

3rd March, 2025

To,
The Manager,
Listing Department,
National Stock Exchange of India Ltd,
Exchange Plaza,
Plot No. – C – 1, G Block,
Bandra – Kurla Complex,
Bandra (East),
Mumbai – 400051

NSE Code: - PCBL

To,
The General Manager,
Department of Corporate Services,
BSE Ltd.,
1st Floor, New Trading Ring,
Rotunda Building,
P.J. Towers,
Dalal Street, Fort,
Mumbai – 400001

BSE Code:- 506590

Dear Sir,

Sub:- Investor Presentation

Please find enclosed herewith the Investor Presentation.

We request you to take the afore-mentioned information in record and oblige.

Thanking you,

Yours faithfully,
For **PCBL CHEMICAL LIMITED**

K. Mukherjee
Company Secretary and Chief Legal Officer

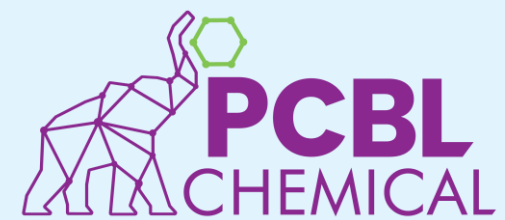
PCBL Chemical Limited

Registered Office: 31 Netaji Subhas Road, Kolkata – 700 001, West Bengal, India

Corporate Office: RPSG House, 4th Floor, 2/4 Judges Court Road, Kolkata – 700 027, West Bengal, India

P: +91 33 6625 1443 | **E:** pcbl@rpsg.in | **W:** www.pcbltd.com | **CIN:** L23109WB1960PLC024602

Note: "PCBL Chemical Limited" was formerly known as "PCBL Limited"



March 2025

RPSG group: Building a diversified conglomerate



- One of India's **New-age And fastest growing** conglomerates
- Strong workforce of **50,000+** employees, belonging to different nationalities
- Presence in **60+** countries
- **100+** offices worldwide



RPSG Group: Anchored to core values

Vision: To be a responsive conglomerate driven by sustainable growth, efficiency and innovation.



We strive towards performance excellence, value-addition and strong bottom line orientation.

I'm happy to say this focus has paid-off – in revenue growth, in profit growth and in valuations – all of which have grown exponentially.

Dr. Sanjiv Goenka
Chairman
RP-Sanjiv Goenka Group



Business Overview

PCBL Chemical- A Global Specialty Chemical Player

Rubber Black & Specialty Blacks

India's largest & world's 7th largest carbon black producer with a capacity of 790KTPA across 5 locations

Rubber Black capacity of 678 KT & **Specialty Blacks** capacity of 112 KT

Green power generation capacity of **122 MW**

Targeting **~50% capacity addition** over the next 5 years

R&D- Rapidly expanding specialty portfolio- Plans to **double in next 5 years**

Water Treatment, Detergents and Oil & Gas Chemicals

Among top 3 producers of **phosphonates globally** - India's largest phosphonate producer

Production capacity of 130KT. **Manufacturing Plants** in India, USA & Saudi Arabia

Key applications across home care, industrial **water treatment, oil & gas, pharma, textile and pulp & paper industries**

275+ Products. **Phosphonate** accounts for over 50% revenue

Focus on **new product development** and **green chemistries**

Battery Chemicals

Nano-silicon - Advanced superconductive materials for next-gen batteries

Acetylene Black- High end conductive material for high voltage power cable & semiconductor packaging

Conductive Furnace Blacks- Specialized application viz. conductive plastics, paints and coating

Creating **indigenous ecosystem** for battery chemical value chain



9

Manufacturing facilities

350+

Grades
(Tyre, Performance, Speciality, Water treatment)

~23%

Revenue from Specialty Chemicals

60+

Countries

4

R&D and Innovation centre

300+

Customers of Specialty Chemicals across all applications

40+

Supply chain points

Worldwide Distributed Supply Chain Network



R&D and Innovation



Gujarat, India



Ghislenghien, Belgium



Pune, India

State-of-Art R&D facilities

Advance infrastructure & Modern equipment

R&D team with cross functional expertise

New Product Development

- ✓ Expanding Specialty and high Performances Rubber Product Portfolio
- ✓ Sustainable & biodegradable Green Chelates like MGDA liquid and Granules
- ✓ Expanding portfolio to other phosphonates like PBTC

