# Himadri Speciality Chemical Ltd





Sustainable Business High Growth Opportunity

Capital Disciplined Balance Sheet

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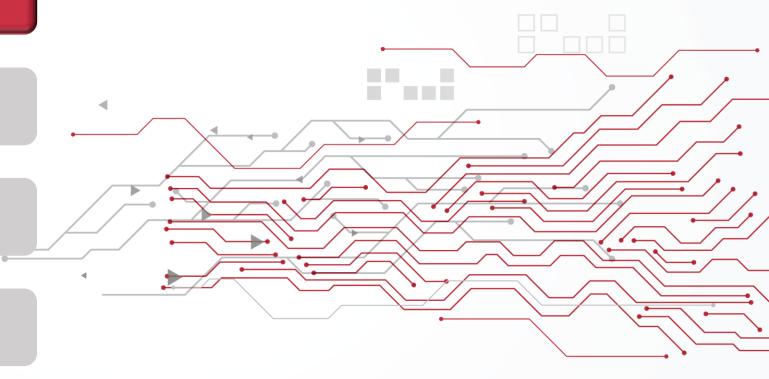
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# **Sustainable Financial Performance**

Himadri LFP Cathode Capex

Birla Tyres Ltd - Acquisition

**ESG-focused innovations** 



# **Strong and Sustainable Growth**





# Record Sales Volumes in Q3FY24

Sales Volumes of 1,24,024 MT in Q3FY24



#### **Record EBITDA in Q3FY24**

EBITDA increased by 59% to Rs. 169 Crores in Q3FY24



#### Record PAT in Q3FY24

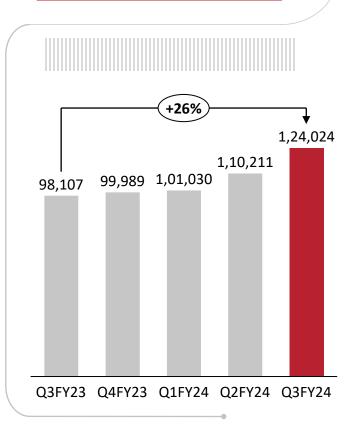
PAT increased by 71% to Rs. 108 Crores in Q3FY24



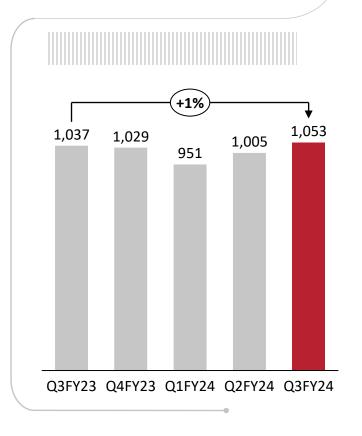
# **Performance Trajectory Continues**



Sales Volume (MT)



Revenue (Rs. In Crs)



#### **Sales Volumes**

Increase in volumes in each consecutive quarter

#### Revenues

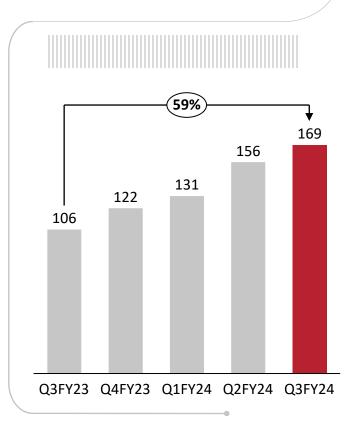
Maintained Revenues with the focus of increasing profitability

On Standalone Basis

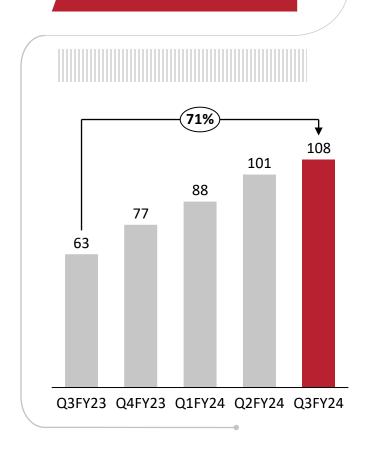
# **Performance Trajectory Continues**



EBITDA (Rs. In Crs)



PAT (Rs. In Crs)



**EBITDA** 

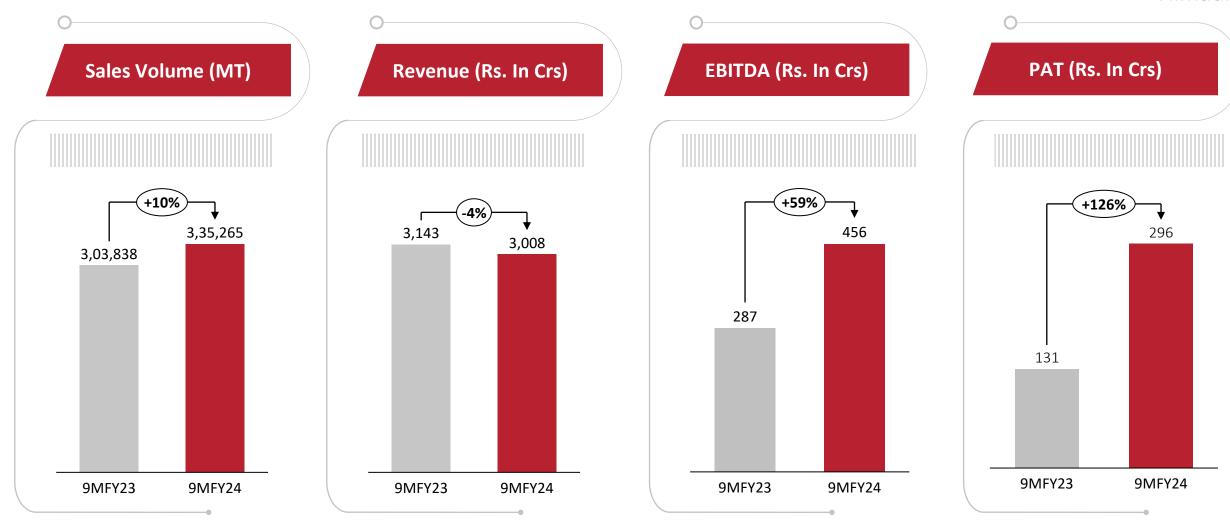
Change in Product Mix and Operating Efficiency

