

File No: 1010/2 November 10, 2022

BSE Limited P J Towers, Dalal Street, Fort Mumbai - 400001 Scrip Code: 542216 National Stock Exchange of India Limited "Exchange Plaza", Plot No. C-1, Block G Bandra - Kurla Complex, Bandra (East), Mumbai - 400 051 Symbol: DALBHARAT

**Subject: Investor Presentation - November 2022** 

Ref: Regulation 30 of SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015.

Dear Sir/Madam,

Please find enclosed herewith Investor Presentation - November 2022, which is proposed to be shared with Analysts / Investors.

We request you to please take the same on record.

Thanking you,

Yours faithfully,
For Dalmia Bharat Limited

Rajeev Kumar Company Secretary







# **Disclaimer**

Certain statements in this presentation describing the Company's objectives, projections, estimates and expectations may be 'forward looking statements' within the meaning of applicable laws and regulations.

Although our expectations are based on reasonable assumptions, these forward-looking statements may be influenced by numerous risks and uncertainties that could cause actual outcomes and results to be materially different from those expressed or implied. The Company takes no responsibility for any consequence of decisions made based on such statements and holds no obligation to update these in the future.

The past financial figures have been regrouped or rearranged as per the current grouping, wherever necessary.

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01

# **DALMIA AT A GLANCE**

### **Dalmia Group Overview**



Founded in 1939 by Late Shri Jaidayal Dalmia, Dalmia Group is one of the Fastest Growing and Most Profitable Groups in India



- Fourth-largest cement
  manufacturing company
  in India
- Capacity: 37.0 MnT\*
- Revenue: Rs 11,286 cr



- One of the fastest growing cane-based multi-product companies
- Capacity: 39,000 TCD\*
- Revenue: Rs 3,018 cr



- Second-LargestRefractory Player in Indiawith Global Footprint
- Capacity: 345 KMT\*
- Revenue: Rs 1,241 cr



# **DALMIA BHARAT LIMITED**

- 4th Largest Cement Player in the Fastest Growing Economy in the World





#### **Our Vision**

To unleash the potential of everyone we touch

#### **Our Mission**

To be in the top two in all our businesses on the strength of our people and the speed of our innovation

#### **Our Values**

- Integrity
- Humility
- Trust & Respect
- Commitment

#### People. Planet. Performance

At Dalmia Bharat, we believe that the interplay of our commitment to people, planet and profit makes us profitable for the moment and sustainable for the future.



### **Dalmia Bharat Limited by the Numbers**

#### **Fundamentals**

37.0 MnT\* Cement Capacity



22.2 MnT Sales Volume



20.9 MnT\* Clinker Capacity



339 MW\*



14



22



35,000





5,652

**Employees** 



#### **Financials**

₹11,286 Cr





₹ 5,059

NSR / Ton



₹ 2,426 Cr





₹ 1,091 EBITDA / Ton



21.5%





₹29,946 Cr\* Market Cap



₹1,160 Cr

Profit After Tax

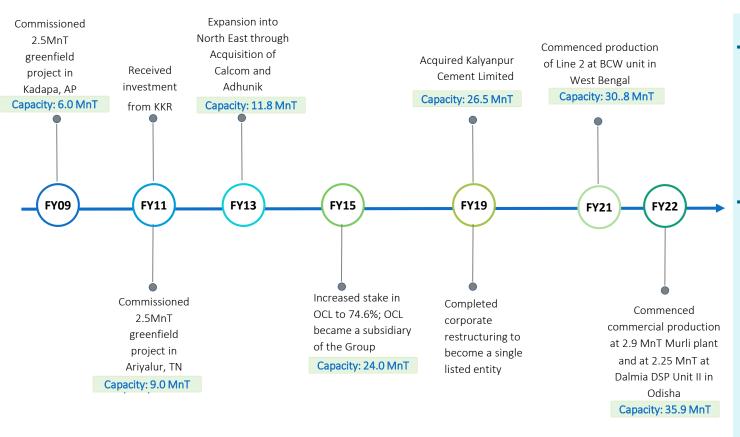


10.3% PAT Margin





### **Key Milestones Over The Past Decade**



#### **Past Decade**

Consistently made significant investments to expand capacity and diversify geographic footprint.

#### Today

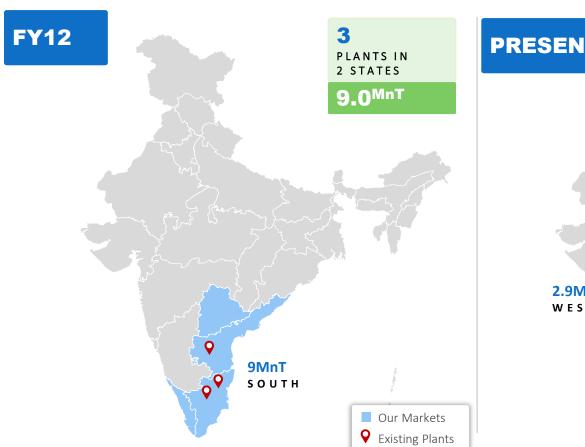
Enjoys leading market position in highly attractive East, North-East and South region.

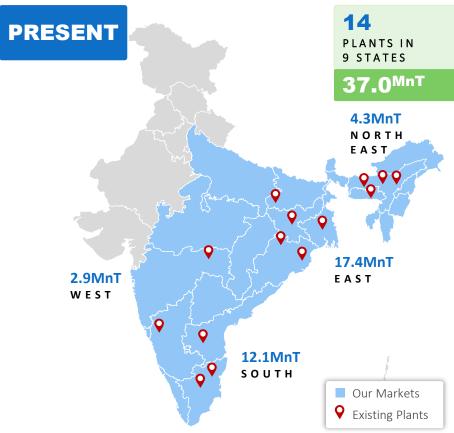
Continued focus to develop scale, build brand, leverage digital technology and sustainability

Well placed to capitalize on growth opportunity going forward



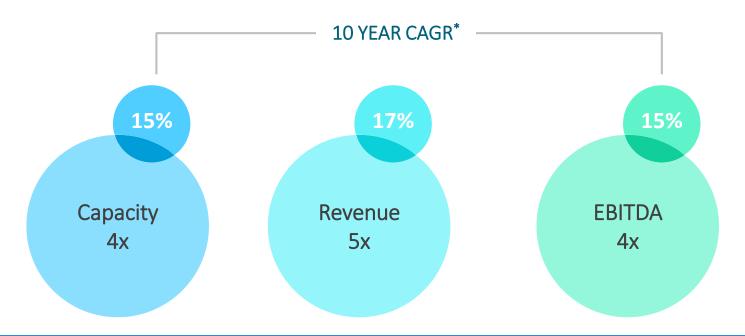
# **Geographic Expansion**







# **Growth Snapshot**



Aggressive Yet Sustainable Growth Enabled Us to Evolve as the 4th Largest Cement Player In India



# **INDUSTRY OUTLOOK**



### **Strong Revival In Indian Economy**

#### India's underlying economic fundamentals are strong despite the recent short-term turbulence



While IIP witnessed a slight decline in August, it has consistently witnessed high growth especially the manufacturing and infra related products