Characterization & Functionalization

- ✓ Product customization across Geography/Customers

Backward Integration

- ✓ Focusing on Inhouse production of key raw materials

Oil Engineering

- ✓ Alternate Feedstock incl. circular & renewable

Fundamental Research

- ✓ Conductive /superconductive solutions
- ✓ New Carbon Black manufacturing technologies

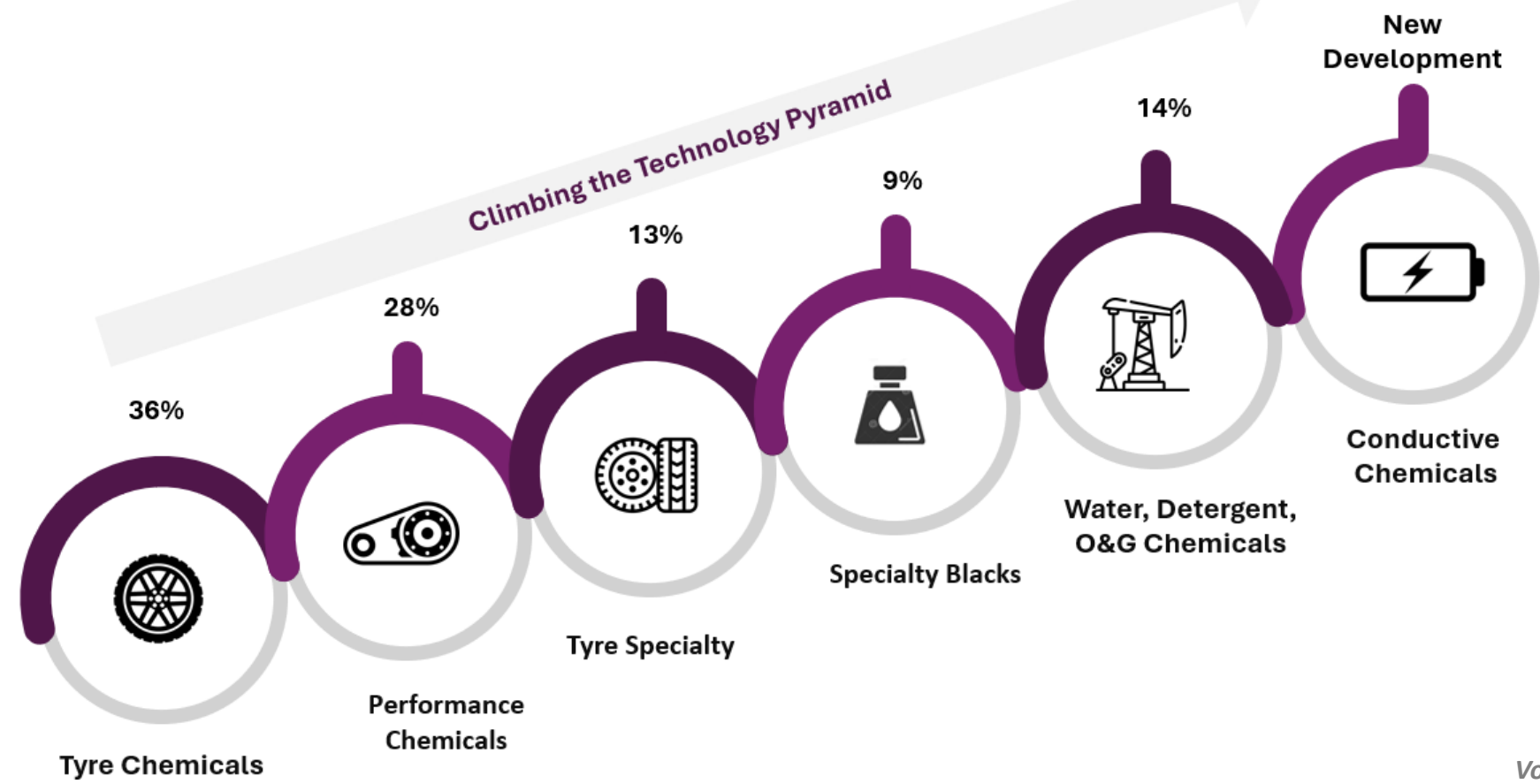
85+
Experienced Scientists & technical professionals