**PAT** 

Capital Disciplined Growth with the aim to improve shareholder returns

# **Performance Trajectory Continues**





Increase in profitability due to consistent move towards value added products

# Standalone Profit & Loss Statement - Q3 & 9M FY24



| Particulars (In Rs. Crs)                 | Q3FY24   | Q3FY23   | Y-o-Y  | Q2FY24   | Q-o-Q  | 9MFY24   | 9MFY23   | Y-o-Y   |
|--|----------|----------|--------|----------|--------|----------|----------|---------|
| Net Revenue From Operations              | 1,052.51 | 1,037.39 | 1.46%  | 1,004.52 | 4.78%  | 3,007.94 | 3,142.94 | -4.30%  |
| Cost of Materials Consumed               | 756.34   | 823.40   |        | 725.71   |        | 2,182.47 | 2,485.09 |         |
| Gross Profit                             | 296.17   | 213.99   | 38.40% | 278.81   | 6.23%  | 825.47   | 657.85   | 25.48%  |
| Employee Benefits Expense                | 26.80    | 20.96    |        | 28.02    |        | 80.47    | 69.55    |         |
| Other Expenses                           | 100.66   | 86.77    |        | 94.79    |        | 289.40   | 301.68   |         |
| EBITDA                                   | 168.71   | 106.26   | 58.77% | 156.00   | 8.15%  | 455.60   | 286.62   | 58.96%  |
| Other Income                             | 10.20    | 7.67     |        | 9.83     |        | 30.15    | 17.42    |         |
| Foreign Exchange Fluctuation (Loss)/Gain | 3.71     | -4.17    |        | 1.22     |        | 9.04     | -23.34   |         |
| Depreciation and Amortization Expense    | 12.19    | 12.29    |        | 11.91    |        | 35.67    | 36.89    |         |
| EBIT                                     | 170.43   | 97.47    | 74.85% | 155.14   | 9.86%  | 459.12   | 243.81   | 88.31%  |
| Finance Costs                            | 21.17    | 20.18    |        | 15.92    |        | 50.20    | 52.71    |         |
| Exceptional Items                        | 0.00     | 0.00     |        |          |        | 0.00     | -30.00   |         |
| Profit / (Loss) Before Tax               | 149.26   | 77.29    | 93.12% | 139.22   | 7.21%  | 408.92   | 161.10   | 153.83% |
| Tax Expenses                             | 41.37    | 14.26    |        | 38.38    |        | 112.53   | 30.01    |         |
| Profit / (Loss) for the year             | 107.89   | 63.03    | 71.17% | 100.84   | 6.99%  | 296.39   | 131.09   | 126.10% |
| Other Comprehensive Income               | 0.91     | 1.53     |        | -4.34    |        | 47.02    | 29.52    |         |
| Total Comprehensive Income for the year  | 108.80   | 64.56    | 68.53% | 96.50    | 12.75% | 343.41   | 160.61   | 113.82% |

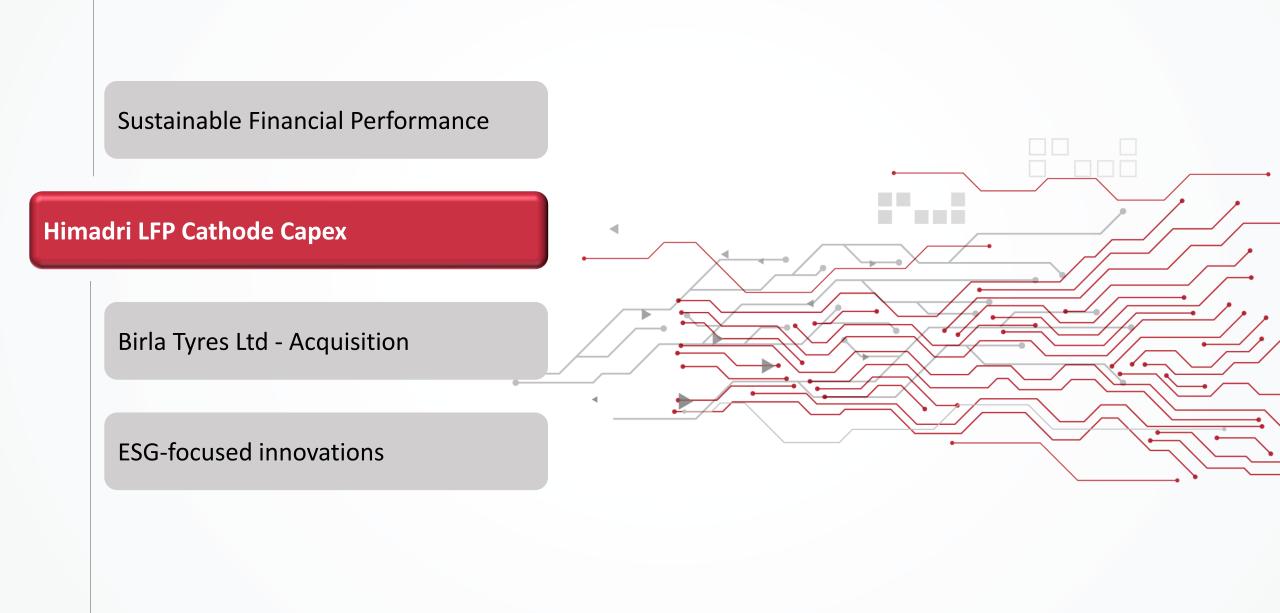
(Note: Foreign Exchange Fluctuation (Loss)/Gain is excluded from other expenses)

