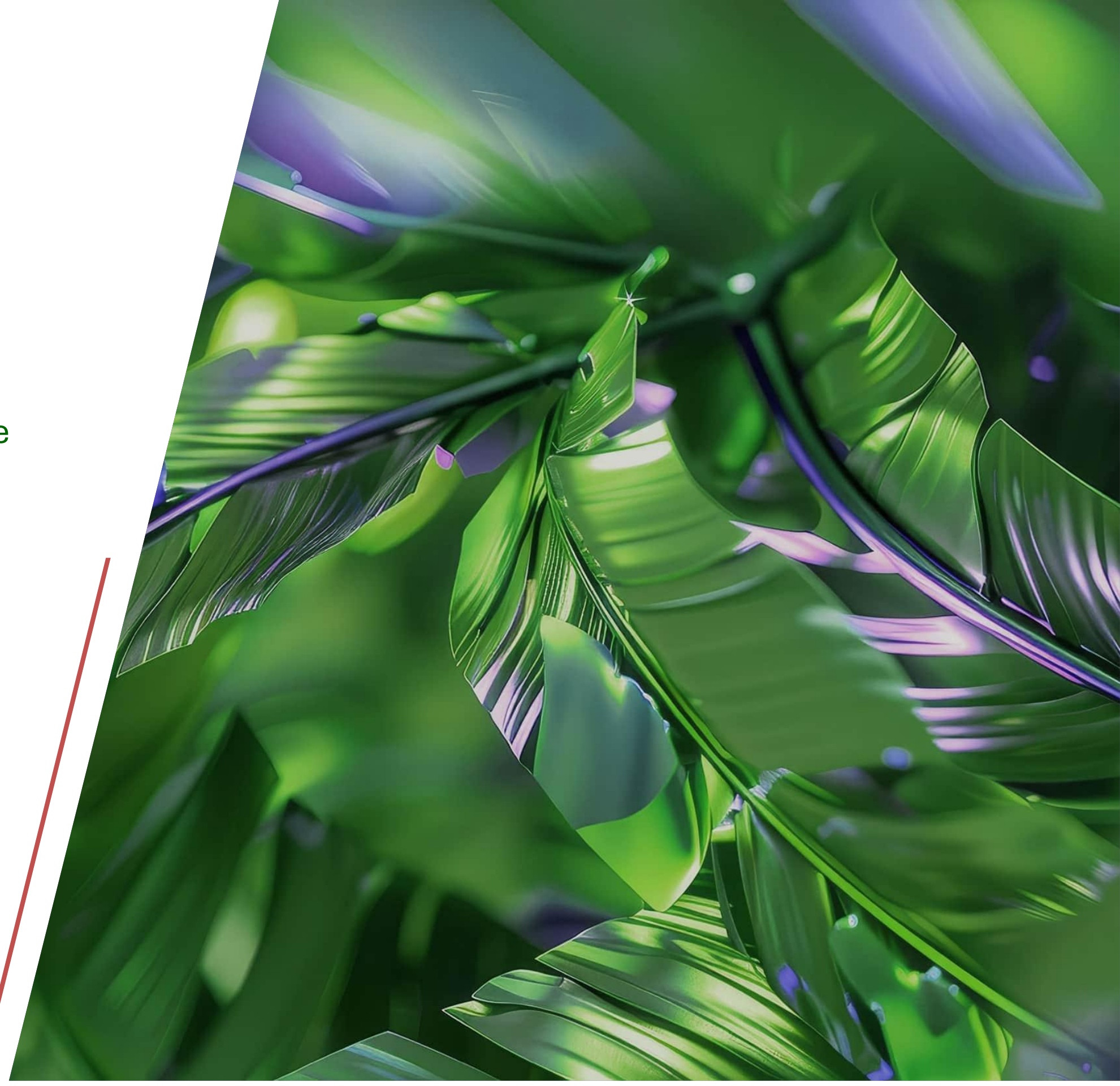
- The day offered students a unique opportunity to connect industry insights with their academic knowledge, providing a first-hand look at the key aspects of manufacturing operations.



- We emphasized the continuous journey of value creation in a lube oil blending plant.

Forward Looking Approach on Sustainability

- Sustainability is a Continuous Journey
- Need to be Lead and Lived by All
- Small Steps of Progress creates the difference
- Collaboration is the Key
- Perspective of Monitoring & Measurement
- **3Ps** – People, Planet & Profit for Purpose and Philanthropy



Thank You