40+
New Product Launches in last 3 years

Rs. 80+ Crs
Annual R&D Expenditure

Innovating
'Green Technologies'

Diversified Product Portfolio



Volume share(%) - FY24

Key Customers



Applications Across Industries

Carbon Black

Tyre & Tyre Specialty



Passenger Vehicle
2-Wheeler Tyre



Truck and bus
Off-Road Tyre



Agricultural Tyre
Cycle Tyre

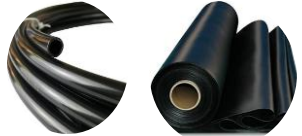


Solid Tyre
Tyre Retreading

Performance



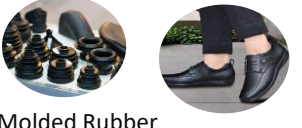
Conveyor Belt
Transmission Belt



Tubing
Rubber Sheet



Anti Vibration Grommets
Seal & Gaskets



Molded Rubber Goods
Shoe Soles

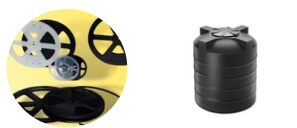
Specialty Black



Batteries
Wires & Cables



Inks
Engineering Plastics



ESD & Conductive
Plastics Molded



Adhesives
Paints

Phosphonates

Water Treatment & Detergent



Household Cleaning



Water Treatment



Industrial Cleaners



Desalination

Oil & Gas



Oil production



Hydraulic fracturing/Fracking



Borewell drilling & Simulation



Corrosion inhibitor

Others



Paper & Pulp Industry



Textile Printing



Pharma Industry



Agrochemicals

Nano Silicon

Battery Chemical



Automobile Battery



Energy Storage



Mobile Battery



Portable Battery

Industry Trends & Opportunities

Carbon Black



Rubber Blacks

Global Rubber Black demand is 13.6 million tons

Global Rubber Black demand to grow at 4% CAGR

Indian tyre industry to grow by **7-8%** driven by OEMs & replacement demand

Rising **SUV** and **EV** sales are driving demand for **larger & more durable tyres**

EV tyres need to be replaced faster as compared to traditional ICE vehicle tyres



Specialty Blacks

Global Specialty CB demand is 1.1 million tons

Global Specialty CB to grow at 5.4% CAGR

India's Specialty CB demand is expected to grow at **7.5% CAGR to 105 KT** by 2029

Growing automobile, electronics, packaging and construction industry having applications in plastic, inks, paints, coatings, etc.

Phosphonates



Household, Industrial & Institutional Cleaning

Rising penetration of **washing machines & dishwashers** & rising disposal incomes

Increased **hygiene awareness** driving detergent demand

Consumers choosing brands with environmentally sustainable practices



Oil & Gas Chemicals

Global O&G demand is 2.8 million tons

Global O&G to grow at 3% CAGR

Rising global O&G demand, fueled by U.S. deregulation and increased fossil fuel production

New technologies and methodologies for oil and gas exploration, extraction, and production will drive growth