# **Consolidated Profit & Loss Statement - Q3 & 9M FY24**



| Particulars (In Rs. Crs)                 | Q3FY24  | Q3FY23  | Y-o-Y  | Q2FY24   | Q-o-Q  | 9MFY24  | 9MFY23  | Y-o-Y   |
|--|---------|---------|--------|----------|--------|---------|---------|---------|
| Net Revenue From Operations              | 1052.51 | 1037.39 | 1.46%  | 1,004.52 | 4.78%  | 3007.94 | 3142.94 | -4.30%  |
| Cost of Materials Consumed               | 754.45  | 820.14  |        | 724.59   |        | 2179.90 | 2473.36 |         |
| Gross Profit                             | 298.06  | 217.25  | 37.20% | 279.93   | 6.48%  | 828.04  | 669.58  | 23.67%  |
| Employee Benefits Expense                | 26.89   | 21.11   |        | 28.22    |        | 80.89   | 69.98   |         |
| Other Expenses                           | 100.98  | 87.07   |        | 95.26    |        | 290.61  | 302.62  |         |
| EBITDA                                   | 170.19  | 109.07  | 56.04% | 156.45   | 8.78%  | 456.54  | 296.98  | 53.73%  |
| Other Income                             | 10.19   | 7.67    |        | 9.82     |        | 30.13   | 17.42   |         |
| Foreign Exchange Fluctuation (Loss)/Gain | 3.71    | -4.17   |        | 1.21     |        | 9.03    | -23.34  |         |
| Depreciation and Amortization Expense    | 12.72   | 12.85   |        | 12.43    |        | 37.25   | 38.53   |         |
| EBIT                                     | 171.37  | 99.72   | 71.85% | 155.05   | 10.53% | 458.45  | 252.53  | 81.54%  |
| Finance Costs                            | 21.22   | 20.25   |        | 15.95    |        | 50.32   | 52.87   |         |
| Exceptional Items                        | 0.00    | 0.00    |        | 0.00     |        | 0.00    | 30.00   |         |
| Profit / (Loss) Before Tax               | 150.15  | 79.47   | 88.94% | 139.10   | 7.95%  | 408.13  | 169.66  | 140.56% |
| Tax Expenses                             | 41.37   | 14.26   |        | 38.48    |        | 112.63  | 30.01   |         |
| Profit / (Loss) for the year             | 108.78  | 65.21   | 66.81% | 100.62   | 8.11%  | 295.50  | 139.65  | 111.60% |
| Other Comprehensive Income               | 2.90    | 4.09    |        | -3.88    |        | 47.61   | 22.54   |         |
| Total Comprehensive Income for the year  | 111.68  | 69.30   | 61.15% | 96.74    | 15.44% | 343.11  | 162.19  | 111.55% |

(Note: Foreign Exchange Fluctuation (Loss)/Gain is excluded from other expenses)



# **Himadri LFP Cathode Vision**



To produce 200,000 MTPA of
Lithium Iron Phosphate (LFP) Cathode Active
Material, catering to 100 GWh of Li-ion
Battery, in phases in 5-6 years

1<sup>st</sup> Commercial plant for LFP Cathode Active Material in India to cater to domestic and global market – a pioneering step towards Atma-Nirbhar Bharat Bringing breakthrough Innovation to the Indian and Global LiB Industry

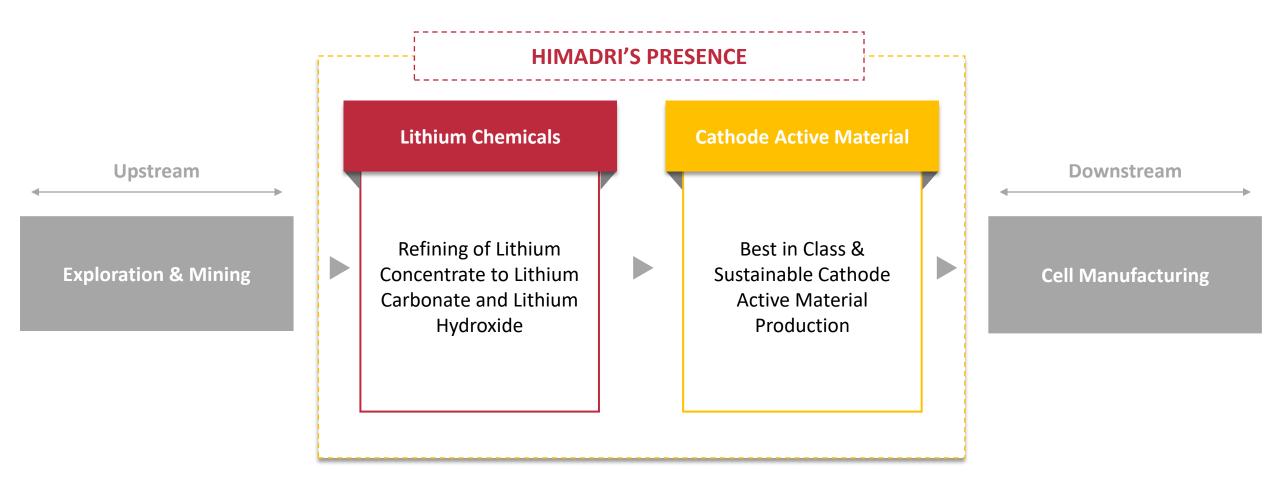
- R&D on technology for Lithium Concentrate extraction and conversion to Lithium Carbonate and Lithium Hydroxide
- Next Gen R&D involving usage of AI to enhance the performance of battery cathode materials