#### **Unemployment%**

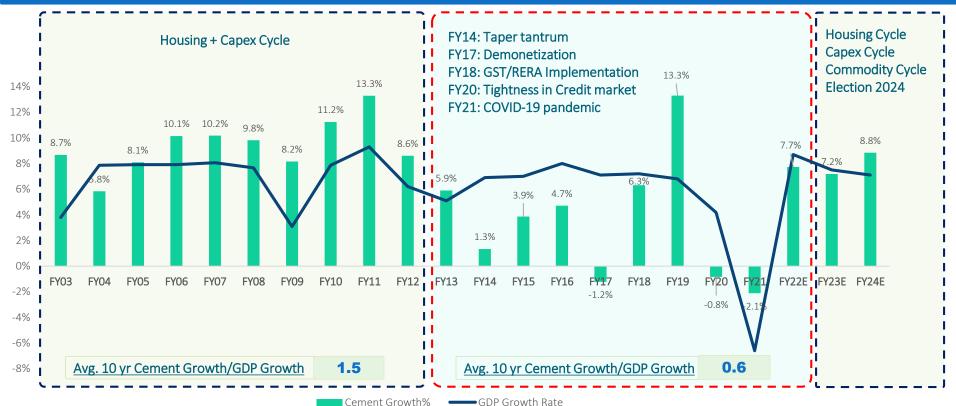


Rising agriculture activities and surge in industrial jobs have led to unemployment rate falling below even prepandemic levels



### **Cement Demand Growth To Be Robust**

After a slowdown in last decade, Cement Demand is expected to revive driven by a fresh Housing Cycle, Capex Cycle and Commodity Cycle







### Rural Housing & Affordable Housing

- Government's continued push on affordable housing, reflected in rising spending to provide subsidized loans to economically weaker segments of the population will support growth in cement demand
- Target for pending houses to be completed under PMAY-U is 6.2 million by December 2024 and PMAY –R is 11 million by March 2024

#### **Urban Housing**

- Demand supported by stamp duty cuts, multi-year low interest rates and rise in income levels
- Growth in hiring numbers, stable income levels and demand for better and larger homes on account shift to hybrid working model in customer segments working in IT/ITES, BFSI and related sectors

### Infrastructure: Roads, Airports &

Railways

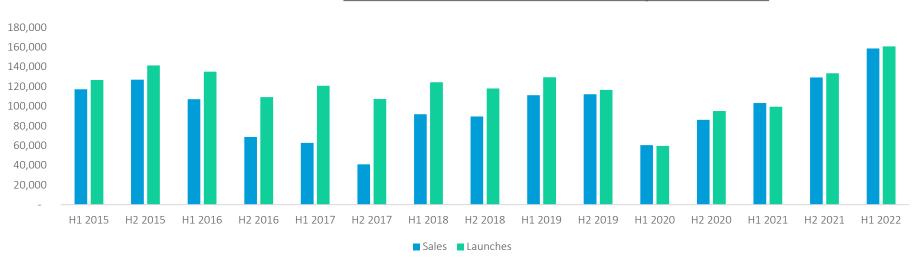
- Pending Bharatmala awarding of around 19,636 km is likely to get completed by FY23.
- AAI and major private airports such as Delhi, Hyderabad, Bangalore and Mumbai have capex plans of around Rs.
   58,00 crore during FY22-FY25
- During FY22-FY26, the capex under the National Rail Plan is at around 9.4 lakh crore of which 67% accounts for track infrastructure and terminals



### **Recovery in Real Estate Market**

The Residential sector has recorded a 9-year high sales volume in January–June 2022



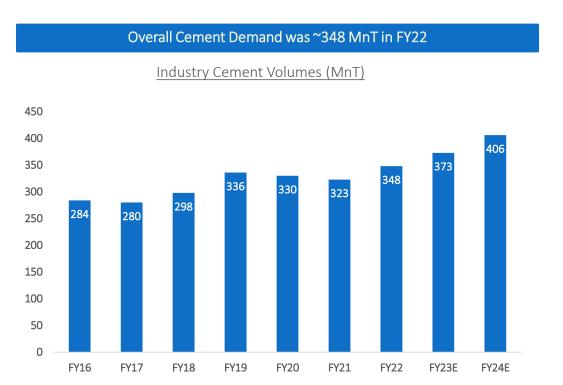


- ✓ Housing sales rose 60% annually in January-June this year across eight major cities at 1,58,705 units, the highest half-yearly demand in 9 years
- ✓ Key drivers include stamp duty cuts, low interest rates, comparatively low home prices and renewed need for home ownership sparked by pandemic
- ✓ Development activity has risen in tandem with the improved demand despite the increasing costs of input material and labor across market

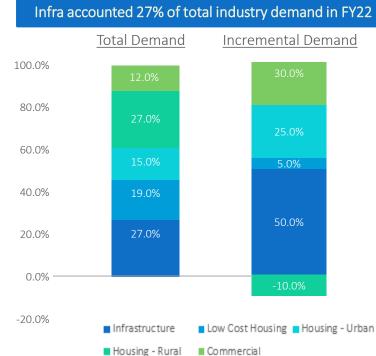
Source: KnightFrank



### **Infrastructure Demand To Be Key Driver**



Demand trajectory in the medium-term to remain healthy which is expected to accelerate on pre-election demand in FY24E



Infra accounted ~50% of the incremental demand in FY22

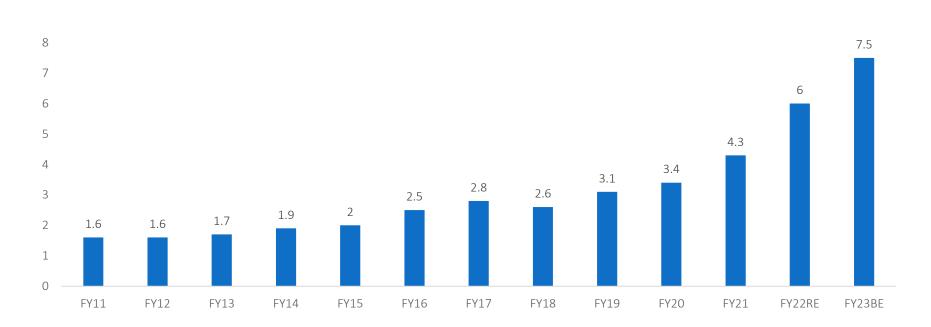
Source: Research Reports



### **Capex Push of Government to Drive Demand**

Union budget FY23's Capex push as well as continued focus on infrastructure development will boost cement demand

#### Capex by Center (Rs Trillion)





### **National Infrastructure Pipeline (NIP)**

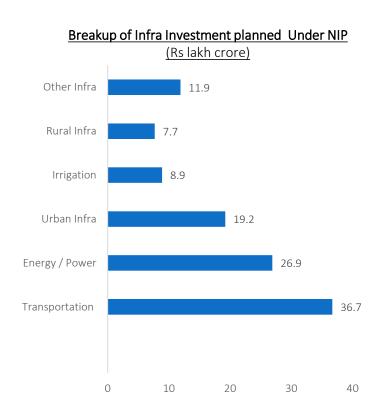
NIP Envisages Rs 111 lakh crore investment over FY20-FY25 period which would require doubling the pace of infrastructure investment

Major Part of NIP is towards transportation, energy/power and urban infrastructure which will see healthy traction of new project awards

Bharatmala execution is likely to get completed by FY26 provides a huge demand for the cement sector in the medium term

Investment of Rs 58,300 cr across various major airports in India

Capital Allocation under NRP is around is at around Rs 9.4 lakh cr of which 67% accounts for track infrastructure and terminal which will generate significant cement demand





# **COMPANY OVERVIEW**

### **Company Overview**



Integrated Model with State-of-Lowest Cost Producer with Proven Multi-tier Governance Structure Pioneer in the Area of the-Art Production Facilities and Track Record of Financial Overseen by Diverse Board Sustainability **Supply Chain** Performance 03 000 06 Ability to Add Capacity at Lowest Market Leader in Each of Our Diverse Product Portfolio with Strong Brand Recognition Cost **Operating Regions** 