Industrial Water Treatment

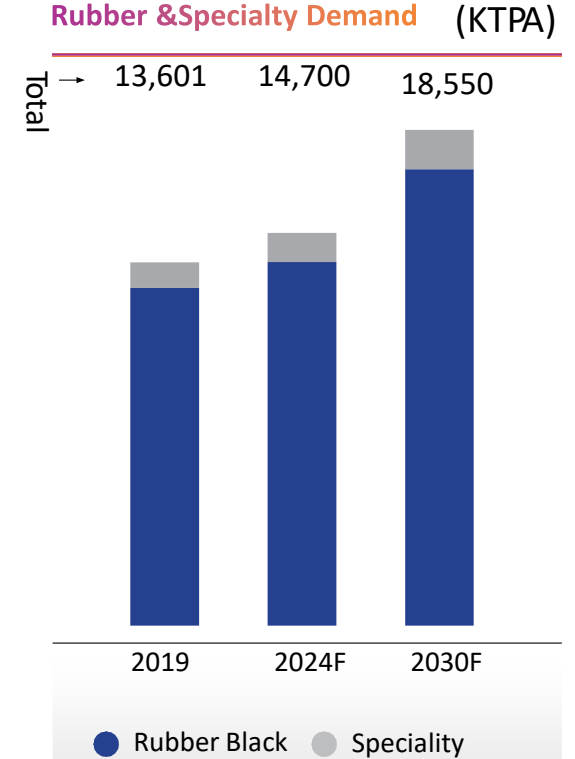
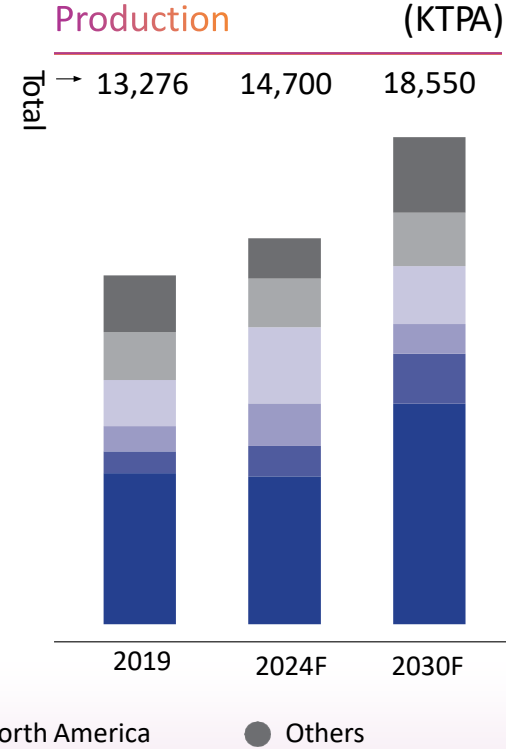
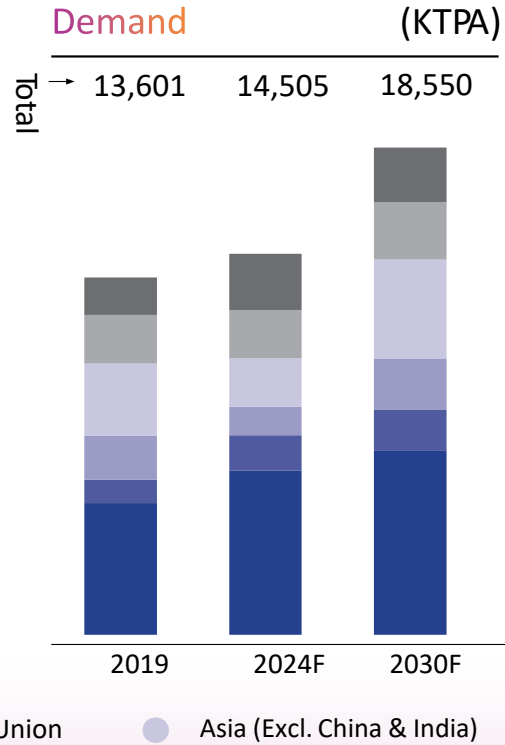
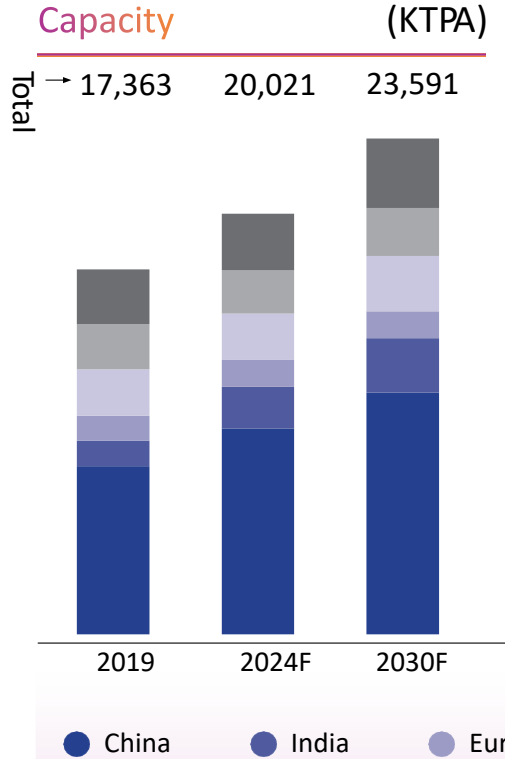
Demand for treated water to grow at 4-5% CAGR