#### **Sustainable Sourcing**

- Long term partnership with lithium concentrate producers in discussion
- Sustainable Supply Chain Model being developed for Customers
- Power sourced for the operations will primarily be sourced through renewable sources

# Where we play a role





# Cathode Material Dynamics: Himadri's Strategic Advancements



#### Pioneering Innovation and Sustainable Growth in Cathode Material Landscape



#### Large Global and Domestic Opportunity

Market Projection: Cathode Material demand to reach 9.4 million tonnes annually by 2030 for global LiB cell production

Domestic Demand: Expected growth to 311 KT (base scenario) and 499 KT (promising scenario) annually by 2030



#### Himadri's Capability



#### In-house R&D & Innovation

Continuous investment fosters innovation, keeping us at the forefront



#### **Integrated Business Model**

Optimal resource utilization, creating holistic value for stakeholders



#### Next-Gen Materials

Developing next-generation cathode materials, leveraging state-of-the-art lab and innovative capabilities



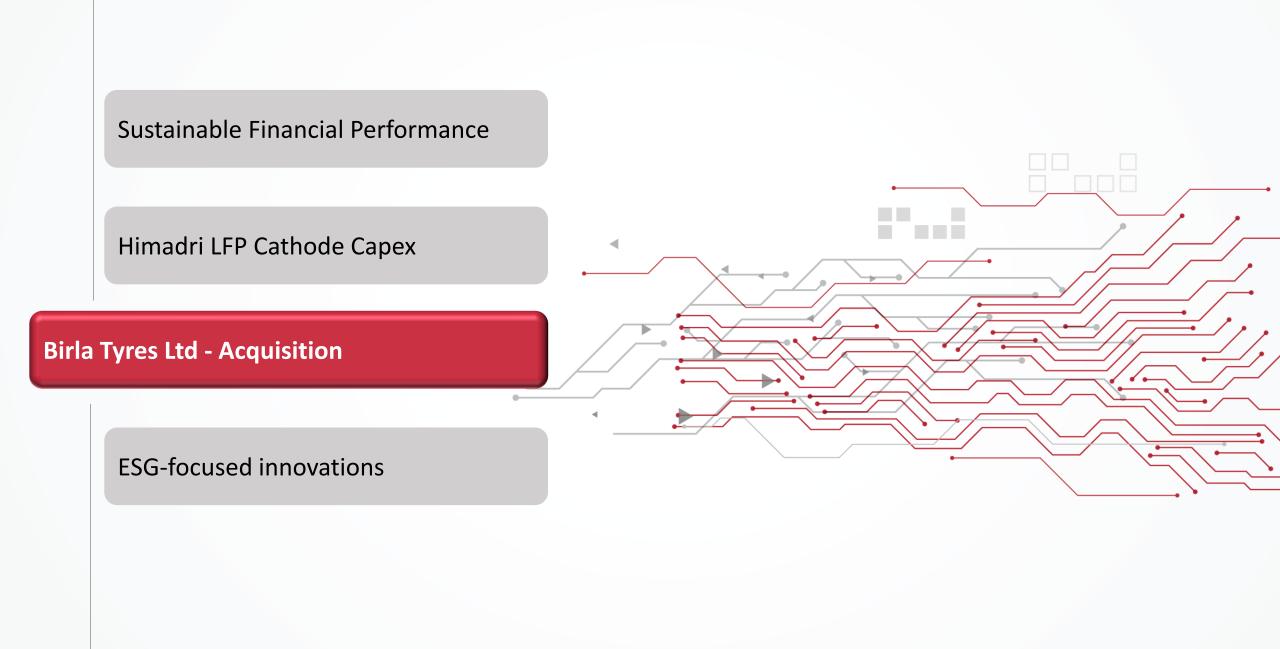
#### Project Plans and Highlights

Vision: Building the 1st Commercial plant for LFP Cathode Active Material in India, intending to produce 200,000 MTPA in phases in 5-6 years

Phase 1 Capacity: 40,000 MTPA, focusing on meeting domestic and global market demands

Phase 1 Timeline: Operational within 27-36 months

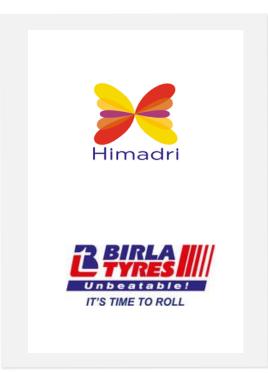
Sustainability: Emphasis on sustainable and eco-friendly products



# **Birla Tyres Ltd - Acquisition Highlights**



- Himadri Speciality Chemical Ltd (HSCL, Strategic Partner) along with Resolution Applicant Dalmia Bharat Refractories Limited (DBRL) participated in the corporate insolvency resolution process of Birla Tyres Limited.
- LOI from the Resolution Professional informing that the Committee of Creditors of the Corporate Debtor has approved the resolution plan submitted jointly by the HSCL and DBRL was received and accepted on August 22, 2023.
- The resolution plan was submitted to the NCLT, Kolkata Bench for its approval.
- Hon'ble NCLT, Kolkata Bench has approved on 19th October, 2023 the resolution plan submitted jointly by HSCL and DBRL for acquisition of Birla Tyres Limited under the corporate insolvency resolution process ("CIRP") in terms of the Insolvency and Bankruptcy Code, 2016 ("IBC").



#### **Source of Funding**

Transaction financed through internal accruals and debt

#### Status

Revamping of the asset is in progress

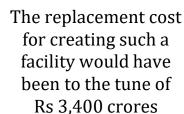
# **Value Acquisition**



The total acquisition cost is Rs. 306 Crores. Additional capex is required to make the plant fully operational.