### 01

### **Pioneer in the Area of Sustainability**

Dalmia has one of the lowest net carbon footprint in Global cement industry -  $467\,CO_2$  emission-Kg/ton in Q2FY23

First cement group to commit to become carbon negative by 2040

Largest producer of slag cement in India with ~83% blending ratio

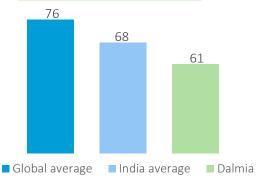
Pioneered usage of alternative fuel use in cement kilns

Commenced Electrical Vehicles Transition by joining EV100 and becomes first triple joiner globally (of RE100, EP100, and EV100

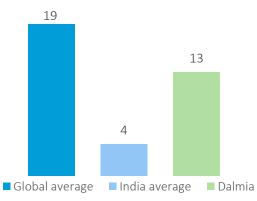
13.3x water-positive in Q2FY23







#### **Green Fuel %**



Source : GNR data for global (40% capacity) and India average (65% capacity)
\*Global & India Average based on latest published data; DBL data as of FY22
Green Fuel → Alternate fuel and raw material; TSR → Thermal Substitution Rate



### **Globally Recognized for its Focus on Sustainability**





COP 27 Business Leader



 Ranked #1 by CDP in global cement sector on business readiness for a low carbon economy transition

#### DALMIA BELIEF

Clean and Green is Profitable &Sustainable



Only cement company in the world to be invited to participate at the UN Climate Action
 Summit in 2019 and UN Climate Ambition Summit in 2020



Among the five climate defenders identified by BBC World globally



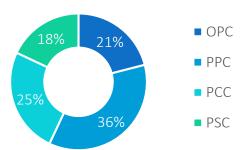
Member of The Alliance of CEO Climate Leaders by World Economic Forum



### **Diverse Product Portfolio with Strong Brand Recognition**



#### Product mix, FY22



#### Largest producer of Portland Slag Cement (PSC) in India

- Manufactured by blending ground clinker with slag and fly ash
- Reduced clinker factor for enhanced sustainability

#### Category leader in super-specialty cements

- Portfolio includes Railway Sleeper Cement, Oil Well Cement and special cements for air strips and nuclear power plants construction
- Largest producer of Oil Well Cement in India

Consumer Brands



 AA+ Category premium product for high strength concrete applications



 Produced using superior ingredients to provide high strength construction



 Protects the construction from harsh environmental conditions





 Superior ingredients and a Robotic Quality control process



 Consumers 25% less water & requires 15-20% lower cement content to produce concrete

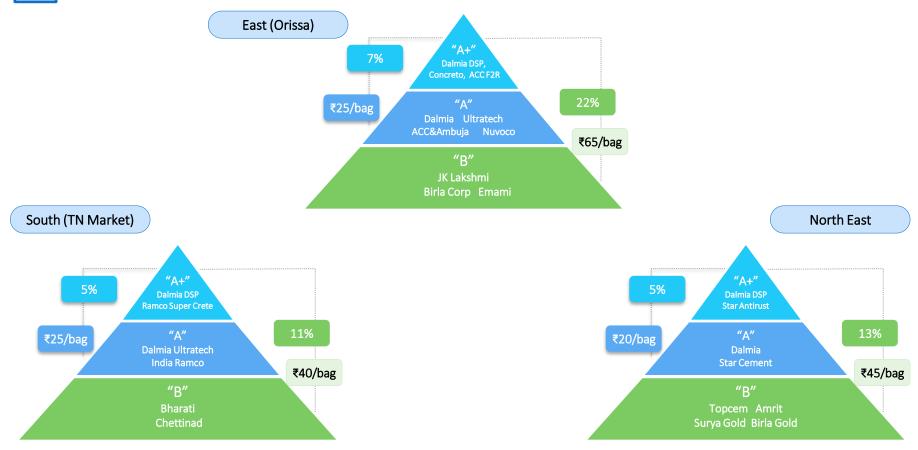


 Premium OPC Cement with lower setting-time that helps in reducing brick-lifting time



### **Diverse Product Portfolio with Strong Brand Recognition**





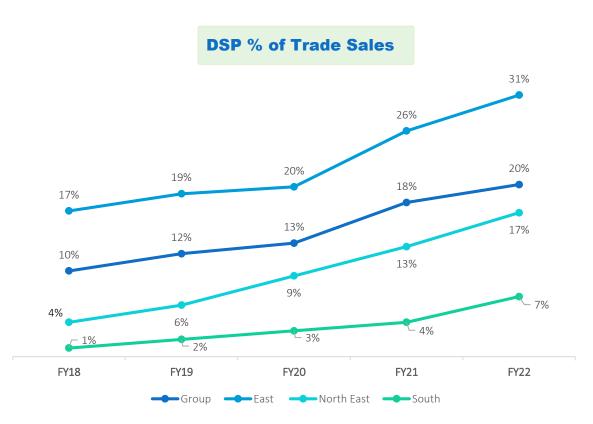


### **Consistent Increase in Share of Premium Product**





- Since its launch, Dalmia DSP has been immensely successful in East and North East Region
- DSP contributes 10-15% higher profitability than other products
- Constant increase in share % of trade sale
- Witnessed healthy growth in South and constituted 7% of trade sales in FY22



# **Diverse Product Portfolio with Strong Brand Recognition**



A testament of the quality of our cement is its usage in construction of some of the breakthrough projects in the country



Bogibeel Bridge, Assam
The largest Rail and Road Bridge in India



Hirakud Dam, Odisha World's longest dam



Salt Lake Stadium, Kolkata India's Largest Football Ground



Chennai Metro, Tamil Nadu 14 lakh daily passengers



**Dhola-Sadiya Bridge, Assam** The largest road bridge in Asia



Indian Air Force landing strip ,Arunachal Pradesh
Highly Advanced Air Strip

# **Diverse Product Portfolio with Strong Brand Recognition**





**Bangalore Mysore Highway** 



Subansiri HE Project
2000 MW project in Arunanchal Pradesh



**Bangalore Metro** 5.2 lac Passengers per day.



Teesta Hydro Electric Project 500 MW project



Kundankulam Nuclear Plant



Kalinga Stadium Multi Purpose International Stadium



### **Integrated Model with State-of-the-Art Facilities**





#### Raw Material

#### Limestone

- Each integrated plant has captive mines to extract limestone
- Avg. Life of Mine: ~30 Years
- Constantly participating in mine auctions – Recently won limestone block auction in Rajasthan

#### Fly Ash, Slag, Pet coke, Coal

- Strategically located plants providing easy access
- Long-term tie ups with suppliers
- Recently, won bid for Brinda & Sisai Coal Block with extractable reserves of ~15 MnT



#### **Power**

#### **Power Source**

- ~2/3 of power need met by 10
   Captive Power Plants
- Power Consumption <65 Kwh/ which is one of the lowest in the industry
- Captive Thermal Power Capacity: 210
   MW

#### Renewable Power

- Current WHRS Capacity: 41 MW
- Closing WHRS Capacity FY23: 72 MW
- Current Solar Capacity: 88 MW
- Closing Solar Capacity FY23: 101
   MW



#### **Plants**

#### Location

- Well Balanced Capacity staggered at central locations
- Only Company to have Clinker Unit In Bihar

#### **Technology**

- Fungible plants that are equipped with Multi Fuel Kilns & Boilers
- State-of-the-Art machinery with superior compressor along with variable frequency drives, and turbo blowers



# One of most Efficient and Robust Supply Chain



| Logistics Optimization Initiatives in FY22 |  |  |
|--|--|--|
|  | Introduced supply chain optimizer tool to improve our network                              |  |
|  | Institutionalized reverse auction across plants  |  |
|  | Ensured stock transfer through higher sized vehicles                                       |  |
|  | Set up 24*7 operational depot for uninterrupted unloading                                  |  |
|  | Used dedicated fleet model higher capacity vehicles  |  |
|  | Explored the idea of multi-modal dispatch through containers and CONCOR domestic container |  |

| Supply Chain by Numbers |                         |  |
|-------------------------|-------------------------|--|
| 8,000+                  | Truck Fleet             |  |
| 300+                    | Warehouses              |  |
| 2,300+                  | Daily Truck<br>Movement |  |
| 200+                    | Districts Served        |  |
| 222 K                   |                         |  |
| ~300 Km                 | Lead Distance           |  |
| 22                      | EV Purchased at Plants  |  |



### **Focused on Usage of Smart Technology**



#### Focused on automation and mobility and cloud solutions, strengthening supply chain management

#### **Plant Logistics**

Developed an in-house app to track and control the entire logistical value chain

Plant's yard gate-in → yard gateout → better utilization →lower turnaround time.

