



Bodal Chemicals Limited

Investor Presentation – November 2022



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Q2 & H1 FY23 Highlights

Business Highlights

H1
FY23

Rs 8,602 mn
Revenue

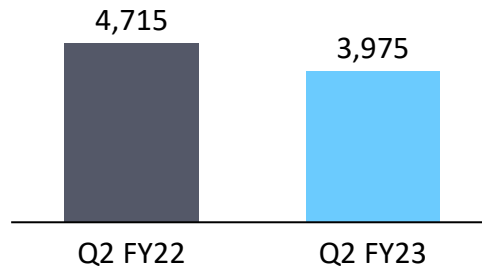
Rs 874 mn
EBITDA

Rs 328 mn
PAT

- Overall business performance for H1FY23 has been moderate with total revenue of Rs 8,602 mn, a marginal de-growth of 5% on a YoY basis due to subdued performance of Dye Intermediates. Consumption of end-user industries has been volatile with the destocking of inventories amidst a bleak outlook. Although, the strong performance of Caustic Soda has partly neutralized the muted performance of the Dye Intermediates business. Power, fuel, and logistic cost has increased the other expenses considerably for the period and same has been echoed in profitability.
- The Dyestuff business has shown a flattish performance over the last few quarters. Revenue contribution from dyestuff stood at Rs 3,138 mn in H1FY23. Dye Intermediates revenue stood at Rs 1,759 mn for H1FY23, a de-growth of 44%. Zero Covid policy in China has decayed their overall consumption, which has led to lower prices and excess supply across the globe. Therefore, this has adversely impacted our business. Average prices of our key products, i.e., H Acid and Vinyl Sulphone have been moderated in Q2FY23 to Rs 437 per kg and Rs 255 per kg, respectively.
- Although, our basic chemicals division also reported healthy performance led by better realization. Revenue contribution from basic chemicals stood at Rs 1091 mn for H1FY23.
- The Chlor Alkali business has been rock solid for the first half of the year, with revenue of Rs 1,664 mn driven by a healthy volume and higher realization of caustic soda. We are delighted to inform you that the company has successfully completed the technology upgradation of the Rajpura Unit in Punjab. Post upgradation, incremental demand of Caustic Soda will be addressed efficiently with lower energy costs.
- Most of our subsidiaries have reported a weak performance led by an uncertain macro environment. Sener Boya has reported noteworthy profitability. The SPS unit has been amalgamated and same has been incorporated in the standalone financials of Q2 & H1FY23
- Part of the construction activity has been delayed due to prolong monsoon and labor shortage in the previous two quarter. Our Saykha Greenfield Project is expected to start trial run of Benzene Derivatives in Q2FY24. Once this new site is stabilized, we will start the trial run of Sulphuric Acid by Q4FY24. As a part of the project review, product MPDSA, PNA, 2,4 DNCB is kept on hold.

Performance Highlights

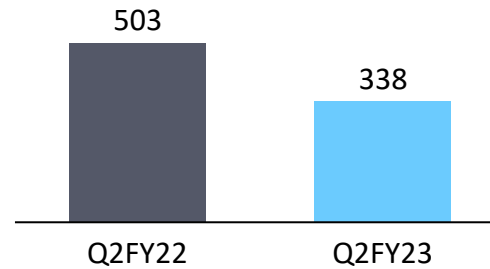
Revenue (Rs. In Mn)



EBITDA (Rs. In Mn)

10.7%

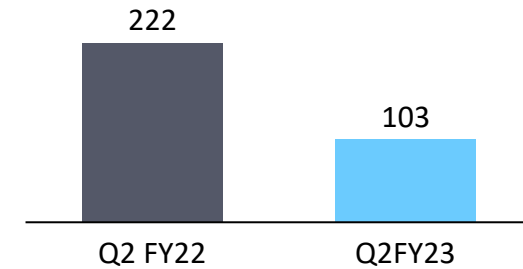
8.5%



PAT (Rs. In Mn)

4.7%

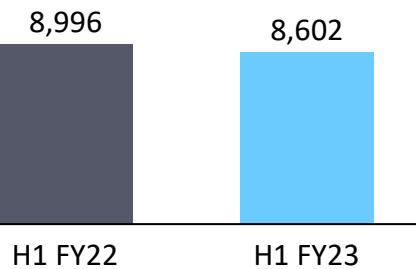
2.6%



Margin

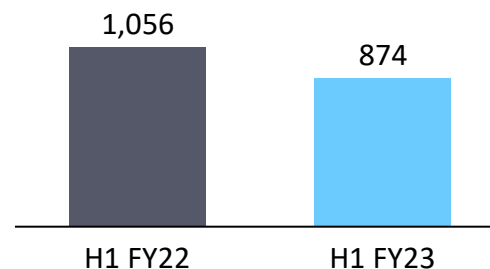
Q2 FY23 Performance

H1 FY23 Performance



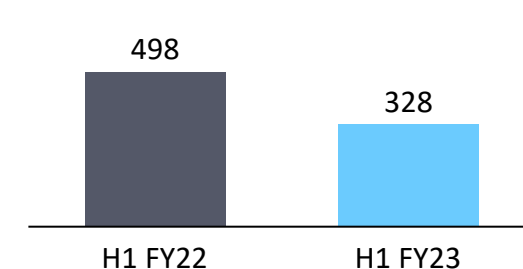
11.7%

10.2%



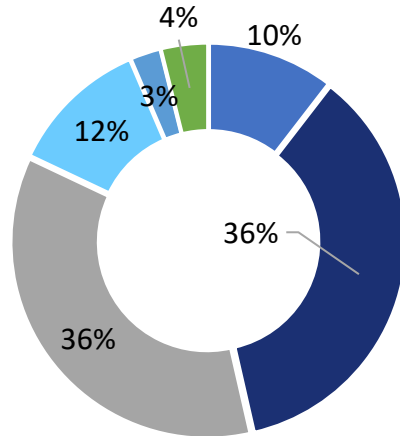
5.5%

3.8%

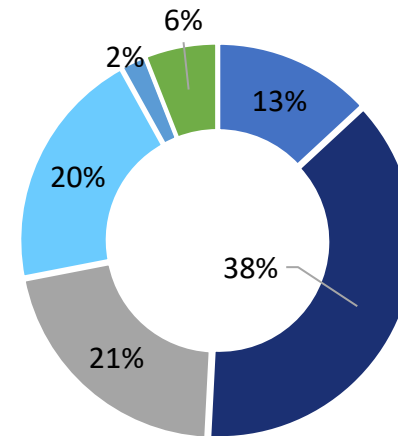


Performance Highlights

H1 FY22
Revenue Rs 8,817 mn

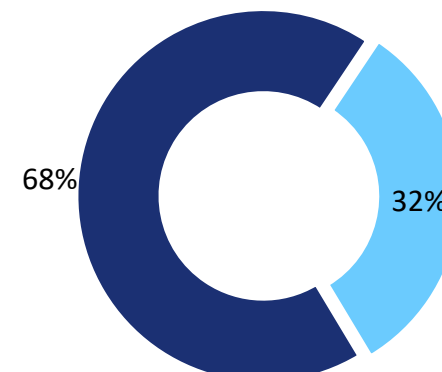
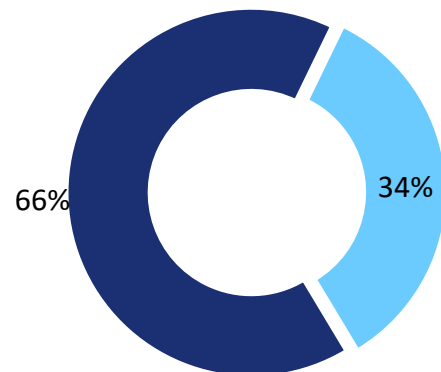