Growing industrialization & urbanization

Increasing desalination projects across water-scarce geographies

Investments in **Climate Change** and depletion of freshwater resources

Carbon Black – Global Market Overview



Global demand at 4% CAGR has outpaced Global Capacity over the past decade.

Capacity growth in North America & European Union has remained stagnant in the last decade

India's demand has grown 1.2x of GDP growth & has outpaced global demand.

Low capacity utilization in China augurs well for India to cater to the global demand.

Focus on Specialty Blacks Business

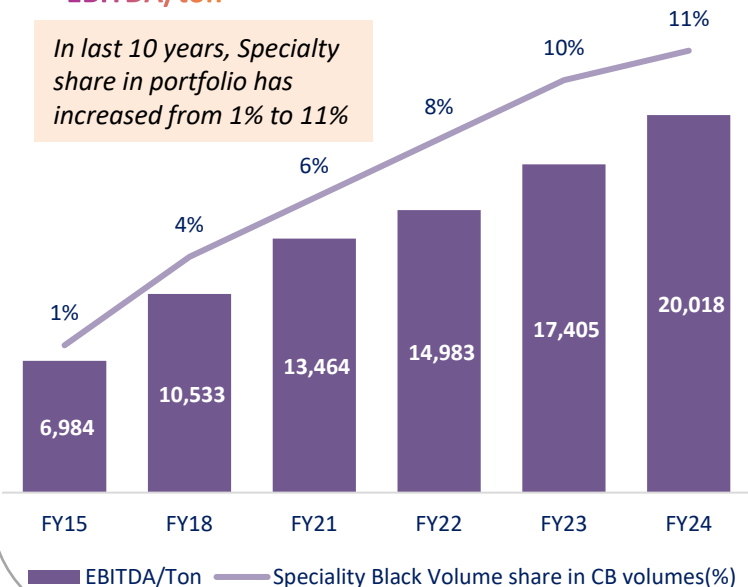
Specialty Blacks Global Market Dynamics

- **Total Market size is ~1.1 million tons** and is estimated to be **~1.4 million tons by FY'30**
- Applications- **Plastics, Fibers, Inks, Coatings, Paints, Adhesives, Conductive Chemicals**
- Growth rates of **Conductive Chemicals >> ICPA > Plastics**
- **PCBL Chemical:** Globally 4th Largest and India's Largest Specialty Blacks Producer with 112 KT Capacity

PCBL's Strategic focus on expanding TAM, Profitability, Supply Reliability and Sustainability

Rising share of Specialty blacks contributing to rise in EBITDA/ton

In last 10 years, Specialty share in portfolio has increased from 1% to 11%



Dedicated lines for Specialty chemicals- **60+ grades**

R&D focused on **advanced & complex applications**

Launching newer grades of performance & Specialty chemicals

100+ customers across the world with over 2/3rd sales from international markets

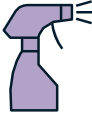



Applications

- Expansion in applications e.g. **electrostatic discharge (ESD) solutions, Paints/ Adhesives/ Engineering Plastics/ battery segment**
- To maintain growth in **Inks/ plastics segments**

Customer Focus

- **Increase wallet share in existing accounts** and acquire **new large global accounts** positioning PCBL as one of the most reliable supplier
- Expand in high-growth markets such as **America, EU, South Asia, ME**