#### Delivery (Driver Sathi App)

Enables Dalmia Bharat to track delivery times and status, when there are multiple deliveries across several points, ensuring secure delivery by generating OTPs.



#### Transaction Lifecycle (Suvidha App)

Dealers get access real-time information about payments, discount earnings, their monthly accounts statements

#### Sales (Smart-D App)

Acts as a one-stop solution for the sales team to place orders on behalf of customers, track customer performance and satisfaction indices



**ANALYTICS:** Integrates data from multiple applications through process automation and provide real time insights



# **Ability to Add Capacity at Lowest Cost**







\$64/T

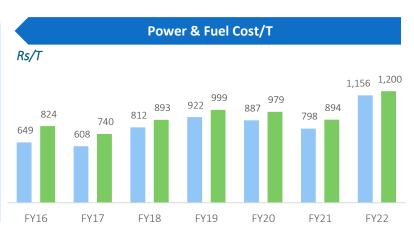


### **Lowest Total Cost Producer of Cement in India**



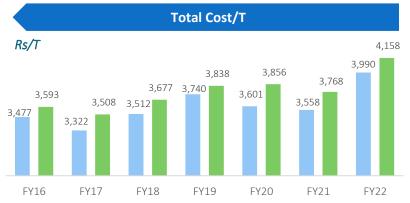


Key drives
include long
term tie-ups
with suppliers,
focus on
blended cement
along with
investment in
alternative fuel





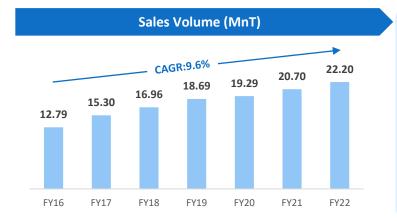
We continue to remain as the lowest cost structure even in the most volatile times



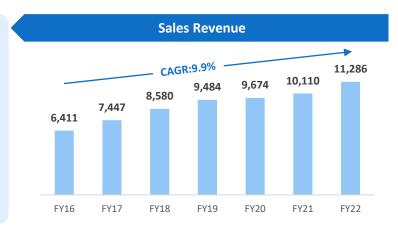


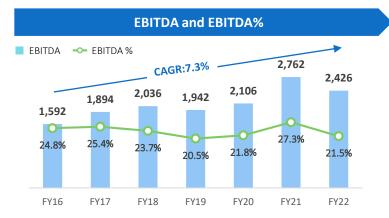
### **Proven Track Record of Financial Performance**



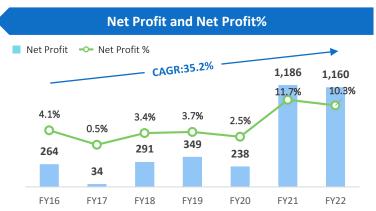


Consistent Capacity
additions have
enabled us drive
volume and
revenue growth





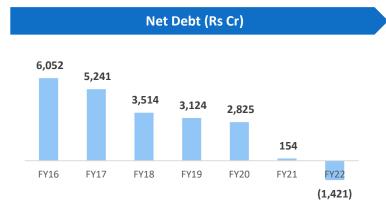
Continuous
investment in
supply chain and
greentech has
enabled us to
generate high
EBITDA and Profit
Margin despite
headwinds



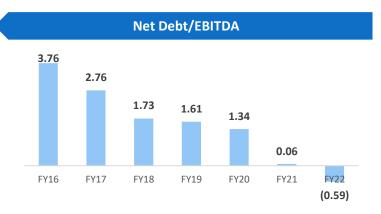


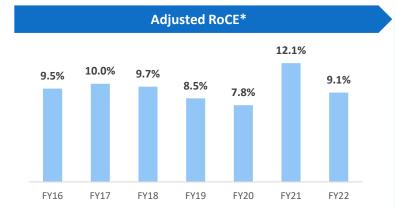
# **Proven Track Record of Financial Performance**



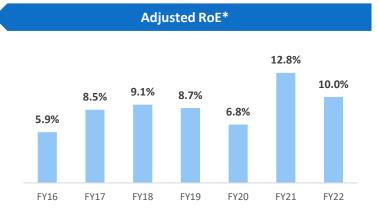


Our resiliency has enabled us to Delever our Balance Sheet and provided Flexibility for future expansion





Our consistent focus on efficiency have translated into attractive Return Ratios for our stakeholders





# **Market Leader in Highly Attractive East India Market**



Per capita cement consumption of the eastern regions is well below Pan-India

- East 150 175 kg
- All India 225 250 kg
- World 500 550 kg

GDP growth of eastern regions is well above Pan-India GDP growth<sup>(1)</sup>

East: 10.9%

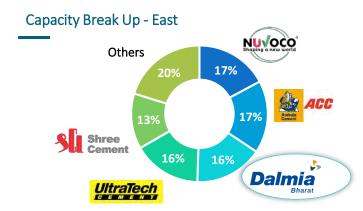
All India: 8.7%

#### Key demand drivers of the region

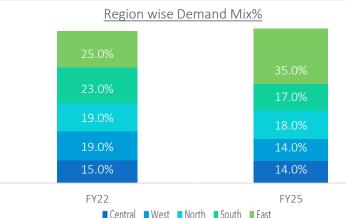
- Shortage of housing units 45%
   PMAY houses constructed till now are in East region
- With Eastern region playing a ever-increasing role in national security, government has initiated large pipeline of Infrastructure projects
- 21 out of 110 cities selected under Smart City Mission are located in East Region

#### **Key Projects**

- East West Dedicated Freight
  Corridor Project (₹73,084 cr)
- Smart City (Bilaspur) Project (₹8,000cr)
- Western Dock (Paradip Port)
   Project(₹3,025 cr)
- **Patna Metro** (₹13,366 cr)
- Airport City (Durgapur) Project (₹3,000 cr)
- Coastal Road (Gopalpur-Digha)
   Project (₹8,000 cr)







Central west North South East



#### **Multi-Tier Governance Structure**





Audit Committee

- Stakeholders' Relationship Committee
- Nomination and Remuneration Committee
- Corporate Social Responsibility Committee

- Risk Management Committee
- Group Governance Committee
- Buy Back Committee

Executive Committee

**Board of** 

**Directors** 



 11 member team of top management involved in strategic decision making and driving efficiency, profitability and sustainability

Regional / Plant Heads



 Manages day to day operation of the plants ensuring it is aligned with long term vision of the company

DBL is the only company among the Top 7 cement players in India to appoint one of the Big4 Accounting Firms to completely outsource Internal Audit Function