H1 FY23
Revenue Rs 8,405 mn



- Basic Chemicals
- Dyestuff
- Dye Intermediates
- Caustic Soda
- TCCA
- Others

Revenue Breakup



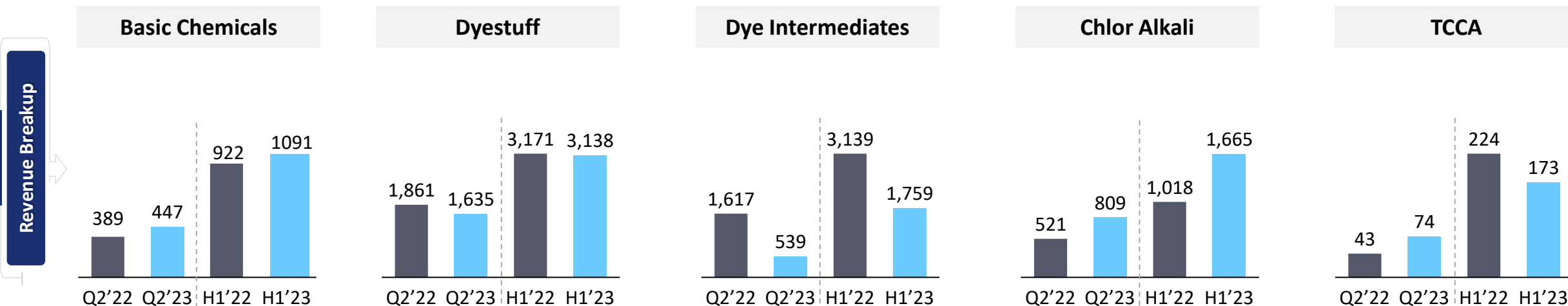
- Domestic
- Export

Geographic Breakup

* On Consolidated basis excluding other non operating income

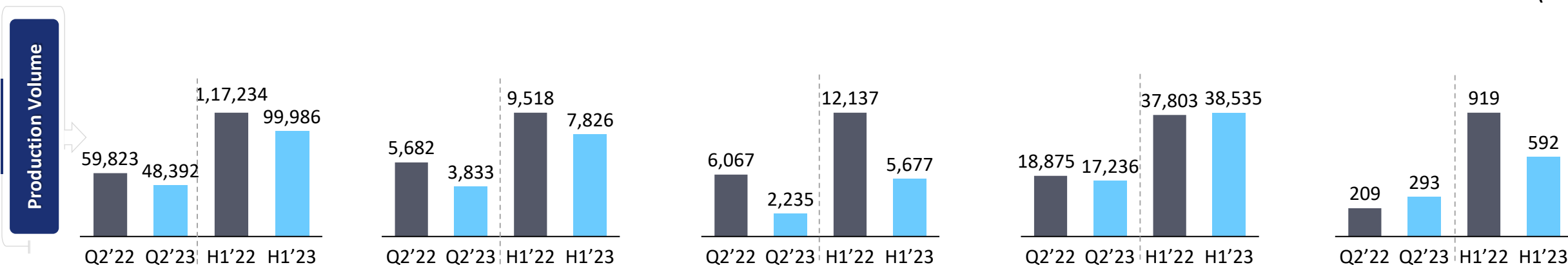
Performance Highlights

(Rs in mn)



*Revenue breakup on a Consolidated basis

(MT)



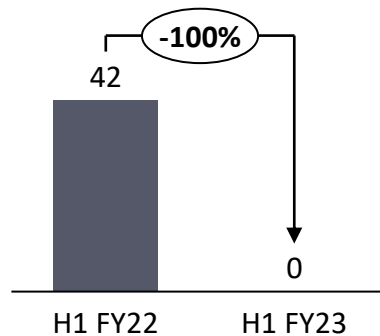
* Production Volume on a Standalone basis due to limited information on subsidiaries

Subsidiaries Performance

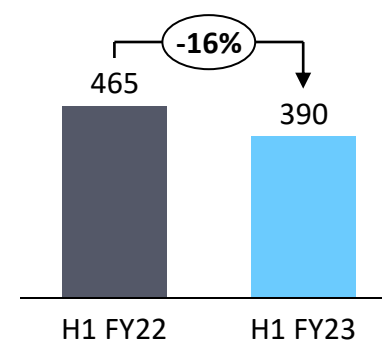
(Rs in mn)

Revenue

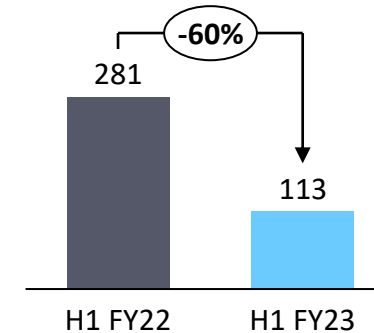
BCTPL



Sen-er Boya



BCL China



Particulars (Rs in mn)	BCTPL		Sener Boya		Bodal-China	
	H1 FY22	H1 FY23	H1 FY22	H1 FY23	H1 FY22	H1 FY23
Sales	41.9	0.0	465.2	390.5	280.9	113.4
PBT	0.1	-0.3	-48.6	61.1	32.2	0.4
PAT	0.1	-0.3	-49.2	54.6	31.0	0.4

* SPS unit has been amalgamated

Consolidated Profit & Loss Statement

Particulars (Rs. In Mn)	Q2 FY23	Q2 FY22	Y-o-Y%	H1 FY23	H1 FY22	Y-o-Y%
Revenue from Operation	3,957.3	4,697.1		8,546.8	8,915.2	
Other Income	17.2	17.5		55.0	81.2	
Total Income	3,974.5	4,714.6	-15.7%	8,601.9	8,996.4	-4.4%
Raw Material Consumed	2,408.0	2,674.4		5,006.6	4,930.9	
Employee Expenses	248.6	284.3		532.6	524.4	
Other Expenses	980.1	1,252.7		2,188.8	2,485.3	
EBITDA	337.8	503.2	-32.9%	873.9	1,055.9	-17.2%
EBITDA (%)	8.5%	10.7%		10.2%	11.7%	
Depreciation	121.9	116.3		245.2	231.0	
EBIT	215.9	386.8		628.7	824.9	
EBIT (%)	5.4%	8.2%		7.3%	9.2%	
Finance Cost	72.6	63.1		193.4	138.0	
Profit Before Tax	143.3	323.7		435.3	686.8	
Tax	40.6	101.4		107.3	189.2	
Profit After Tax	102.7	222.3	-53.8%	328.0	497.6	-34.1%
Profit After Tax (%)	2.6%	4.7%		3.8%	5.5%	
EPS (in Rs.)	0.78	1.81		2.62	4.05	

Standalone Profit & Loss Statement

Particulars (Rs. In Mn)	Q2 FY23	Q2 FY22	Y-o-Y%	H1 FY23	H1 FY22	Y-o-Y%
Revenue from Operation	3,991.2	4,509.3		8,470.6	8,669.8	
Other Income	9.8	9.4		21.0	56.0	
Total Income	4,001.0	4,518.7	-11.5%	8,491.6	8,725.9	-2.7%
Raw Material Consumed	2,459.4	2,512.5		5,025.3	4,757.7	
Employee Expenses	242.6	276.5		521.1	511.7	
Other Expenses	975.3	1,222.0		2,198.2	2,428.9	
EBITDA	323.8	507.7	-36.2%	746.9	1,027.6	-27.3%
EBITDA (%)	8.1%	11.2%		8.8%	11.8%	
Depreciation	118.1	113.7		239.1	225.6	
EBIT	205.7	394.0		507.8	801.9	
EBIT (%)	5.1%	8.7%		6.0%	9.2%	
Finance Cost	64.8	45.8		133.5	92.0	
Profit Before Tax	140.9	348.2		374.3	709.9	
Tax	38.4	93.7		98.8	189.1	
Profit After Tax	102.5	254.5	-59.6%	275.6	520.8	-47.1%
Profit After Tax (%)	2.6%	5.6%		3.2%	6.0%	
EPS (in Rs.)	0.79	2.03		2.20	4.15	

Consolidated Balance Sheet

Particulars (In Mn)	Sep-22	Mar-22
ASSETS		
Non-current assets	11,865.5	9,915.4
Property, Plant and Equipment	7,874.7	8,011.2
Right of use of assets	7.8	1.6
Capital Work-In-Progress	2,743.1	695.3
Goodwill	84.8	84.8
Other Intangible Assets	64.6	69.2
Financial Assets		
(i) Investments	2.4	2.7
(ii) Loans	28.7	17.2
(iii) Other financial assets	231.8	172.8
Deferred tax assets	7.5	90.8
Non-current Income tax assets (net)	155.0	152.2
Other non-current assets	665.2	617.6
Current assets	8,878.1	11,307.7
Inventories	3,042.5	4,446.3
Financial Assets		
(i) Trade receivables	3,377.6	4,898.3
(ii) Cash and cash equivalents	161.8	93.0
(iii) Bank Balances other than above (ii)	57.4	58.5
(iv) Customer Bill discounted	1,012.9	998.0
(v) Loans	29.7	47.8
(vi) Other financial assets	5.9	9.7
Other current assets	1,161.7	664.1
Assets held for sale	28.7	92.0
TOTAL - ASSETS	20,743.6	21,223.1

Particulars (In Mn)	Sep-22	Mar-22
Equity & Liabilities		
Equity	10,732.6	10,523.5
Equity Share capital	245.3	245.0
Other equity	10,487.3	10,278.5
LIABILITIES		
Non-current liabilities	4,074.6	2,655.3
Financial liabilities		
(i) Borrowings	3,614.8	2,137.4
(ii) Lease Liabilities	5.0	1.0
Provisions	4.8	2.4
Deferred tax liabilities (net)	450.0	514.5
Current liabilities	5,936.4	8,044.3
Financial liabilities		
(i) Borrowings	2,821.2	3,619.7
(ii) Trade payables	1,682.6	2,541.8
(iii) Other financial liabilities	255.6	537.1
(iv) Customers Bills discounted	1,012.9	998.0
(v) Lease Liabilities	3.1	0.8
Other current liabilities	113.0	271.5
Provisions	10.0	9.7
Current tax liabilities (net)	38.0	65.7
TOTAL - EQUITY AND LIABILITIES	20,743.6	21,223.1