Aquapharm Chemical- Key Product Portfolio & its Diverse Applications

Major Segments	Revenue Share (FY24)	Key Products	Application
A. Household, Industrial & Institutional cleaning 	28%	Phosphonates, Polymers, Green Chelates	<ul style="list-style-type: none"> • Phosphonates improve detergency in household and industrial cleaning • Acts as scale inhibitors • Premium-grade phosphonates and green chelates for eco-friendly detergents • Acts as an anti-incrustation agent for fabrics
B. Industrial Water Treatment 	18%	Polymers, Phosphonates, PBTC	<ul style="list-style-type: none"> • Polyacrylic and polymaleic based polymers, used across water treatment, RO, scale inhibitors • Polymers and Specialty blends play a critical role in providing safe and clean water • Improves the integrity of infrastructure assets by inhibiting scaling and corrosion
C. Oil & Gas 	50%	Imidazoline, Quats, Triazine, Phosphonates, Biocides	<ul style="list-style-type: none"> • Flow enhancers, Corrosion inhibitors, Biocides, Scale inhibitors • Removes Hydrogen sulfide (H₂S) in hydrocarbon production facilities • Prevents corrosion, enhances fluid performance and provides emulsification • Protection against microbial growth
D. Others 	4%	Biocides, Acetylene Chloride	<ul style="list-style-type: none"> • ACCL is used in the synthesis of aspirin to acetylate salicylic acid to increase stability and reduce irritation • Biocide controls microbial growth in water • Application across the Pharma, Agrochemical and Wood processing industry

Nanovace - Powering the Future of Battery Innovation

An IP-led, innovation-driven technology addressing key challenges in battery Performance, Cost and Sustainability — empowering a new wave of EV adoption

World's First Unique Technology Platform

Conversion of **Silicon precursors to battery grade** Nano Silicon composites using a single-stage, green electrochemical process.

Innovative, low-cost proprietary technology to **transform the battery industry**

To participate **in fast-growing/profitable battery global market** with innovative technology

Global demand for **LiB** expected to grow at **~22-25% CAGR**

Pilot plant to be commissioned in Palej, Gujarat in 2025



25-100%

*Extended battery Range
with nano-silicon integration*



2-5x

Longer Battery Life



4x

*Faster Charging
with no Performance Loss*



80%

*Reduction in CO2
emissions during Production*



Cost Effectiveness

Future proofing our company

Manufacturing Excellence



- **Global** manufacturing and sales footprint
- **State-of-the-art facilities** designed to global standards
- **Strategically located** manufacturing units with shorter lead times and competitive edge
- **40+ supply chain points** covering major markets

Diversified Product Portfolio



- **Expanding** Specialty chemical portfolio through R&D and acquisition of new and greener chemistries
- Innovating **customer centric** solutions
- **Higher focus** on conductive grades
- **New product development** – Engg. Plastics, inks, conductive, battery etc.

R&D Focus



- **Developing foundation** strong for customized offerings & futuristic solutions for customers
- **Dedicated vertical** for Oil Engineering and Process Technology
- Creating **high margin sustainable** products
- Creating **Indigenous ecosystem** for battery chemical value chain

Growth Plans



- **Targeting 50% capacity addition** across various product segments over next 5 years
- **Carbon Black capacity** to reach 1 Mn KTPA by FY28
- Acquired **117 acres of land in Andhra Pradesh** for setting up of a manufacturing unit
- Dedicated **Battery Chemicals** manufacturing plant offering superior margins