#### For Himadri Speciality Chemical Limited







Time consumed to create the asset organically would have taken 36 months, delay in opportunity



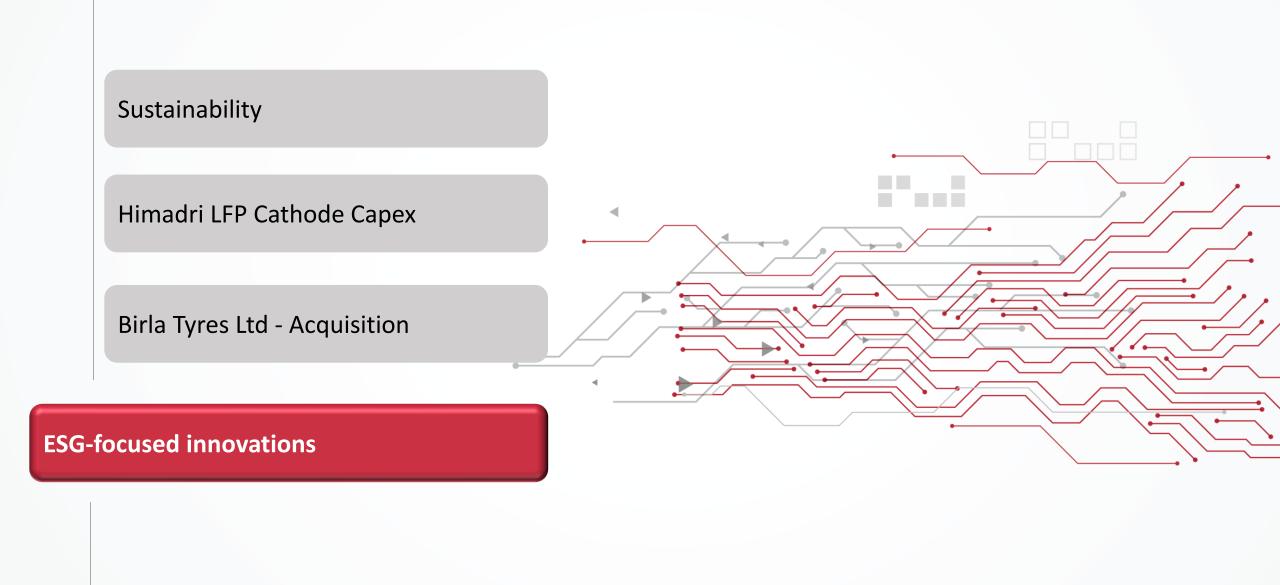
Forward integration into high margin niche offerings



Eligible for investment related incentives under State
Government Policy







# **EcoVadis Rating: Silver Medal**



Himadri Speciality Chemical Ltd has recently been awarded with **EcoVadis Silver Medal**. This recognition ranks Himadri in the **top 23% of the highest-rated companies in the world** amongst more than 100,000+ rated companies.

# ecovadis

EcoVadis is one of the world's largest and most trusted providers of business sustainability ratings, based on international standards. It assesses companies' actions and practices on their corporate social responsibility around four main themes: the environment, ethics, labor & human rights, and sustainable procurement.

# ecovadis

#### HIMADRI SPECIALITY CHEMICAL LTD (GROUP)

has been awarded a

#### Silver medal

as a recognition of their EcoVadis Rating

- DECEMBER 2023-





# Where Sustainability Meets Innovation



POWER
THE
FUTURE

Transformation Unfolds:
From Growing Carbon Value
Chain to Promising Mobility and
Energy Storage Opportunity

We will address substantial part of the critical raw material requirements of Lithium-Ion Batteries

# Sustainable business model powered by in-house R&D



Addressing the need for a green, long-term EV and renewable energy solution by providing critical raw material





More than 90% of the power requirement being met by inhouse generated clean and green power

Zero Liquid Discharge from Plants





Energy Conservation through Waste Heat Recovery System, Energy savings through Water Conservation & Process Reengineering

# **Net Zero Roadmap**



#### Research

- Explore innovative methods for capturing and transforming carbon emissions.
- Utilize upcoming technologies to capture and convert carbon dioxide into valueadded innovative products.
- Achieve a substantial portion of our netzero emissions target through these innovative technologies.



#### **Adapt**

- Implement new energy sources and technology advancements.
- Integrate renewable energy solutions for reduced carbon footprint.
- Shift production to carbon positive inputs for a Low-carbon future.

#### Recycle

- Design and create circular products.
- Encourage innovation and sustainability in customer solutions.
- Develop circular materials with reduced carbon footprint.
- Minimize material disposal in landfills.

#### Reduce

- Decrease reliance on conventional manufacturing methods.
- Emphasize maximum possible process optimization.
- Prioritize energy efficiency in all operational aspects.

# Net Zero Roadmap (Scope 1 & 2)



#### Scope 3 – Assessment is going on. At exit of 2023 we shall strategize the same as well

#### **Reduce 10% by 2025**



Reduce emissions by improving and using greener technologies



Research and adapt new ways to capture and convert carbon emissions



Investing in recycling technologies

#### Reduce 10% 2030



Adapt and implement circular material-focused products



Focus on adding renewable energy sources

#### Reduce 80% 2050

#### **ACHIEVE NET-ZERO EMISSION**

- Carbon offset projects and Carbon dioxide Capture, Utilization and Storage.
- Embarking on future generation science based projects opportunities
- Mixed and pure combustion of hydrogen (Scope 1)
- Implementation of Carbon Dioxide Capture and Storage and Direct Air Capture (Scope 2)
- Achieve 20% reduction as soon as possible
- Diversification of fuel types and investment in fuel switching (Scope 1)
- Investing in electrification and the use of renewable energy (Scope 1 & Scope 2)
- Reducing CO2 emission factors for purchased electricity, electricity intensity, energy conservation (Scope 2)