Company Overview

A Leading Chemical Manufacturer



3

Decade Old Organization



10

Manufacturing Facilities



70+

Distributors Across India



10

7 Domestic + 3 Overseas Depots



200+

Products



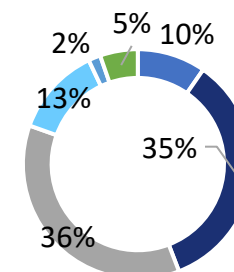
600+

Customers

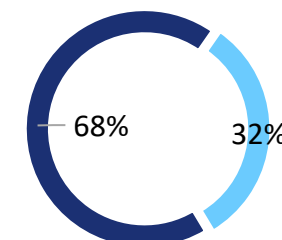


Rs. 20,680 mn

FY22 Consolidated Revenue



- Basic Chemicals
- Dyestuff
- Dye Intermediates
- Chlor Alkali
- TCCA
- Others

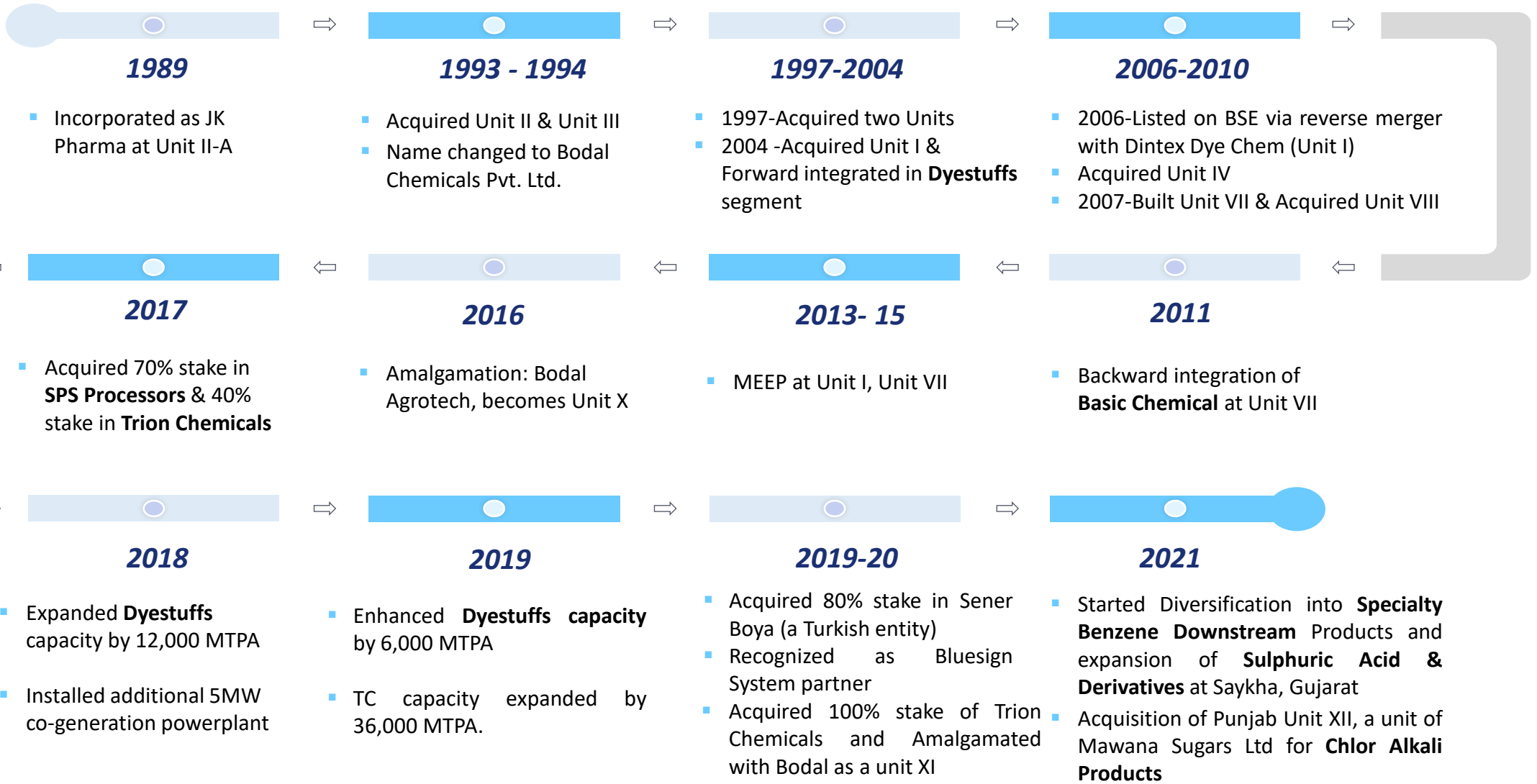


- Domestic
- Export



Integrated Dyestuff Chemical Player Having Global Presence Across Multiple Products

Company Evolution

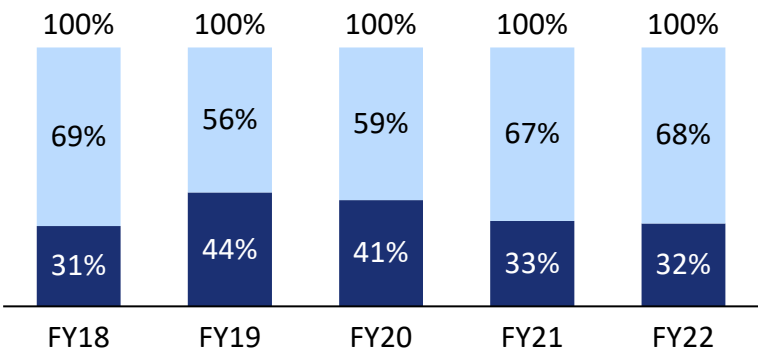
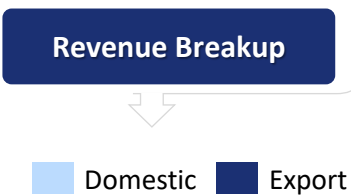


Geographical Footprint

~32% of Total revenue comes from exports



45+ Countries
Global Presence



Note : Maps not to scale. All data , information are provided “as is” without warranty any representation of accuracy , timeliness or completion
Export data are as per standalone

Longstanding Clientele

Basic Chemicals

LANXESS

DEEPAK
NITRITE

MOL
MEGHANI ORGANICS LIMITED

ADITYA BIRLA
GRASIM

GFL
GUJARAT FLUOROCHEMICALS
VALUE THROUGH GREEN CHEMISTRY

SRF

EVONIK
POWER TO CREATE

AksharChem

Dye Intermediates

OHYOUNG

McFills Enterprises Pvt. Ltd.

COLOR ROOT

ALPS

Chemistar
COLORS FOR RIGHT FIRST TIME CHOICE

ACETO

JAY

ORNET
Intermediates

Dyestuffs

DyStar

BASF
The Chemical Company

ARCHROMA
LIFE ENHANCED

stahl

REPICO
ROHRANLAGENBAU

RIFA

HUNTSMAN
Enriching lives through innovation

TFL

Everlight
Chemical

united
FARMACIA INDIA, INC.

KISCO
SENIOR LIVING



70+
Distributors Across India



600+
Customers

Experienced Board & Management Team

Mr. Suresh J. Patel Chairman & MD

Experience : 30+ years

Background :

- Founder & Visionary of the company
- Involved in day-to-day operations & Dye Intermediates marketing
- +3 decade of experience in the chemicals manufacturing & trading

Mr. Bhavin S. Patel Executive Director

Experience : 12 years

Background :

- He played an instrumental role in Dyestuffs business
- He heads the Dyestuffs division including production, marketing etc
- Increased business presence in global market significantly

Mr. Ankit S. Patel Executive Director

Experience : 15 years

Background :

- Economics Graduate from University of Nevada & MBA from Dervi University, USA
- He heads basic chemicals division and lead the sulphuric acid and Chlor Alkali plant expansion

Mr. Mayur Padhya Chief Financial Officer

Experience : 27 years

Background :

- Qualified Chartered Accountant & Cost Management Accountant
- He handles finance, corporate affairs and investor relationship

Mr. Rajarshi Gosh Director - HSE

Experience : 24 years

Background :

- Progressive experience in Cross functional management and senior leadership roles
- Well versed in EHSS Management, Principles of Risk Management

Mr. Sunil K. Mehta Independent Director

Experience : 30+ years

Background :

- M.COM, FCA & Law by qualification
- Experience professional in finance, accounting and taxation

Mr. Nalin Kumar Independent Director

Experience : 24+ years

Background :

- BTech, IIT-Kharagpur, MBA, IIM-Calcutta
- Previously associated with leading financial services firms like HSBC, JP Morgan etc

Mr. Mayank Mehta Independent Director

Experience : 40+ years

Background :

- Banking & Finance professional with over 4 decade of experience
- Previous associated as CFO of Union Bank of India and Executive Director at Bank of Baroda

Mrs. Neha Huddar Independent Director

Experience : 34+ years

Background :

- Qualified C.A & Finance professional with experience in funds management, audit, accounting, taxation etc.
- Previously associated with Thirumalai Chemicals as CFO & Reliance Foundation as Head Finance

Awards & Certifications

Awards

2005-06

- Received the prestigious **Chemexcil Gold Award** for outstanding performance in **Exports by Merchant Exporters Panel** of Chemexcil, Government of India

2009-10

- Award for direct export of **Dye Intermediates** and Dyestuffs from the **Gujarat Dyestuffs Manufacturers Association**.