# **Overseen by a Reputed Board**





Pradip Kumar Khaitan
Chairman & Independent
Director

- Serves as senior partner of Khaitan & Co., an eminent firm of lawyers and member of the Bar Council of India, Bar Council of West Bengal and Indian Council of Arbitration, New Delhi
- Areas of specialization are commercial and corporate laws, tax laws, arbitration, intellectual property, foreign collaboration and M&A



Yadu Hari Dalmia (Non-Executive Director)

- Has over 46 years of experience in the cement industry and has earlier served as President of the Cement Manufacturers Association
- Bachelor of Commerce (Hons) & Chartered Accountant



Gautam Dalmia
Manaaina Director

- Has over 29 years of experience in cement and sugar industries.
- Holds a B.S and an M.S. degree in Electrical Engineering from Columbia University



Puneet Dalmia
Managing Director & CEO

- Has over 20 years of experience in cement industry.
- Government appointed Chairman of 25 member Development council for cement industry
- B.Tech from Indian Institute of Technology- Delhi and Gold-Medalist, M.B.A from IIM-Bangalore



Sudha Pillai
Independent Director

- Served Indian
   Administrative
   Services and held key positions at various
   Government bodies
   such as Planning
   Commission and NHAI
- Master's degree in Public Administration from Harvard University, USA



Virendra Singh Jain
Independent Director

- Previously served as CEO at Jindal Stainless Ltd. and Chairman of Steel Authority of India Ltd.
- Chartered Accountant and a Cost Accountant



Niddodi Subrao Rajan (Non-Executive Director)

- Serves as Co-Chief Executive Officer at IDFC Foundation; previously held leadership positions with IDFC first Bank and Tata Sons.
- Holds doctorate from Indian Institute of Technology New
   Delhi and a graduate degree from Xavier School of
   Management



# **Managed by a Diverse Leadership Team**





Mahendra Singhi (MD & CEO – DCBL)

- More than 40 years of experience in cement sector
- Also, previously served as President of Cement Manufacturer's Association (CMA)
- Chartered Accountant and a science and Law graduate



**Rajiv Bansal** President and Chief Transformation Officer

- Has over 27 years of corporate leadership in Power, IT and Internet Start-up Industry
- Bachelor of
  Commerce (Hons) &
  Chartered accountant
  and a Cost
  Accountant



**Dharmender Tuteja**Chief Financial Officer

- Has over 35 years of experience in various facets of Finance & Accounts function and Business Management in diverse industries
- Bachelor of
  Commerce (Hons)
  and Cost Accountant
  & Company Secretary



Udaiy Khanna Head - Human Resources

- Has over 30 years of experience in Human Resources across industries including IT, BFSI, Retail and Consumer Electronics
- MBA from XLRI Jamshedpur



Ganesh Wamanrao Jirkuntwar

Head - Manufacturing

- Has over 30 years of experience in manufacturing and plant operations across geographies including North America and Europe
- MBA from Warwick Business School



Dr. Arvind Bodhankar .Head – ESG and Chief Risk Officer

- Expert in renewable energy with 32+ years of proven track record and wealth of diverse experience in the area of Petrochemicals, Fertilizers, Steel, Cement amongst others
- Holds a PhD and a MBA

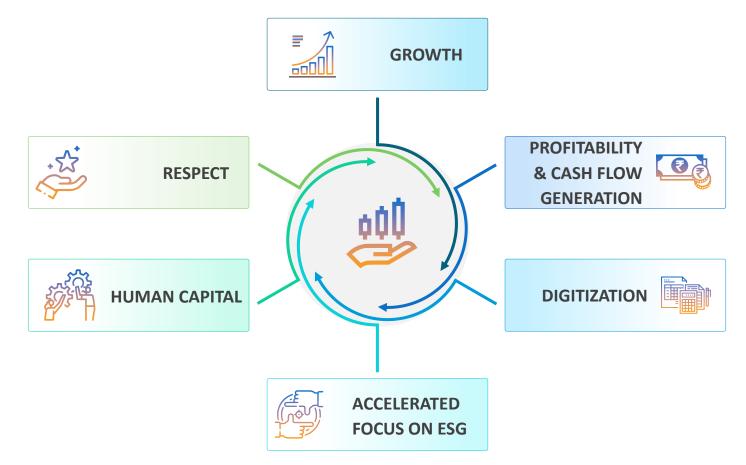


**CAPITAL ALLOCATION** 

40



#### **Drivers of Value Creation**





#### **Strategic Imperatives**

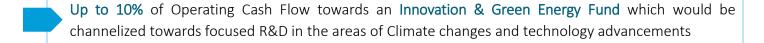




# **Disciplined and Value Focused Capital Allocation**

#### Capital Allocation Framework





The balance available funds will be used to fund growth as well as maintenance capex

Target Net Debt / EBITDA < 2.0x\*

Target ROCE of 14-15% over next few years

Treasury will be governed by our Board Approved Treasury Policy



#### **Innovation and Green Energy Fund**



Innovation in Logistics through use of digital tools and cutting edge technology



Investment in Industry 4.0 and IIoT for process optimization, enhancing productivity, superior scheduling & load balancing and performance management



Nurture initiatives which would help in further reduction in carbon footprint through enhancing the wastes utilization and green fuels utilization



Establishment of a fully equipped Research & Innovation Centre for development/optimization of new product formulations



Development of newer low carbon cements like LC3 and PLC



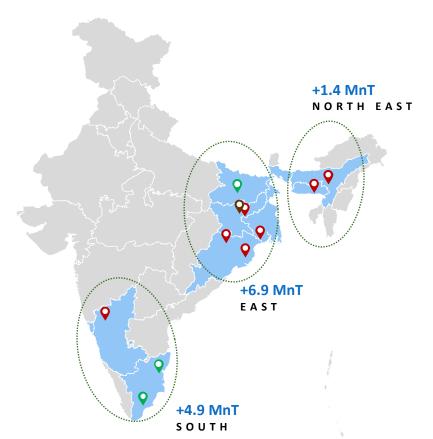
Setting up pilots for disruptive low carbon technologies like CCU, mineralization, oxy-fuel technology, carbon capture through direct calcination



# **CAPEX PLAN**

# **Cement Capacity Expansion Plan – 49 MnT by FY24**





| Region              | Plant             | Capacity | Commissioning |  |  |  |
|---------------------|-------------------|----------|---------------|--|--|--|
| Closing Capacity    |                   | 35.9     | 3             |  |  |  |
| <b>♀</b> East       | Bokaro, JH        | 0.6      |               |  |  |  |
| <b>♀</b> North East | Adhunik, ML       | 0.2      | H1FY23        |  |  |  |
| <b>Q</b> East       | Rajgangpur, OR    | 0.3      |               |  |  |  |
| Closing Capacity    | H1FY23            | 37.0     |               |  |  |  |
| <b>Q</b> East       | Kapilas, OR       | 0.4      |               |  |  |  |
| <b>Q</b> East       | Medinipur, WB     | 0.6      | FY23          |  |  |  |
| <b>♀</b> South      | Belgaum, KA       | 0.9      | F123          |  |  |  |
| <b>♀</b> North East | Calcom, AS        | 1.2      |               |  |  |  |
| Closing Capacity    | FY23              | 40.0     |               |  |  |  |
| <b>Q</b> East       | Bokaro Line 2, JH | 2.5      |               |  |  |  |
| South               | Sattur, TN        | 2.0      |               |  |  |  |
| <b>♀</b> South      | Ariyalur, TN      | 1.0      | FY24          |  |  |  |
| <b>♀</b> South      | Kadapa, AP        | 1.0      |               |  |  |  |
| <b>Q</b> East       | Vaishali, BR      | 2.5      |               |  |  |  |
| Closing Capacity    | y FY24            | 49.0     |               |  |  |  |