# **Status of Sustainability Objectives**

Behind Plan:

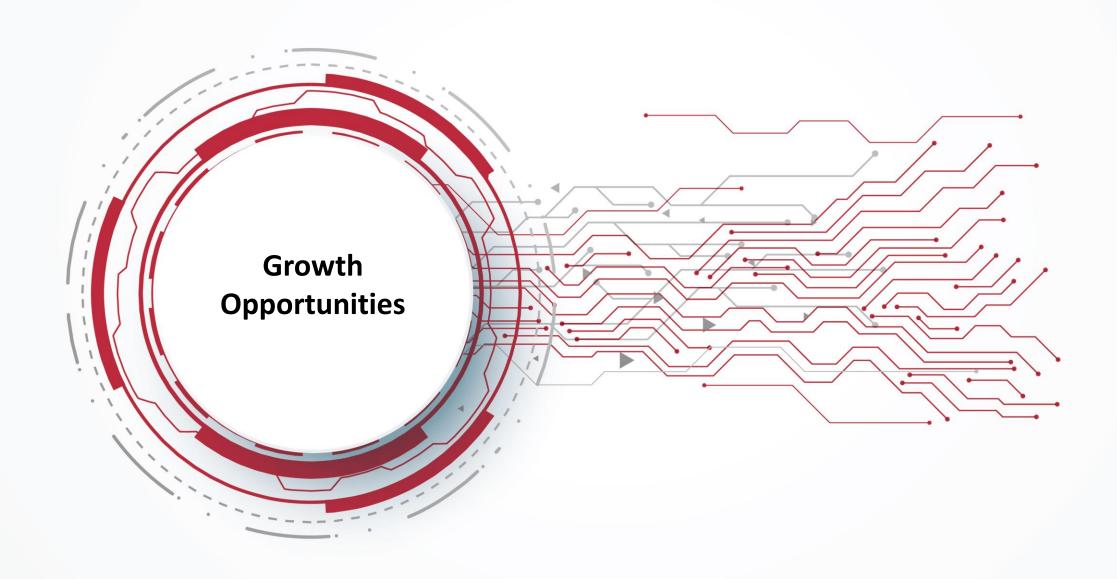


| Objectives                        | Measures  | Target<br>(Baseline<br>2021) | FY2023<br>Progress vs<br>Plan | FY2023 Progress<br>(1st Apr'22 - 31st<br>Mar'23) | Main Domain                | UNGC -SDGs   |
|-----------------------------------|---|------------------------------|-------------------------------|--|----------------------------|--|
| Vison Zero Accident /<br>Incident | By 2025, Loss Time Injury Frequency Rate below 1  | < 1                          |                               | 2.27   | People                     | 3 Good Health 5 Event Being  B Green Work 6 Strommer.  |
| Energy Consumption                | By 2025, Reduce Energy Intensity per metric tonne of product sold (Vs 2021)   | -10%                         |                               | -3.23%   | Planet                     | 9 Indicatory of the Control of Action  |
| CO2e emission Intensity           | By 2025, Reduce Scope 1 and Scope 2 CO2e emission intensity per metric tonne of product sold (Vs 2021)                              | -20%                         |                               | -14%   | Planet                     | 9 Montactives of strategies of the strategies of |
| Zero Liquid Discharge             | All plant must operate with ZLD status  | 0                            |                               | 100%   | Planet                     | 6 Clear Water 6 G Sandatun  9 Internation of Communication |
| Solid Waste                       | Reduce solid waste (Hazardous and sent to landfill) per metric tonne of product sold  | <1%                          |                               | 0.01%  | Planet                     | 9 behavior, of the control of the co |
| Recycle Materials                 | Increase the proportion of Non-virgin raw material from external sources used in production to avoid depletion of natural resources | > 95%                        |                               | 98.5%  | Planet                     | 9 trobusty, communities of tropics that the production of communities of tropics that the production of tropics that the pro |
| Gender Diversity                  | Increase female representation in management team   | 5%                           | -•                            | 4%   | 289 People                 | 5 Genetic Republic   |
| Compliance Training               | Increase percentage of Targeted staff, who completed anti<br>bribery and corruption training  | > 95%                        |                               | 99.86%   | Governance/<br>Communities | 16 Pencis Apatitor Bell Stational Be |
| Supply Chain Management           | By 2023, conduct sustainability assessment of our value chain partners covering at least 50% of group spend                         | 80%                          |                               | 82%  | Communities                | 8 B Discort Mork of Strammed To Reduced Integrating Control For the Goals Control For th |

Ahead of Schedule:

New Benchmark:

On Schedule:



# **HSCL**: Transformation Unfolds





#### Portfolio of Few Products

#### 2010

- » Coal tar pitch Binder grade
- » Coal tar pitch Impregnating
- » Carbon Black
- » Advanced Carbon Material
- » Naphthalene
- » SNF
- » C. B. Oil



From Growing Carbon Value Chain to Promising Mobility and Energy Storage Opportunity

#### 2011 to 2021

- » Aluminium Grade Pitch
- » Graphite Grade Binder Pitch
- » Graphite Grade Zero QI (Quinolene Insoluble) coal tar impregnated pitch
- » Advance Carbon Material for Lithium- ion Batteries
- » Special Pitch
- » Naphthalene
- Refined Naphthalene
- » Light Creosote Oils

- » Heavy Creosote Oils
- » Anthracene Oil/Carbon Black Oil/ CT Oil
- » SNF
- » PCE
- » Carbon Black
- Speciality Carbon Black
- » Himcoat enamel
- » Himcoat Primer-B
- » Himtape
- » Himwrap