2011-12

- CHEMEXCIL - "**Trishul Award**" - 2011-12 and 2013-14

2013-14

- Highest Self Manufacturing Turnover for Domestic and Export** of Dyes and Dye Intermediates from the **Gujarat Dyestuffs Manufacturers Association**

2015-16

- CHEMEXCIL - "**Gold Award**"

2016-17

- Highest Self Manufacturing Turnover** for Domestic and Export of Dyes and Dye Intermediates from the Gujarat Dyestuffs Manufacturers Association.
- First in **Large scale unit category** for **outstanding performance on Domestic**
- CHEMEXCIL - "**Award of Excellency**"

2017-18

- Second in **Large scale unit category** for Excellent performance in Export of Dyestuffs from the Dyestuffs Manufacturers' Association of India
- Listed amongst the Top 500 Indian Companies by the Dun & Bradstreet in 2018 for the second consecutive time

2018-19

- ET Enterprise Icons 2018 | Gujarat Best brand award 2018
- 25 Best Companies to Work For (Industry) 2019 by CEO Insights

Certifications

- BCL has ISO 9001:2015 and ISO 14001:2015 certifications for their production of Dye intermediates & Dyestuffs.
- Bluesign Certification – Recognized as Bluesign System partner – Bluesign approved Product Supplier
- GOTS (Global Organic Textile Standard) Certification
- ZDHC Certification
- ISO 45001 : 2018 Certification
- BEHIVE Certification
- ECOTAX Certification





Product Overview

Diversified Product Portfolio

Existing Products

Basic Chemicals

- Sulphuric Acid
- Chlorosulphonic Acid
- Sulphur Trioxide
- Oleum 23% & 65%
- Sodium Bisulphate
- Acetanilide
- Thionyl Chloride
- Beta Nephthol
- Para Nitro Aniline

~12
Products

Dye Intermediates

- Vinyl Sulphone & Derivatives
- H Acid
- DASA
- F.C. Acid
- Gamma Acid, K Acid
- Sulpho Tobias Acid
- 4.N.A.D.P.S.A
- 6-Nitro
- MPDSA
- Meta Ureido Aniline
- 1:2:4 DIA70

~25
Products

Dyestuffs

- Reactive Dyes
- Acid Dyes
- Direct Dyes
- Liquid Dyes

~175
Products

Chlor Alkali

- Caustic soda
- Chlorine
- Hydrogen
- Hydrochloric Acid (HCL)
- Sodium Hypochlorite (HYPO)
- Stable Bleaching Powder (SBP)

6
Products

New Products Additions

Sulphuric Acid*

- Sulphuric Acid
- Oleum (23%-65%)
- Liquid SO3
- Chloro Sulphonic Acid

Benzene Derivative

- MCB
- PNCB
- ONCB
- MNCB
- DNCB

End User
Industries



Textiles



Leather



Paper



Water Treatments



Home Care



Pharma



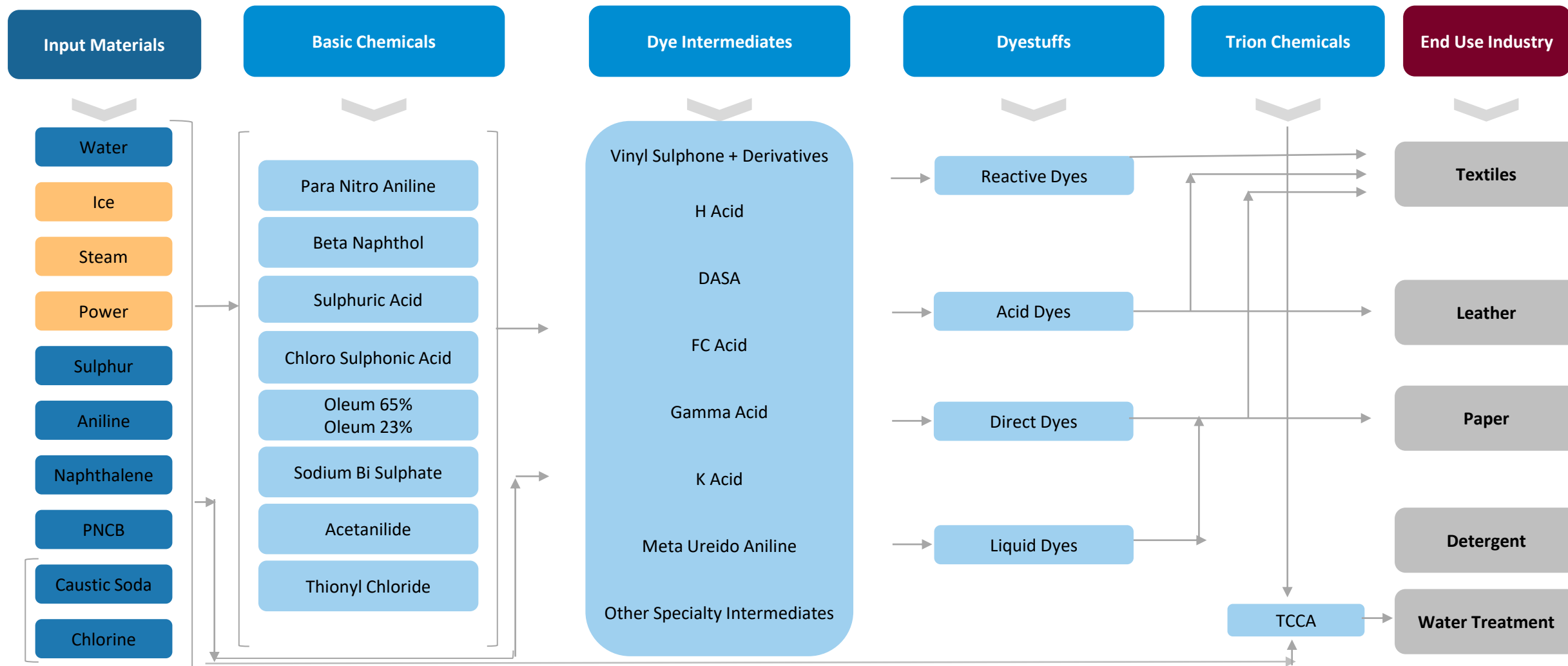
Agro-Chemical



Home Care

Moving From Integrated Dyestuffs Player to Niche Value-added Products

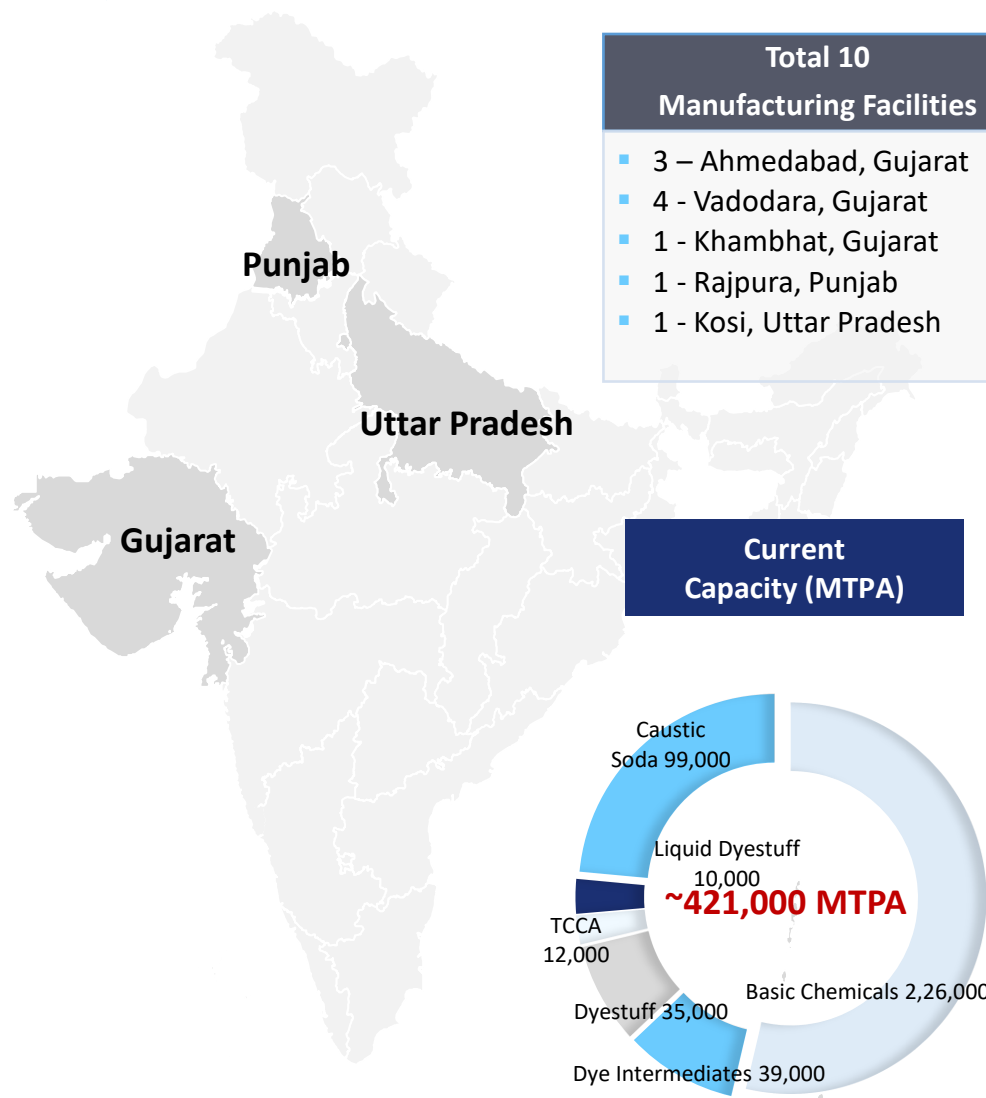
Manufacturing Value Chain



■ Input Materials – part/full in-house
■ Input Materials – external
■ Bodal Chemicals Products
■ End use industries