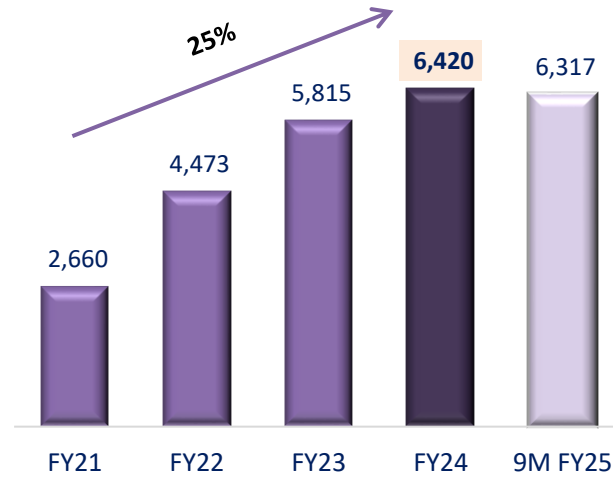
Digitalization & Sustainability



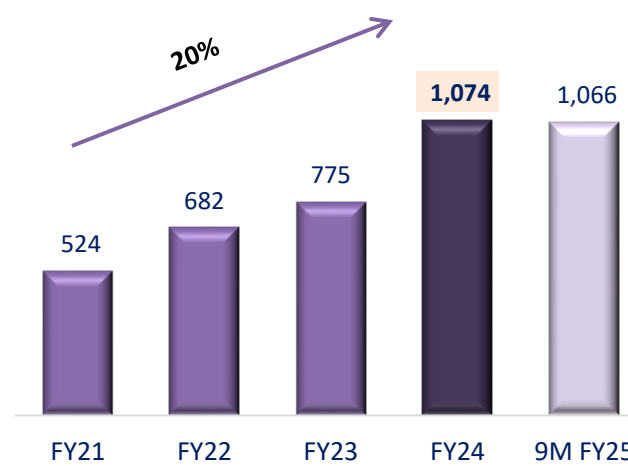
- **Digitalization & automation** across processes
- **Data analytics** for faster & efficient decision making
- Using **digital technology** to create new business processes, culture & customer experiences
- Sustainability is well-integrated to the company's business strategies

Financial & Operational Highlights

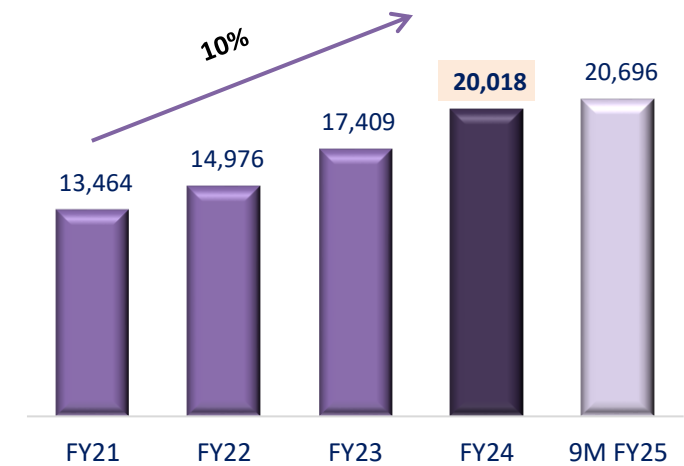
Revenue (in Cr)



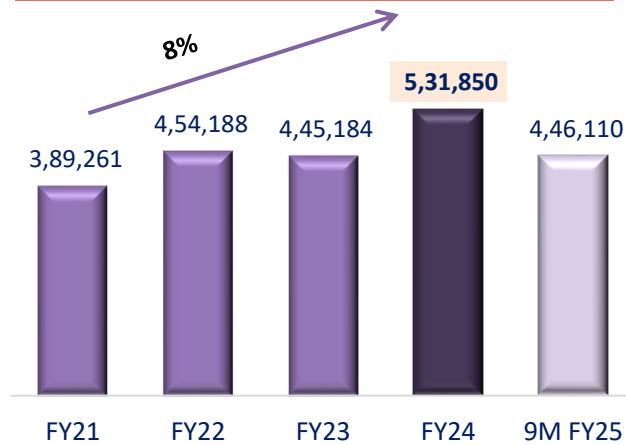
EBITDA (in Cr)