 <sup>○</sup> Debottlenecking ○ Brownfield ○ Greenfield

<sup>+</sup> Represents Capacity Additions from 35.9 MnT to 49.0 MnT
Represents States where in capacity are/would be added





|            | FY22 |                     | Q2FY23 |                     | FY24E |
|------------|------|---------------------|--------|---------------------|-------|
| SOUTH      | 7.8  |                     | 9.0    | <b>&gt;&gt;&gt;</b> | 10.4  |
| EAST       | 6.8  |                     | 7.4    |                     | 8.3   |
| NORTH-EAST | 2.3  |                     | 2.4    |                     | 2.9   |
| WEST       | 2.0  |                     | 2.1    |                     | 2.1   |
| TOTAL      | 18.9 | <b>&gt;&gt;&gt;</b> | 20.9   | <b>&gt;&gt;&gt;</b> | 23.7  |

(Figures in MnT)

# **Estimated Capex Breakdown**











<sup>\*</sup>Augmentation for limestone mining land in East was earlier classified as "Ongoing Capex" whereas it is now correctly been classified as "Others"



04

**ESG** 





#### Environmental, Social & Corporate Governance (ESG) has been an central pillar of our business strategy

#### Environmental



Our specific net emissions, 467 kg CO2/ tonne of cement, are well below the world average



First global cement company to embark on EP100,EV100 and RE100 collectively

First company from emerging economies in heavy-industry sector to join First Movers Coalition (FMC) as founding member



Led by sustainable business practices, we aim to become carbon negative by 2040 and 20 times water positive by 2025

#### Social



Corporate Social Responsibility activities assessed on ISO 26000, a first for an Indian cement company



Aligned our sustainability strategy to the UN Sustainable Development Goals (SDGs). The Dalmia Bharat Foundation, our CSR arm, helps meet our commitments to the UN SDGs



Our CSR program reaches out to over 10 lac individuals spread across eleven states

#### Governance



Institutionalized good governance led by robust Corporate Governance Guidelines, a Code of Conduct, and Financial Ethics



Through tools such as Oracle and SAP, Code of Conduct for Directors and Senior Management covers conflict of interests, honest and ethical conduct, confidentiality, protection and proper use of the company's assets, and compliance with laws



A formal Capital Allocation Policy and a Treasury Policy along with appointment of EY as Internal Auditor is a testament of our focus on Governance

# **Leading the Cement World Globally in Carbon Emissions**











<sup>\*</sup> Source: GNR data published in 2021 representative of 22% cement production in the world.

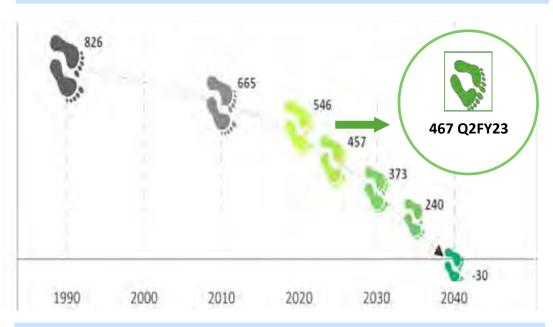
<sup>\*\*</sup> Source: GNR data published in 2021 representative of 55% cement production in India

## **Carbon Negative Roadmap**



- 100% blended cement production by 2025
- RE 100 commitment to transition to 100% renewable power by 2030
- EP 100 commitment to double energy productivity by 2030
- VEV 100 commitment for sizable Electric Vehicle transition by 2030
- Use of renewable biomass, hazardous waste, hydrogen and MSW to fully replace fossil fuel by 2035
- Development of Carbon Sinks / Carbon Sequestration
- Adoption of CCU and other advanced green technologies by 2035

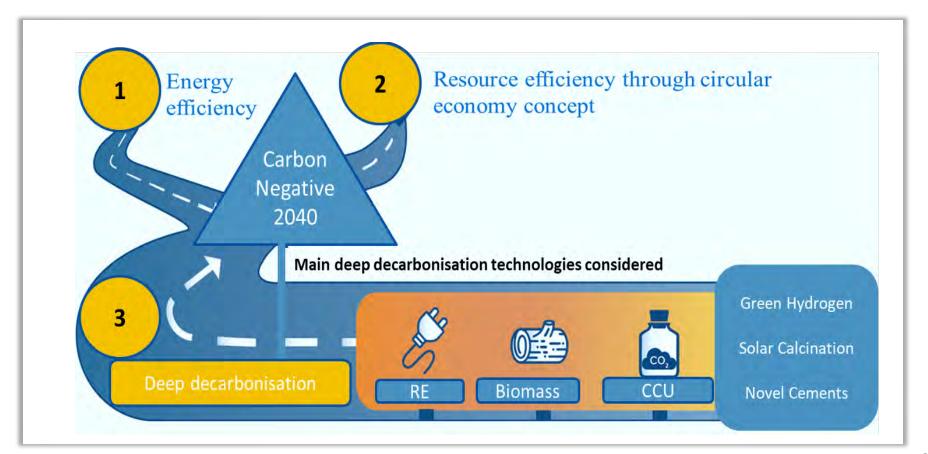
# Dalmia Determined Contribution (DDC) Grey to Green Roadmap for Carbon Negative Transition



Carbon Footprint Net CO2/ton of Cementitious Material

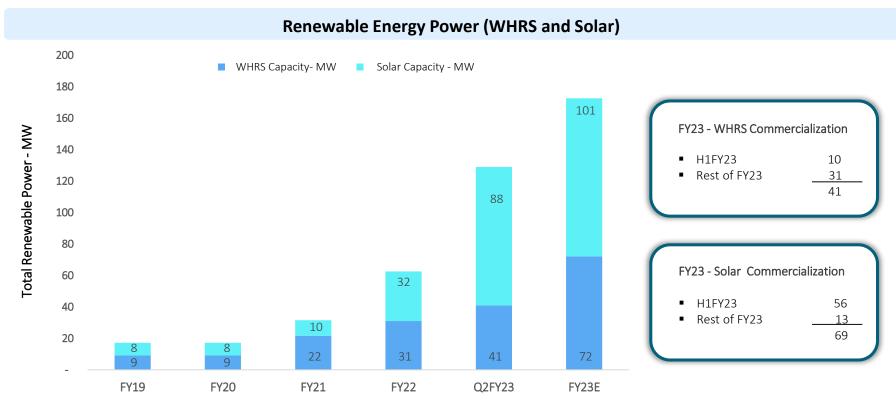


# **Carbon Negative Roadmap**









Additionally, as per commitment towards becoming carbon negative by 2040 and RE100 by 2030, company plans to further add 107 MW of solar power and 48 MW of wind power capacities by FY24



#### **MoU with FLSmidth, Denmark**

To Develop Breakthrough Innovations To Support Sustainability In Cement Industry, Dalmia Cement Signs MoU With FLSmidth, Denmark Under Green Strategic Partnership Of India And Denmark Government



- The company has signed a MoUwith FLSmidthA/S, a leading supplier of technology solutions and equipment for cement and mining processing industry, on 3rd May 2022 at Copenhagen in the presence of Prime Minister of India and Prime Minister of Denmark
- > Both sides commit to contribute ideas, research and development for an industrial scale cement production facility in order to develop breakthrough innovations to significantly accelerate the development of sustainability in cement and construction industry



### First Triple Joiner Globally of RE 100, EP 100 and EV 100

**RE** 100

A global initiative bringing together businesses committed to 100% renewable electricity by 2030