~ **48%** of the Basic Chemicals to be captively consumed by Dye Intermediates and
 ~ **43%** of Dye Intermediates output to be consumed by Dyestuffs, giving us a cost-competitive advantage

Manufacturing Facilities



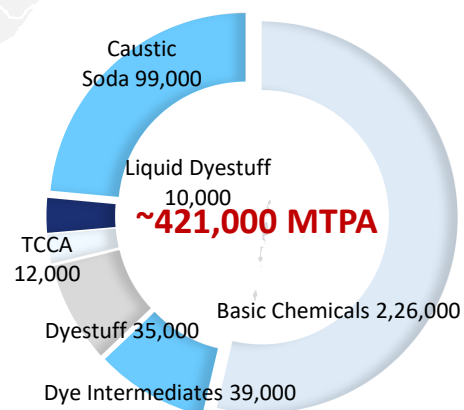
Total 10 Manufacturing Facilities
3 – Ahmedabad, Gujarat 4 - Vadodara, Gujarat 1 - Khambhat, Gujarat 1 - Rajpura, Punjab 1 - Kosi, Uttar Pradesh

In-house R&D Lab
1 - Ahmedabad, Gujarat 2 - Vadodara, Gujarat

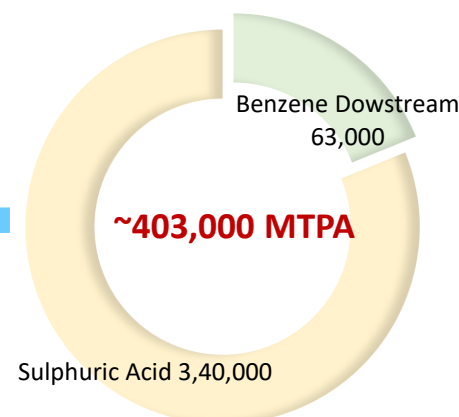
Total Employees
- Domestic 1,650+ - Contract Labours ~1,500 - Overseas 30+

10 Depots (Exclusive Distribution Warehouse)
7 - India 1 - China 1 - Turkey 1 - Bangladesh

Current Capacity (MTPA)



Upcoming Capacity (MTPA)



- Strategically located at western belt of India which is largest chemical manufacturing zone
- Proximity to nearby seaport at Mundra, Pipavav, Hazira and Nhava Sheva



Our Subsidiaries

Company Name	Location	Stake	FY22 Revenue	Details
S P S Processors Private Limited (SPS)	Uttar Pradesh, India	70%*	Rs 1,590 mn	H-Acid - 3,000 MTPA Vinyl Sulphone - 6,000 MTPA Vinyl Sulphone's capacity expansion to 6,000 MTPA has been commercialized.
Bodal Chemicals Trading Private Limited	Gujarat, India	100%	Rs 67 mn	Trading and Marketing subsidiary
Bodal Chemicals Trading Shijiazhuang Limited	China	100%	Rs 356 mn	Trading & Marketing subsidiary for China and adjacent countries
Sen-er Boya Kimya Tekstil Sanayi Ve Ticaret	Turkey	100%	Rs 851 mn	Standardizing, trading, and marketing subsidiary for Turkey

* SPS unit has been amalgamated

Key Growth Drivers

Dyestuff Expansion

Dyestuffs capacity of **35,000 MTPA** will be ramped-up gradually



Revenue

TCCA Division

Acquired **100% stake** in Trion Chemicals and amalgamated with Bodal. Production has been stabilized & became profitable



Profitability

Vinyl Sulphone at SPS

Vinyl Sulphone plant of **6,000 MTPA** capacity at SPS has been commercialized



Revenue

Turkish entity Sener Boya

Acquired **~ 100% stake** to strengthen the global presence



Presence in Turkey & nearby markets

Marketing Initiative

Opened **multiple warehouses & incorporated marketing subsidiaries** to strengthen relationship with marquee clients directly



Direct Client Relationship

Bodal China

Trading & Marketing subsidiary will increase our presence in **China**



Revenue

Rajpura, Punjab Unit

Newly acquired **Chlor Alkali** products have started contributing to our business and will increase gradually



Revenue

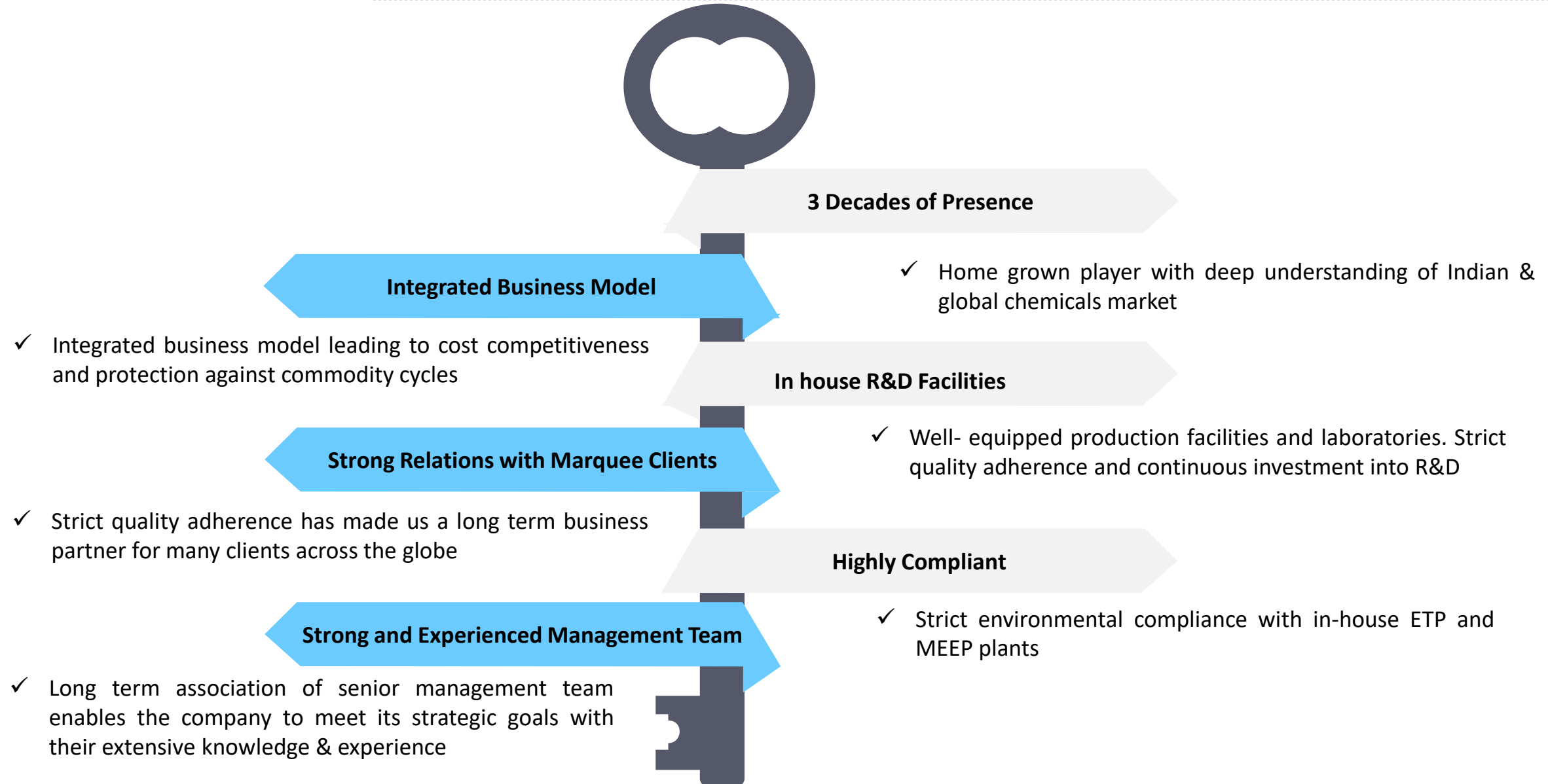
Saykha Project

Greenfield Saykha Project will lead to new level of growth with Sulphuric Acid and Benzene Downstream products



Revenue

Our Key Strengths



India's Edge in the Global Chemicals Market

Industry Megatrends

Structural Shift

Unorganized players in the Dye Intermediates and Dyestuffs Industry have been declining

Compliance

Companies that are compliant with global environment laws will sustain

Rising Exports

India has increased their chemical exports over the last few years

Atamanirbhar Bharat Abhiyan

The govt. initiative to reduce dependency on import of chemicals

Integrated player

Companies that have backward integration will have higher competitive edge

China +1

India is emerging as the next alternative supplier for the global market

Policy Changes in China

Stringent measures & environment norms have eliminated small companies in china

Textile Industry

Textiles constitutes ~80% of the total Dyestuffs demand and is expected to recover gradually