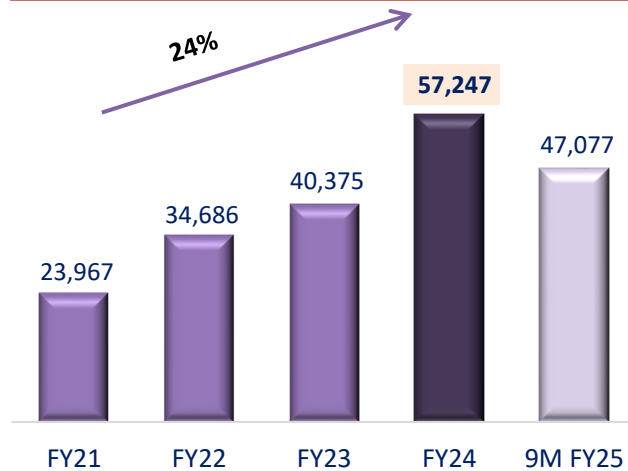
EBITDA/MT (in Rs)



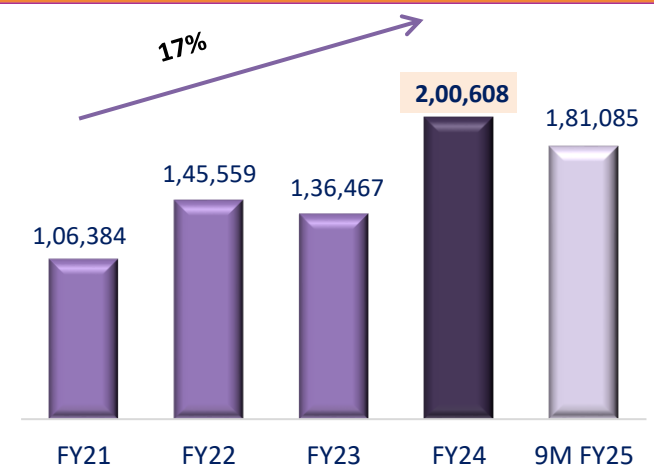
Sales Volume (in MT)



Specialty Blacks Sales Volume (in MT)



Export Sales Volume (in MT)



% CAGR FY21-24

(MT-Metric Ton)

Sustainability in Action



Environment

23,11,924 GJ

Green Energy Produced

3.03+ Lakh m³

Water Recycled

100%

ZLD Compliant Manufacturing Sites

1.93 tCO₂e/MT

GHG Emissions Intensity (Scope 1 and Scope 2)

3,876+

Saplings Planted

100%

ISO 14001: 2015 Certified Manufacturing Sites



Social

79,000+

Lives Impacted through CSR Programmes

100%

Employees Trained on Human Rights

275+

New Employees Hired

79,055 Man Hours

Employee Training

Zero

Pending Customer Complaints

Zero

Fatalities

94%

Value Chain Partners (by Value) Assessed for Health and Safety Practices



Governance

10+ Years

Average Experience of Directors in the Company

2/3 rd

Independent Directors

(7 Independent Directors including 2 Women Directors and a Lead Independent Director)

2,40,000+

Shareholders

Zero

Pending Shareholders complaints



ESG Ratings for PCBL



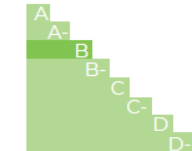
ECOVADIS (GOLD)



Received International Sustainability and Carbon (ISCC) PLUS

CRISIL

Among top ratings against National chemical peers



CDP Supplier Engagement (2023)

Received a B+ rating (Management band)
Higher than Asia regional average of C+
Exceeds the Chemicals sector average of B-

Cautionary Statement

Statement in this “Investor Update” describing the Company’s objectives, projections, estimates, expectations or predictions may be “forward looking statements” within the meaning of applicable securities law and regulations. Actual results could differ materially from those expressed or implied. Important factors that could make a difference to the Company’s operations include demand supply conditions, finished goods prices, availability and prices of raw materials, changes in the government regulations, tax regimes, economic development within India and the countries within which the Company conducts business and other factors such as litigations and labour negotiations

Thank You

Company Details:

PCBL Chemical Limited

Corporate Office: RPSG House, 4th
Floor, 2/4 Judges Court Road,
Kolkata – 700 027, West Bengal,
India

Investor Enquiries:

Mr. Saket Sah, Group Head - Investor Relations & ESG Reporting

Email- saket.sah@rpsg.in

Mobile- 9702027569

Mr. Pankaj Kedia, Vice-President - Investor Relations

Email- pankaj.kedia@rpsg.in

Mobile- 9874484000