EP 100

A global campaign to double Energy Productivity by 2030

**EV** 100

A global global initiative to accelerate the transition to Electric Vehicles





























# 1.5°C - First Cement Company to join Globally

























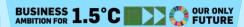












A global campaign towards a 1.5°C future at UN Climate Action Summit





# Globally ranked No. 1 by CDP





RANK:





RANK:



SCORE:

















In line with the Paris Agreement, Dalmia emerged as one of the world's greenest cement manufacturing companies



Out of the 13 cement majors globally, Dalmia Bharat ranked at the top of the Cement Sector League Table



Best performance in emissions intensity, clinker ratio and exposure to downstream regulation





#### **OUR STRATEGY**



Air cooling instead of water cooling in CPP



Rain water harvesting



Zero water discharge at plants



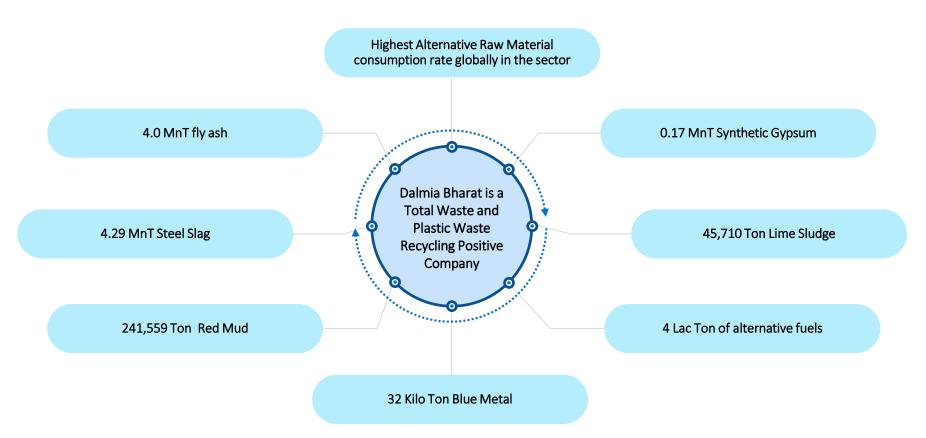
Intervention program: drip irrigation, ponds, sprinklers

# OUR RESULTS 20x 13.3x 2025 2019

| FY22*  | Million m <sup>3</sup> |
|--|------------------------|
| Freshwater Water withdrawal  | 3.0                    |
| Total Water withdrawal   | 4.0                    |
| Water recycled   | 1.1                    |
| Cumulative water harvesting and conservation potential (CSR)         | 33.69                  |
| Aggregate rainwater harvesting potential developed (plant and mines) | 13.25                  |



## **Usage of Industrial Wastes as Raw Material or Fuels**



Represents FY22 Data





#### Measures

- Natural resource conservation by optimal use of Industrial wastes from other industries such as Steel, Thermal Power, Aluminum
- Strategic acquisitions of cement companies to further optimize the low carbon cement production - Blended Cements
- Commissioned state-of-the-art new cement plants with latest available technologies
- Plant-wise/unit-wise monthly GHG footprint monitoring and target settings
- Accelerated the alternative fuel use in cement kilns
- New power plants based on renewable energy such as solar, wasted heat from kiln off-gases
- Targeted to become water positive cement group









- Less Limestone and energy consumption /ton of cement
- Became largest producer of Portland Slag cement in India - A lowest carbon footprint cement
- One of the best energy efficiency ratings globally resulted in energy demand reduction
- GHG emissions monitoring with discussions on opportunities for improvement
- Replacement of fossil fuels
- Renewable power to replace fossil fuel based electricity
- Better relations with local communities, community wide GHG reductions and more than 5 times water positive cement group.



## **Sustainability - Awards & Accolades**



#### Dalmia Bharat has been consistently respected and recognized for its focus on Sustainability

#### **Green Accreditation**

Green Product Rating for Integrated Habitat
Assessment (GRIHA) council

GreenPro Ecolabelling Certificate Indian Green Building Council (IGBC)

Asia Sustainability and
Environmental Stewardship Award
International Cement Executive

"Climate Action Programme, CAP 2.0"

Award

Confederation of Indian Industry (CII)



Dalmiapuram Unit won Best Environmental Excellence in Limestone Mines NCCBM Corporate Category: Sustainability in Cement Sector

Apex India Green Leaf Award

National Award for Excellence in Energy
Management

Confederation of Indian Industry (CII)

RGP unit awarded "ESG Champion" for Green Fuel and Net Zero Commitments India Sustainability Awards 2022

Corporate Category: Environment Protection

**Greentech Environment Award 2022** 

# **Redefining Corporate Governance**





- First cement company in India to formally announce a Capital Allocation Policy
- Formal Treasury Policy -At least 85% of the money should be invested in AAA rated debt instruments, while the balance 15% can be in AA+ rated debt instruments



- Appointed one of the Big4 accounting firms, EY, as its Internal Auditors
- Member firm of Grant Thornton, Walker Chandiok & Co., appointed as Statutory auditors of the company



- Segregated the family office and the corporate office
- Completed Sale of Hippo Stores (retail business)
- Completed Restructuring of Refractory business
- Continue to evaluate divestment of IEX stake



- Use technology to track and monitor every dimension of business as well as to minimize human intervention and errors
- Use of SAP and Oracle across organization has strengthen operational checks and balances



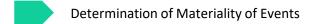
- Implemented a organization wide Risk Framework
- Employee handbook encouraging best practices

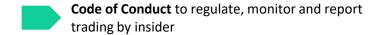
HIGHEST STANDARDS OF GOVERNANCE

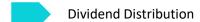
#### **Governing Polices at Dalmia**



| Code of Conduct for all members of Board of |
|---|
| Directors and Senior Management             |







Code of Practices and Procedures for Fair Disclosure of unpublished price sensitive information

Policy for Preservation of documents

Related Party Transaction

Determination of Material Subsidiary

Nomination and Remuneration

Familiarization Program of Independent Directors

Corporate Social Responsibility

Terms of Appointment of Independent Directors

Whistle Blower Policy and Vigil Mechanism

Website Document Archival Policy

# First Indian Cement Company to Have its CSR Processes Assured on ISO 26000



#### **Major Initiatives**

 Dalmia Institute of Knowledge & Skill Harnessing (DIKSHa), a skill training center, actively involved in imparting skill trainings in farm and non-farm sector, building Community based organizations and enabling access to finance

- Extended livelihood training designed a focused group to address the specific needs of tribunal communities
- Development programs Education, Health,
   Sanitization and Literacy

DIKSHa @ 11 Centers in 7 States | 7,480 completed training | 6,661 job offered as of 30<sup>th</sup> September, 2022

Improving livelihood through 3 Wadi development project, 6 Farmer Producer Companies, Bamboo cultivation, micro-enterprises I ~11,000 Self Help Group (SHG) members in 963 SHGs

Reach to 1 Lakh people through Health camps, annually | 131 school sanitation blocks & 5000+ individual sanitary latrines benefitting over 30,000 people I Building Community Infrastructure