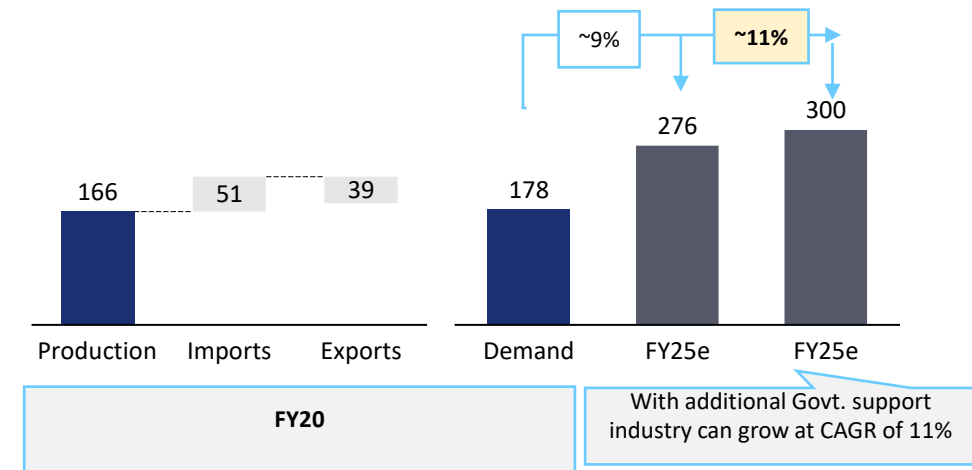
Dyestuff Production

Gujarat is a leader with over 75% market share in Dyestuff Industry

Availability of Raw Material

All key raw materials are available in India

Indian Chemical Industry (USD bn)



Source: Indiamchem.in

Bodal's Edge

Highly Compliant & Large Integrated Dyestuffs Player

Dyestuff Market Share		Dye-Intermediates Market Share	
Domestic	Global	Domestic	Global
~13%	~3%	~20%	~6%

*Above market share figures are based on management estimates



Next Level of Growth

Capex To Drive Next Level Of Growth

Greenfield Saykha Project

Project Location	Saykha, Gujarat
Products	Benzene Downstream ~63,000 MTPA + Sulphuric Acid ~3,40,000 MTPA
Project Cost	~Rs 2,200 mn Benzene + ~ Rs 1,250 mn Sulphuric Acid + ~Rs 650 mn onetime additional cost = Rs 4,000 mn
Expected Revenue	~Rs 5,500 mn with EBIDTA Margin of 15% - 18%
Expected Commercialisation	Trial run expected in Q2FY24 for Benzene Derivatives & Q4FY24 for Sulphuric Acid
End User Industry	Pharmaceuticals, Agrochemicals, Dyes Industry and Rubber Industry
Key Rationale	- Enhance 'Specialty Chemicals Segment' - Import substitution - Integration for cost efficiency, better productivity and high margins - Portfolio diversification

Key Synergies

- Strategic Location
- Diversified Product Portfolio
- Integration for Captive Consumption
- Margin Expansion
- De-risk & Diversified Client Base
- Cost Efficiency
- Long term Sustainable Growth

Moving Up The Value Chain With New Chemistries

Sulphur Chain

Sulphur

Sulphuric Acid

Oleum 23% - 65%

Liquid SO₃

Chloro Sulphonic Acid

- Sulphuric Acid Captive Consumption <10%
- PNCB
- ONCB
- Apart from captive consumption, additional steam will be utilized for Benzene unit

Benzene Chain

Benzene

MCB

PNCB

ONCB

MNCB

DNCB

- Captive Consumption:
- MCB :100%
- PNCB: ~45%

Chlor Alkali Chain

Salt & Water Solution

Electrolysis (Power)

Chlorine

Caustic Soda

Hydrogen

- Punjab unit has strong internal consumption of chlorine
- ~ 30% of Chlorine will be captively used for HCL, SBP and HYPO
- ~ 45% will sold through pipeline to adjacent units
- ~25% will be sold in cylinder to other near by units

Backward Integration

- Cost savings
- De-risking material sourcing
- Reducing risk of handling hazardous

Sulphuric Acid, MCB

Horizontal Integration

- Product, industry & customer diversification
- Value-addition – moving up the Value chain

Oleums 23% -65%, PNCB, ONCB, MNCB, DNCB

New Products

Capex To Be Completed in FY24

Revenue Visibility			
Chemical Segments	FY22	FY23	FY24
Basic Chemicals	10%	✓	✓
Dye Intermediates	36%	✓	✓
Dyestuffs	35%	✓	✓
Trichloroisocyanuric Acid (TCCA)	2%	✓	✓
Caustic Soda	13%	✓	✓
Sulphuric Acid & Derivatives (New additional capacity)	-	-	✓*
Benzene Downstream	-	-	✓*
Others	5%	✓	✓

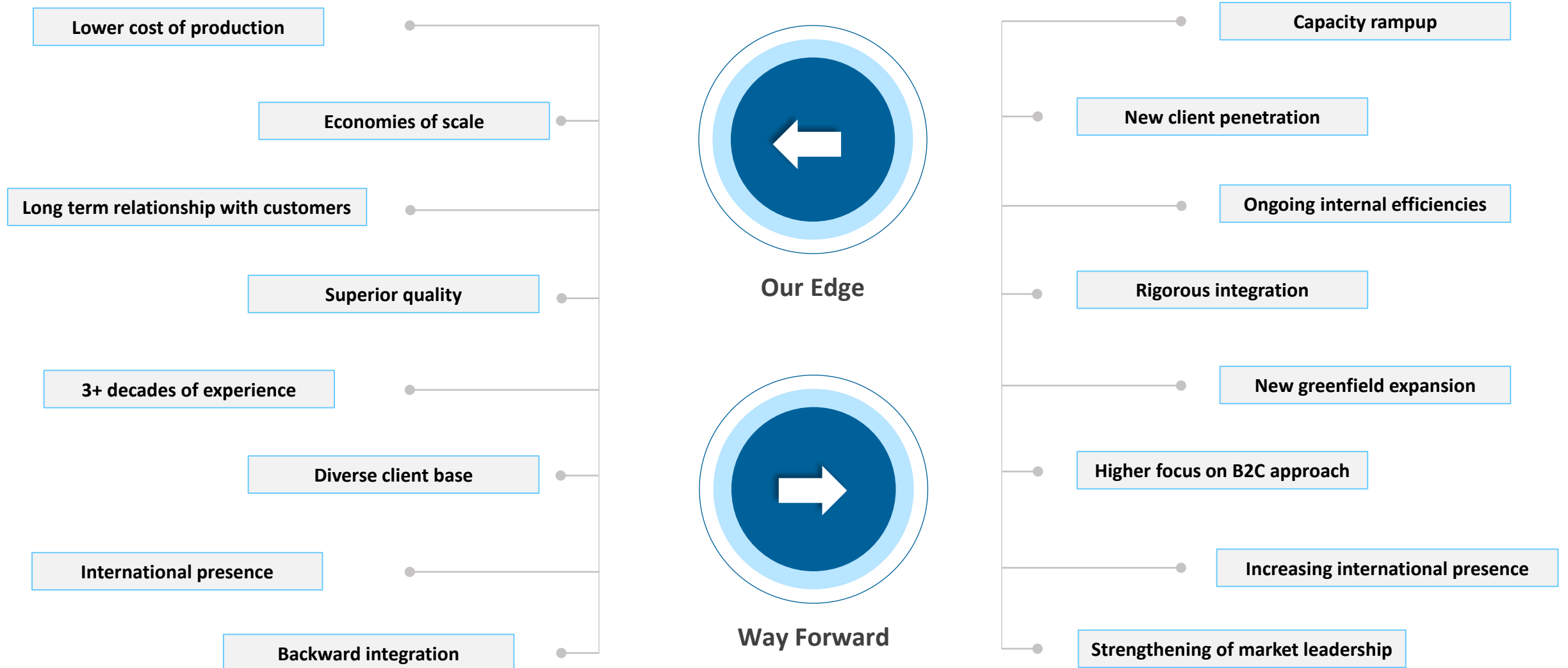
*Benzene Downstream Project is expected be commercialise in Q2FY24 and Sulphuric Acid Project by Q4FY24
On Consolidated basis

Organic Growth

Inorganic Growth

Internal Efficiencies

Way Forward



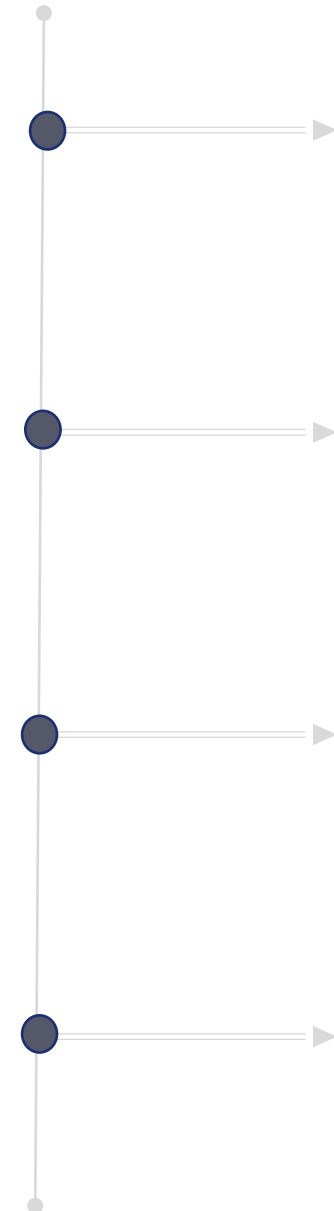


Responsible Corporate

Environmentally Compliant

Plant	Location	Zero Discharge Site (Solid+ Liquid+Air)	Effluent Treatment Plant	Common Effluent Treatment Plant, (at GIDC)	Multiple Effect Evaporator (MEEP)	Effluent Spray Dryer Plant (ESDP)	Solid Waste Incinerator Plant	Treated Effluent Discharge Access VECL Cala Lit./Day
Unit I	Ahmedabad	-	✓	✓	✓	✓	✓	-
Unit II	Ahmedabad	-	✓	✓	-	-	-	-
Unit III	Ahmedabad	-	✓	✓	-	-	-	-
Unit IV	Ahmedabad	-	✓	✓	-	-	-	-
Unit VII	Vadodara	-	✓	-	✓	✓	✓	949,000
Unit VIII	Vadodara	-	✓	-	✓	✓	✓	23,800
Unit IX	Vadodara	✓	✓	-	-	-	-	-
Unit X	Vadodara	✓	✓	-	-	-	-	-
SPS Processors*	Kosi	✓	✓	-	-	-	-	-
Unit XI	Khambhat	✓	✓	-	-	-	-	-
Unit XII	Rajpura	✓	✓	-	✓	-	-	-