#### Promising Growth Opportunity

Products forming the critical raw materials for Lithium-Ion Batteries to be included in the portfolio





2022 onwards

# **Applications across Industries**





Paints, Plastic & Fibre



**Graphite Electrodes** 



Anti Corrosive Material



Defence



**Construction Chemical** 



Aluminium



Lithium - Ion Batteries



Infrastructure



**Rubber Industries** 



**Wood Preservative Oils** 



Power



**Specialized Products** 

# **Marquee Clients across Industries**







































**STEUD COFORT?** 





































# Sustainable Growth in Core Business through Value-added products



#### Our Core Business will continue to deliver strong growth

#### **Coal Tar Pitch**

Developed specialized pitch – one of the very few global manufacturers and Improved life of anodes through continuous process improvements



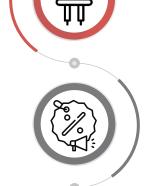


#### Carbon Black

Launched a series of application-specific speciality blacks with superior performance parameters which finds application in fibres, semicon cables, engineering plastics, inks and several other specialised applications.



Developed technology to manufacture critical material for Lithium-ion Batteries and we are one of the few companies globally to have backward integration for this material. R&D towards next generation products is continuously on.



#### **SNF & PCE**

Developed application-specific SNF for nonconstruction segment (agrochemicals, gypsum and latex) and next-generation products in PCE.



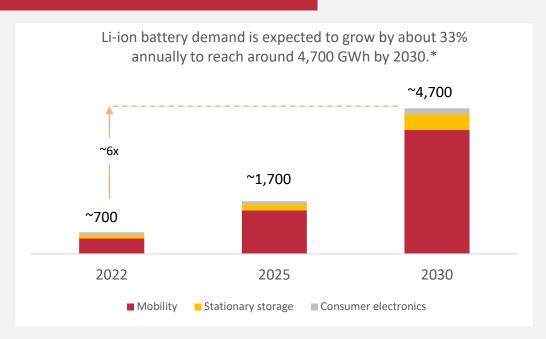
In-house R&D team enabled
Himadri to forward integrate and
regularly launch new specialised
products

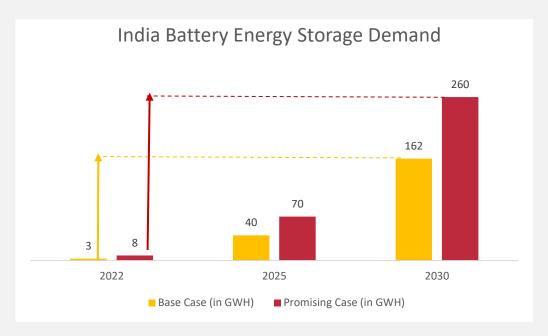


# Positioned strong to cater the global demand for LiB raw materials



#### **LiB Growth Potential**





Himadri is actively positioning itself to cater to a significant portion of the global demand for LiB raw materials

#### **Anode Material**

- Strong R&D team and execution roadmap for Anode materials
- Developments in Natural, Synthetic, Hybrid and Silicon Anode Materials for multiple applications
- Ongoing interactions with potential customers for approval process

# Positioned strong to cater the global demand for LiB raw materials



#### **LiB Recycling**

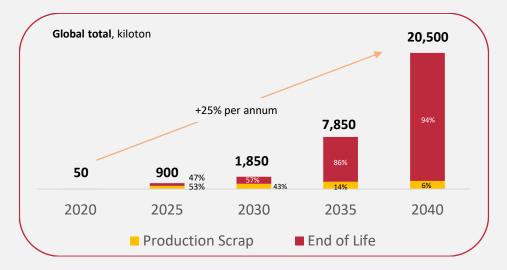
Recycling of Lithium-ion Batteries(LiB) will play a significant role:

- 1. Lowering the dependency on mined minerals and providing a circular economy structure
- 2. Reducing the total CO2 emission

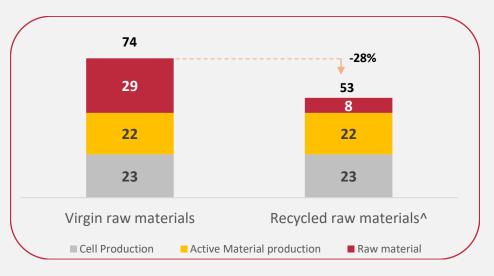
The Global Availability of EV batteries for recycling is expected to increase 25% YoY till 2040 resulting in a huge volume influx.

Himadri is keen to play a significant role in the LiB recycling in India.

The global supply of EV batteries for recycling is steadily increasing, driven primarily by production scrap before 2030 & end-of-life batteries after 2030\*

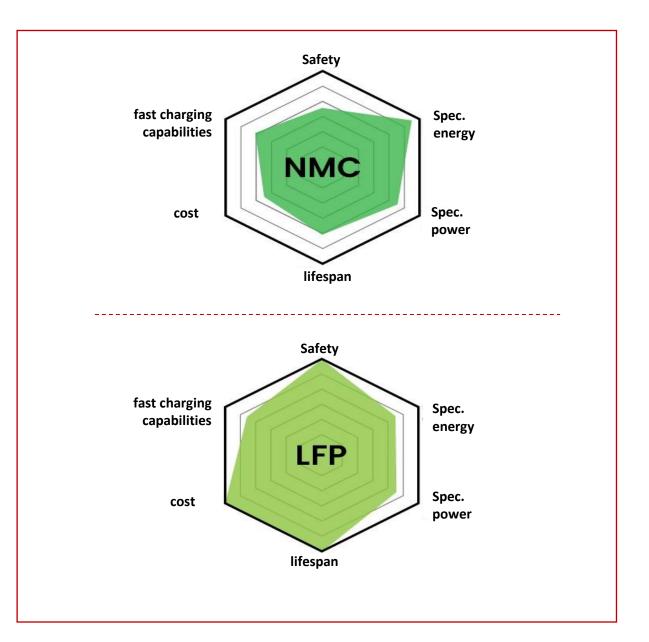


Total CO₂e battery cell production emissions from a nickelbased lithium-ion battery with virgin versus recycled materials, kgCO₂e per kWh\*



# Primary Cathode Active Material Used now - NMC & LFP





#### Working of LFP battery



LFP batteries use lithium iron phosphate as the cathode material alongside a graphite electrode with a metallic backing as the anode.