# Theory of Change Designed to Ensure CSR Initiatives Help Achieve Our Vision & Mission



|                                 | Creating Opportunities  | Activities   | Expected Outcome  | Impact  |
|---------------------------------|---|--|---|---|
| Livelihood                      | Skill training in the farm sector aiming at improving the agriculture and allied activities                                   | Farm Schools for skilling DIKSHa and allied training facilities                      | % increase in yield pre and post intervention   | Social - Improved quality of life through access to basic services  Economic - Increase in income of beneficiaries resulting decline in poverty   |
| Access to<br>Clean Energy       | Facilitating use of cleaner fuel in the kitchens Facilitating use of renewable energy for domestic and agricultural purposes. | Promotion of Fuel Efficient Cookstoves and solar powered equipment                   | Access to Cleaner<br>fuel and reduction<br>in consumption of<br>wood/coal as fuel   | Social - Less morbidity related to smoke emitted from cookstoves  Economic - Decrease in expenditure on account of purchase of wood/coal  Environmental - reduction in GHGs measured through CO2 emission reduction           |
| Soil &<br>Water<br>Conservation | Making more water available for agriculture and domestic use to the communities through rainwater harvesting                  | Integrated Watershed Management, Roof-top rainwater harvesting, Recharging borewells | 50 million m <sup>3</sup> water harvested Rainfed area brought under irrigation Uncultivated area brought under cultivation | Social - Improved quality of life through access to basic services  Economic - Increase in income of beneficiaries resulting decline in poverty  Environmental - Reduction in vulnerability to climate related extreme events |

#### **CSR Program - Awards & Accolades**



#### Our CSR Program has been consistently recognized by several institutional bodies and forums

#### "Platinum Award" won by RGP unit

Apex India Occupational Health & Safety Awards

#### NABARD Assam

Winner Best Tribal Development Fund 2022

#### ET 2 GOOD 4 GOOD:

Achieving Distinction in the pillars of Corporate Governance, Strategy, Monitoring & Evaluation, 2015-16

ET NOW CSR Leadership Awards 2018 & 2016



#### GMF Pinnacle Award

BCW Unit received Platinum Award for CSR initiatives 2022

# Commendation for Significant Achievement in CSR

CII-ITC Sustainability Awards 2019, 2017, 2016, 2014, 2013

#### **FICCI-CSR Awards**

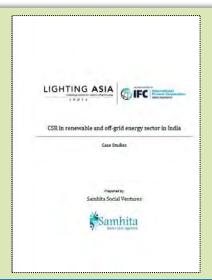
for Creating Sustainable Environment 2020

Institute of Quality and Environment Management Services

RGP Unit - Kalinga Environment Excellence Award 2020 Greentech Award Winner2020



#### **CSR Programs Covered by International Publications**



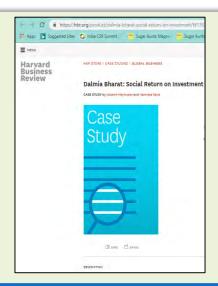
# Case Study report published by IFC

The CSR initiatives taken up by DBL appeared in the Case Study report published by IFC named, 'CSR in renewable and off-grid energy sector in India'.



# Recognition from CII and NITI Aayog

CII and NITI Aayog recognized the CSR initiatives by DBL in their report, 'Indian solutions for the world to achieve SDGs and Synergistic water conservation



# Case Study published by Harvard Business Review

The initiatives taken up by DBL in soil and water conservation to promote sustainability were presented as a Case Study in HBR

#### **Our CSR Partners**















































































|                       | FY16  | FY17  | FY18  | FY19  | FY20  | FY21   | FY22    |
|-----------------------|-------|-------|-------|-------|-------|--------|---------|
| Cement Capacity - MnT | 25.00 | 25.00 | 25.00 | 26.50 | 26.50 | 30.75  | 35.9    |
| Sales Volume - MnT    | 12.79 | 15.30 | 16.96 | 18.69 | 19.29 | 20.70  | 22.2    |
| Net Sales - Rs Cr     | 6,411 | 7,447 | 8,580 | 9,484 | 9,674 | 10,110 | 11,286  |
| EBITDA - Rs Cr        | 1,592 | 1,894 | 2,036 | 1,942 | 2,106 | 2,762  | 2,426   |
| EBITDA Margin%        | 24.8% | 25.4% | 23.7% | 20.5% | 21.8% | 27.3%  | 21.5%   |
| EBITDA - Rs/MT        | 1,265 | 1,261 | 1,198 | 1,009 | 1,072 | 1,333  | 1,091   |
| PBT - Rs Cr           | 510   | 108   | 389   | 339   | 357   | 1,364  | 1,146   |
| PAT - Rs Cr           | 264   | 34    | 291   | 349   | 238   | 1,186  | 1,160   |
| Profit Margin%        | 4.1%  | 0.5%  | 3.4%  | 3.7%  | 2.5%  | 11.7%  | 10.3%   |
| Net Debt – Rs Cr      | 6.052 | 5,241 | 3,514 | 3,124 | 2,825 | 154    | (1,421) |
| Net Debt/EBITDA       | 3.76x | 2.76x | 1.73x | 1.61x | 1.34x | 0.06x  | (0.59x) |



# **Adjusted RoCE and RoE**

|   | REPORTED |         |         |        | ADJUSTED |         |         |         |        |        |
|---|----------|---------|---------|--------|----------|---------|---------|---------|--------|--------|
| (in Rs Cr)                              | FY18     | FY19    | FY20    | FY21   | FY22     | FY18    | FY19    | FY20    | FY21   | FY22   |
| EBITDA (inclusive Other Income)         | 2,292    | 2,186   | 2,323   | 2,943  | 2,581    | 2,292   | 2,186   | 2,323   | 2,943  | 2,581  |
| Less : - Depreciation as per books      | (1,213)  | (1,296) | (1,528) | 1,250  | 1,236    | (1,213) | (1,296) | (1,528) | 1,250  | 1,236  |
| Add: Amortization on Goodwill           |          |         |         |        |          | 417     | 420     | 402     | 203    | 203    |
| EBIT                                    | 1,079    | 890     | 795     | 1,693  | 1,345    | 1,496   | 1,310   | 1,197   | 1,896  | 1,548  |
| Less: Finance Cost                      | 690      | 551     | 438     | 295    | 197      | 690     | 551     | 438     | 295    | 197    |
| PBT                                     | 389      | 339     | 357     | 1,364  | 1146     | 806     | 759     | 759     | 1,601  | 1,351  |
| Less: Tax expense                       | 98       | -10     | 119     | 178    | (14)     | 98      | -10     | 119     | 178    | -14    |
| PAT                                     | 291      | 349     | 238     | 1,186  | 1,160    | 708     | 769     | 640     | 1,389  | 1,363  |
|   |          |         |         |        |          |         |         |         |        |        |
| Equity + Reserves + Minority Interest   | 10,305   | 10,650  | 10,629  | 12,844 | 15,759   | 10,305  | 10,650  | 10,629  | 12,844 | 15,759 |
| Less: WDV of Goodwill on merger schemes |          |         |         |        |          | (1,809) | (1,389) | (987)   | (784)  | (581)  |
| Total Net Worth                         | 10,305   | 10,650  | 10,629  | 12,844 | 15,759   | 8,496   | 9,261   | 9,642   | 12,060 | 15,178 |
| Add: Gross Debt                         | 7,276    | 5,907   | 5,966   | 3,726  | 3,140    | 7,276   | 5,907   | 5,966   | 3,726  | 3,140  |
| Capital Employed                        | 17,581   | 16,557  | 16,595  | 16,570 | 18,899   | 15,772  | 15,168  | 15,608  | 15,786 | 18,318 |
|   |          |         |         |        |          |         |         |         |        |        |
| RoCE%                                   | 6.1%     | 5.2%    | 4.8%    | 10.2%  | 7.6%     | 9.7%    | 8.5%    | 7.8%    | 12.1%  | 9.1%   |
| RoE%                                    | 2.9%     | 3.3%    | 2.2%    | 10.1%  | 8.1%     | 9.1%    | 8.7%    | 6.8%    | 12.8%  | 10.0%  |