* SPS Processors has amalgamated with Company and now named as Unit VI



Effluent Treatment Plant (ETP)

- Treats low load waste water
- Compliant with GPCB, CPCB norms
- Capacity 500,000 liters / day
- Chemical oxidation
- Flocculation
- Clarification
- Bio- degradation by AIS
- Tertiary Poly system
- Online monitoring system

Brine Treatment Plant

- Installed world's first Brine Treatment Plant at Unit-VII
- Its is based on Modern Water's all-membrane brine concentration process (AMBC)
- It treats the effluent from Dyes and Zero Liquid Discharge (ZLD) is achieved at the end of treatment cycle

Multiple Effect Evaporator Plant (MEEP)

- Treats high load waste water
- Recovers salts- captive use/ sold
- Capacity 500,000 liters/day
- Investment of Rs 350mn
- Benefits:
 - Needs low steam, power
 - Re-use of condensed water
 - Integrated Zero Discharge System

Effluent Spray Dryer Plant (ESDP)

- Treats high load waste water beyond MEPP
- Minimizes treatment cost
- Spray Dryers: 3 * 100,000 liters/ day
- Incinerators: 3* 125,000 liters/ day

Responding To Critical Issue

Key Challenges

- High costs involved in complying with environmental regulations. Moreover, the rising industrial water and power rates are a concern.
- Scarcity of water can lead to insufficient supply affecting our production needs.
- The Chemical Industry is energy and CO2 intensive. It represents more than 30% of global Greenhouse Gas (GHG) emissions. If not controlled, it can have a profound effect on climate change

Our Response

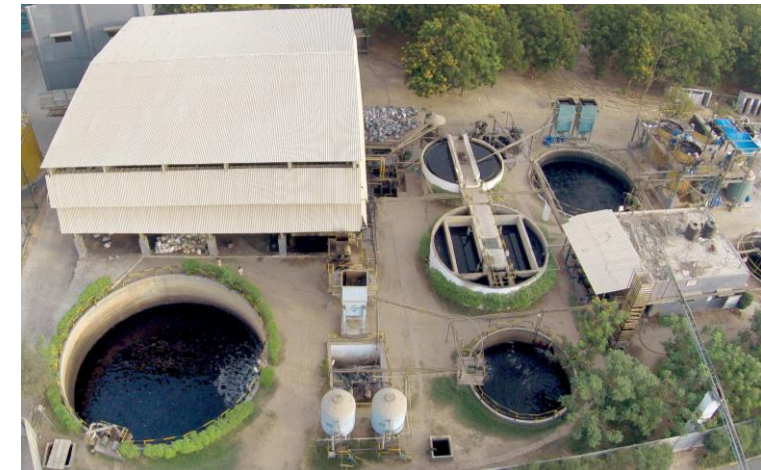
- Abides by the mantra of 'reduce, recover and reuse' of natural resources
- Taken appropriate pollution control systems including implementation of Effluent Treatment Plants (ETPs), Multiple Effect Evaporator Plant (MEEP), Brine Treatment Plant and Effluent Spray Dryer Plant (ESDP).
- The Company possesses 5 MW lignite-based & 1.73 MW steam (waste recovery heat) based captive power plant at Unit 7

Outcome

- Reusable clean water
- Zero liquid discharge
- Salt extracted through MEEP process is captively used or sold
- Cost optimization through proper management of the energy consumption
- Creating a better future for all stakeholders



Multiple Effect Evaporator Plant (MEEP)



Effluent Treatment Plant (ETP)

Key Focus Areas

- Eradicating hunger, poverty and malnutrition
- Promoting healthcare and sanitation including contribution to the Swach Bharat Kosh
- Promoting education and enhancement of rural infrastructure
- Ensuring environmental sustainability
- Providing funds for construction for drinking water pipelines Conducting regular health check-up camps
- Promotes Sports, with Contribution to :
 - Sports Council of the Deaf Basketball Club
 - Promoting individual talent to represent the country in sporting events
- To support various Trusts and NGO's like YUVA Unstoppable

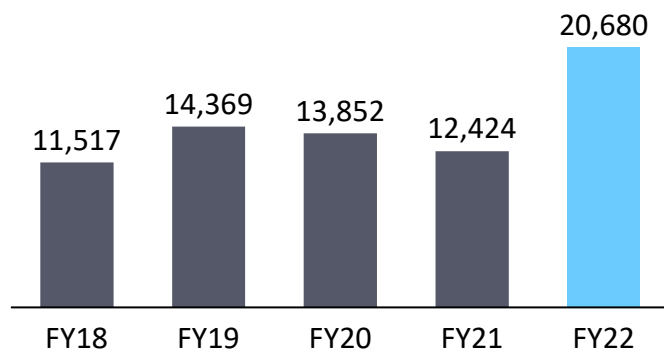




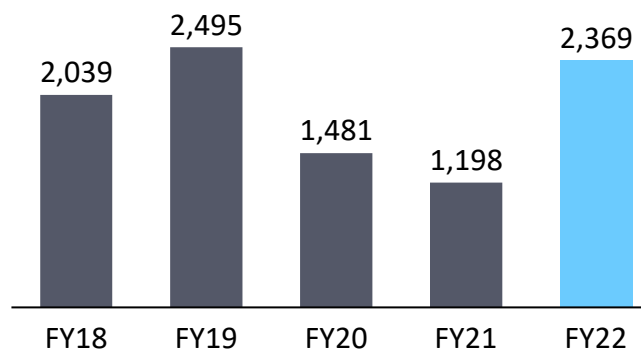
Financial Highlights

Financial Highlights

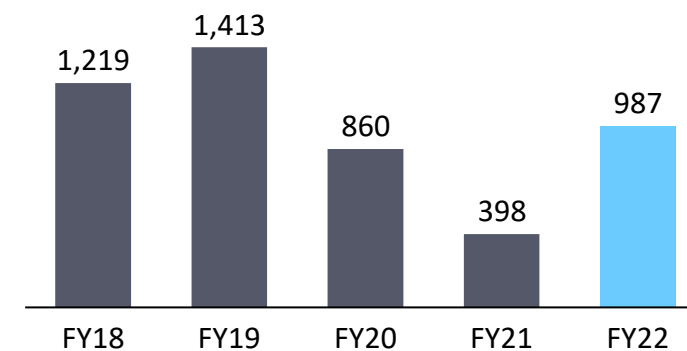
Revenue (Rs. In Mn)



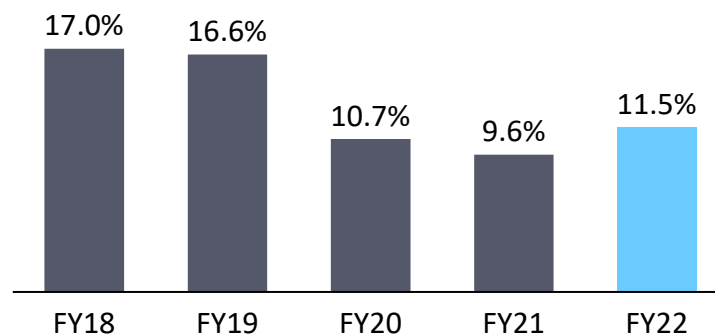
EBITDA (Rs. In Mn)



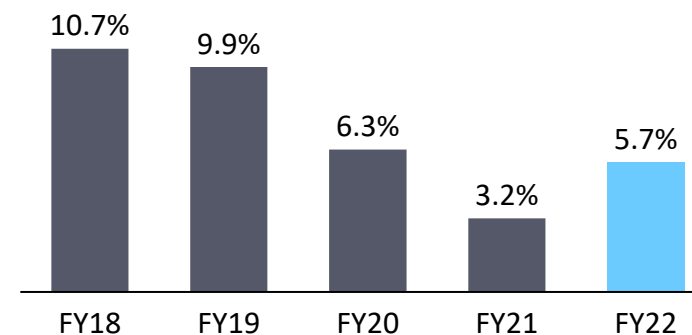
PAT (Rs. In Mn)



EBITDA Margin (%)