Unlike many cathode materials, LFP has its atoms arranged in a crystalline structure forming a 3D network of lithium ions compared to the 2D slabs from nickel manganese cobalt, helping better electrical conductivity.



Phosphate in LFP is a non-toxic material compared to cobalt oxide, and LFP batteries are capable of delivering constant voltage at a higher charge cycle.

# **Birla Tyres Limited - Turnaround Opportunity**



Having successfully forward integrated from Oil to Carbon Black, then to Speciality Carbon Black, Himadri stands at the threshold of an exciting transformation moving forward towards end customer, venturing into the world of Tyres

# Existing capability Himadri

#### **Sustainability Leadership**

- > Over three decades of commitment to sustainable carbon solutions
- ${\color{blue} > \quad Custom\text{-}made\ carbon\ black\ solutions\ tailored\ for\ tyre\ applications.}}$

#### **Quality Leadership**

- > Production of carbon black with the lowest impurities
- > Achieved through backward integration into the cleanest feedstock.

#### **Deep understanding of the Tyre Segment**

> Understanding of the tyre industry, with 70% of global carbon black production dedicated to tyre sector.

#### **Strategic Acquisition**



- Strong synergies with HSCL operations, product integration and future vision
- > A forward integration step
- Strategic fit towards Company's overall objective of being a lead player in EV space

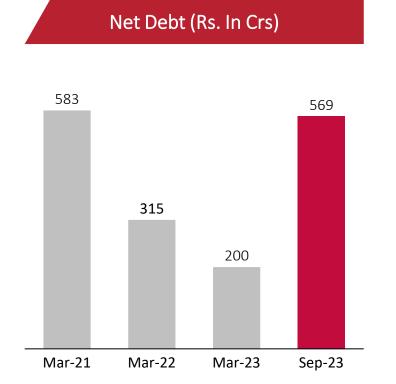
#### **Benefits of Acquisition**

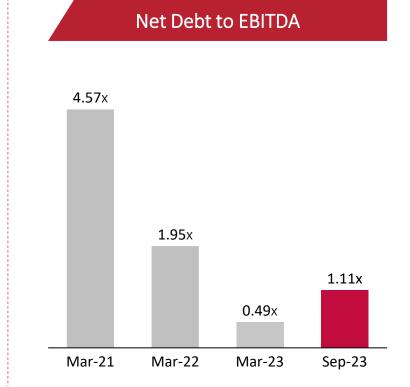


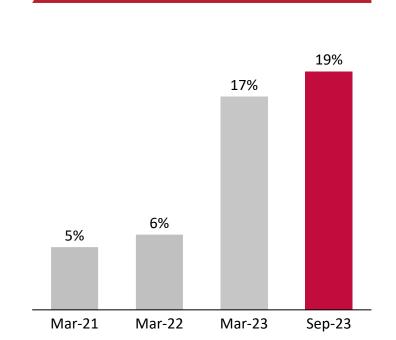
- > Foray into B2C segment
- Expansion of Product Portfolio-High VA Niche products
- New Segment- EV specialized tyres
- Broadening of Customer base
- > Enhanced Geographical reach

# **Strong Balance Sheet with Growing Returns**







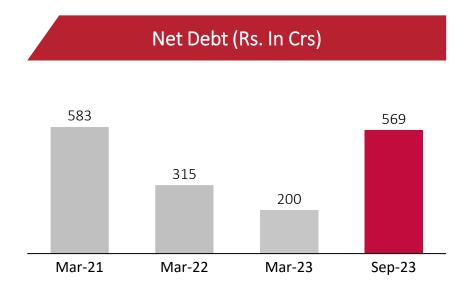


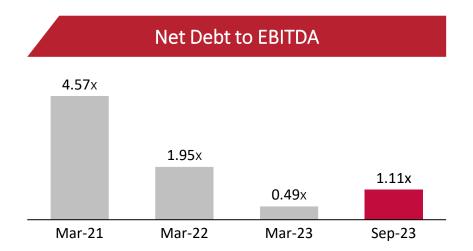
ROCE (excl. investment & CWIP)

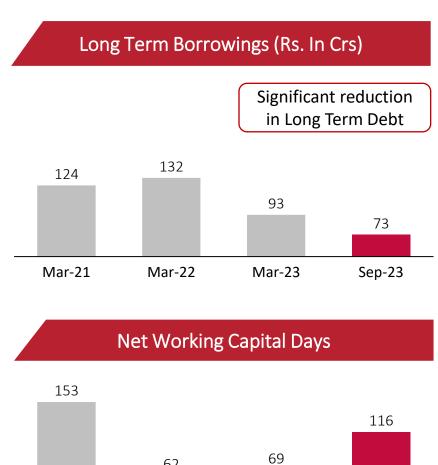
Long term debt reduced by Rs 20 crs

# **Capital Disciplined Balance Sheet**









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Mar-22

Mar-23

Sep-23

Mar-21

# **Key Takeaways**



# Unparalleled access to growth opportunities



**Transformation Unfolds** 

Addressing the needs of critical raw material requirements of Lithium-Ion Batteries



#### Company:

#### Himadri Speciality Chemical Ltd

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