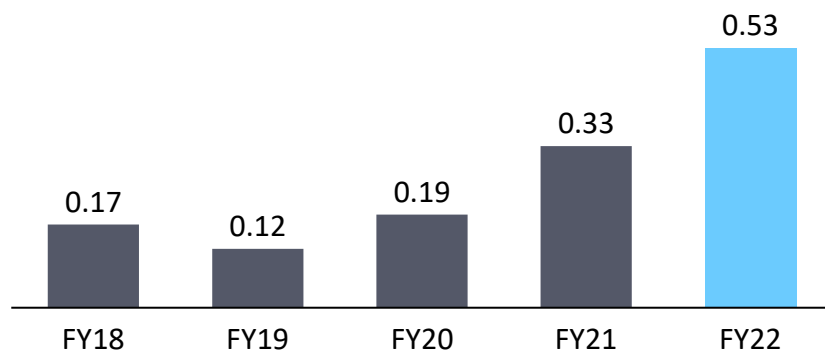


PAT Margin (%)

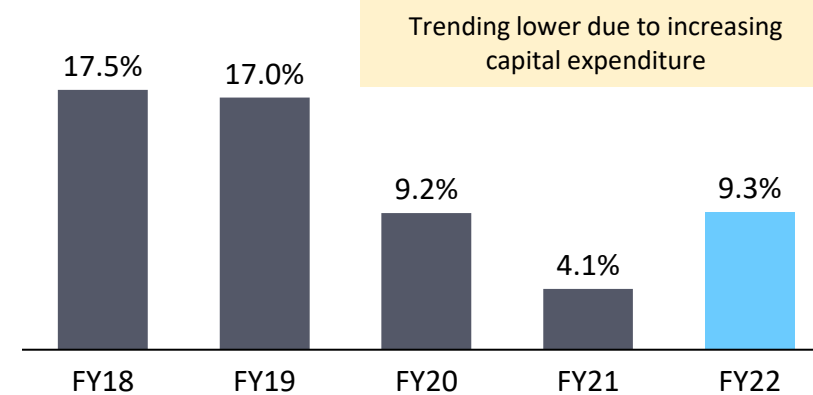


Key Ratios

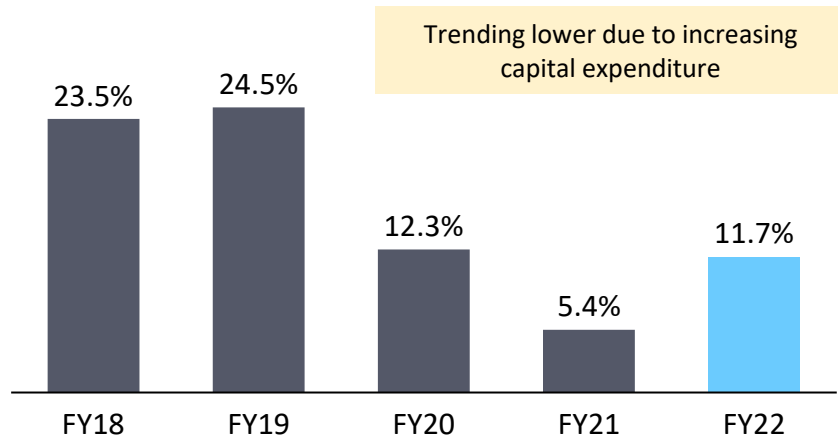
Net Debt/ Equity (x)



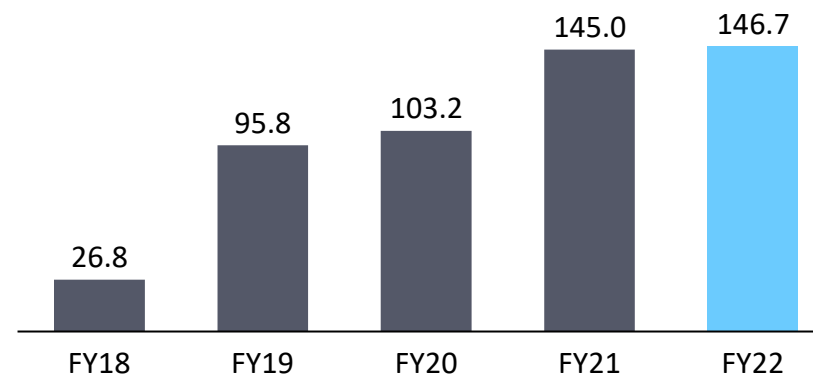
Return on Equity(%)



Return on Capital Employed (%)



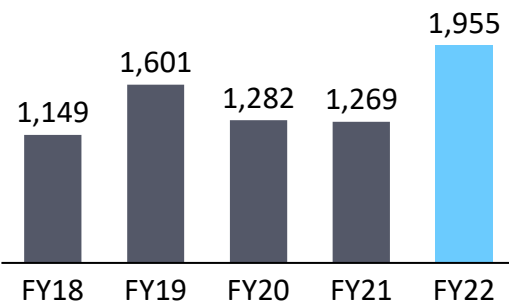
Net Working Capital Days



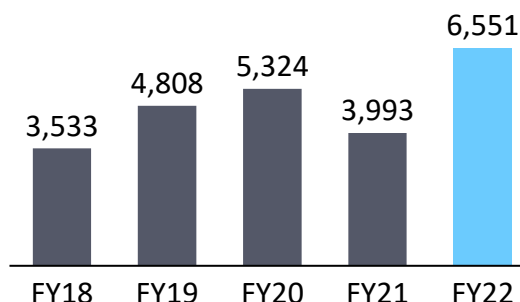
Segmental Performance

Basic Chemical

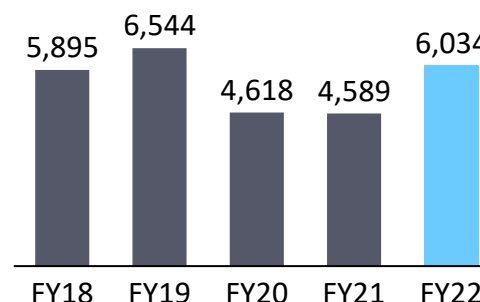
Revenue Breakup



Dyestuffs

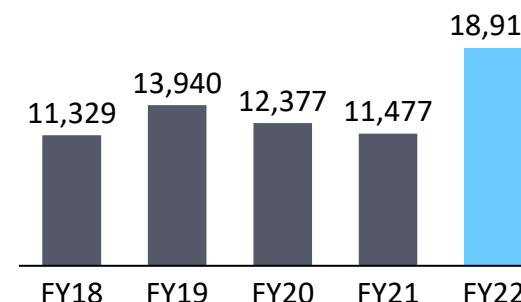


Dye Intermediates



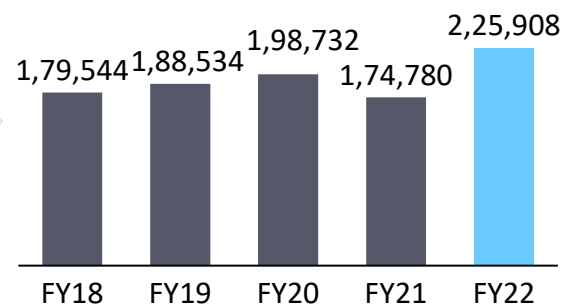
Total Revenue

(Rs in mn)

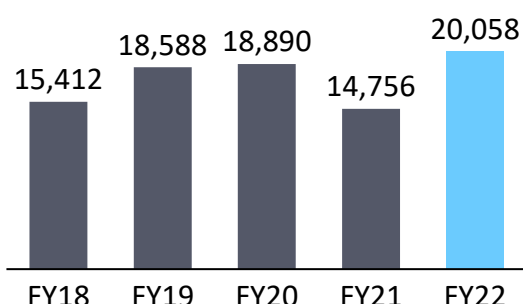


Basic Chemical (MT)

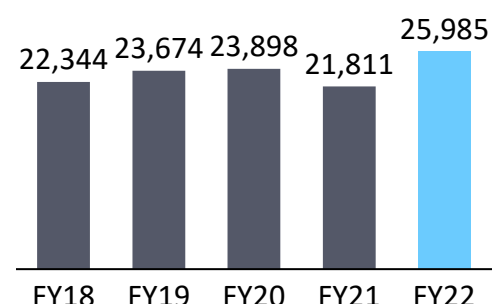
Volume Breakup



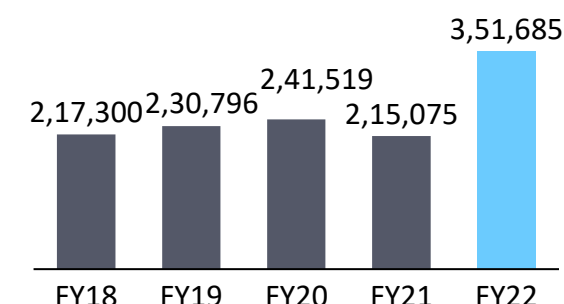
Dyestuffs (MT)



Dye Intermediates (MT)



Total Production(MT)



Thank You



Contact Information

Company:



Bodal Chemicals Ltd.
CIN – : L24110GJ1986PLC009003
Mr. Mayur Padhya
Chief Financial Officer
Email – mayur@bodal.com
www.bodal.com

Investor Relation Advisors:

SGA Strategic Growth Advisors

Strategic Growth Advisors Pvt. Ltd.
CIN - U74140MH2010PTC204285
Mr. Shrikant Sangani / Ms. Pankti Majithia
Email - shrikant.sangani@sgapl.net / pankti.majithia@sgapl.net
+91 9619595686 / +91 9619611096
www.sgapl.net