

# STEEL AUTHORITY OF INDIA LIMITED



## RESULTS PRESENTATION FOR Q4 & FY'24



# SNAPSHOT FY'24



## Mining

Iron Ore: 34.339 MT

Limestone: 1.533 MT

Dolomite: 0.485 MT

## Production

Hot Metal: 20.496 MT

Crude Steel: 19.240 MT

Saleable Steel: 18.437 MT

## Sales & Marketing

Pan-India network of more than 5100 distributors and dealers

Domestic Sales: 16.698 MT

Exports: 0.326 MT

## Financials

Turnover: Rs. 104545 crore

Revenue From Operations: Rs. 105375 crore

Net Worth: Rs. 54131 crore

## Profitability

EBITDA: Rs. 12280 crore

PBT: Rs. 3688 crore

PAT: Rs. 2733 crore

## Ratios

EPS: 6.62

EBITDA Margin: 11.75

Debt Equity (Ind AS): 0.67

## Funds

Debt (Ind AS): Rs. 36315 crore

DSCR: 2.08

Interest Coverage Ratio: 2.59

# STEEL AUTHORITY OF INDIA LIMITED



## Sustainable Operations



## Waste Management

Application of 4Rs (Reduce, Reuse, Recycle, Recover)



R&D Project for development of steel slag based cost effective eco-friendly fertilizers for sustainable agriculture and inclusive growth through ICAR-Indian Agricultural Research Institute.

Solid Liquid Resource Management (SLRM) Centre set up at BSP with a daily capacity of 50T for segregation of wastes, converting green waste into manure and turning plastic waste into useful by-products.

## Eco-Restoration Projects



Restored 250 acres of old barren overburden dumps and water void in 200 acres of limestone mined out area in Purnapani for generation of ecosystem services and goods as well as sequester CO<sub>2</sub>.

MOU with Institute of Forest Productivity, Ranchi for eco-restoration of mined out area and waste dumps for Kiriburu and Megahahatuburu Iron Ore Mines.



Bio-diversity park named '**Vasundhara**' created at Durgapur on 400 acres of land with development of flora and fauna of local species and water body.

## Water Conservation



Committed to achievement of long term goal of “Zero Liquid Discharge”.

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Actions being taken for treatment and recycling of effluent being discharged through the outfalls at the Plant boundary.

## Energy Conservation



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Set up 3.5 MW Solar Power Plants/Units at different locations. Another 6.195 MW roof top Solar Units under implementation at various Plants/Units locations.

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10 MW Hydel Power Plant under implementation at Mandira Dam, RSP, under a Joint Venture initiative with Green Energy Development Corporation of Odisha Limited (GEDCOL)

## Others



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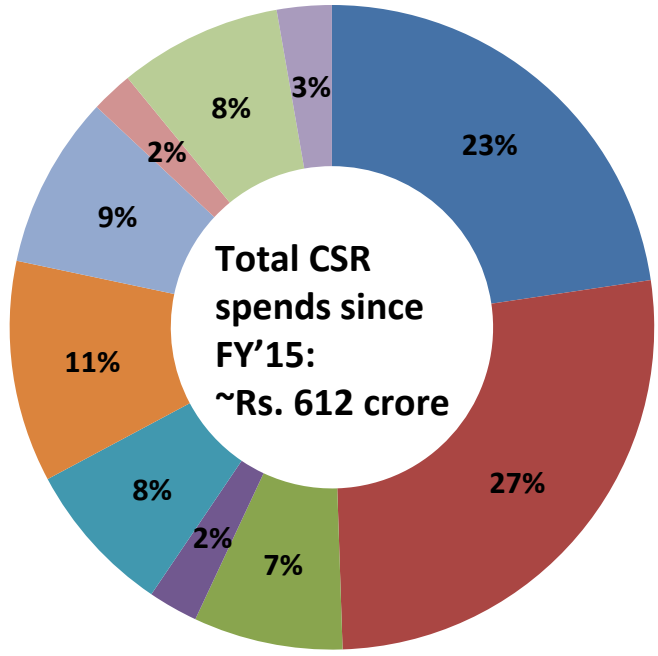
About 21.5 million saplings have been planted.

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BSP has taken up project for disposal of Poly Chlorinated Bi-Phenyls (PCBs) in an environment friendly manner in partnership with the MoEF&CC and UNIDO.

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## Key Activities



- Education
- Health care
- Livelihood Generation
- Women Empowerment
- Drinking Water & Sanitation
- Sports, Art & Culture
- Rural Development
- Social Security
- Environment Sustainability
- Others

Basic and specialised healthcare to more than a million lives annually.



Drinking Water facility to more than 50 lakh people.



More than 80 lakh people connected to mainstream by construction of roads



Quality education to almost 50000 students across more than 96 schools.



Special Schools providing support to needy students.

Mid-day meals to more than 60000 students through Akshay Patra Foundation.

Providing equipment like tricycle, motorized vehicles, callipers, hearing aids, artificial limbs, etc. to Divyangs



Running Eklavya Archery Academy and other sports academies for Hockey, Football, Athletics, etc. Athletes from SAIL academies have won medals at National and International Level.

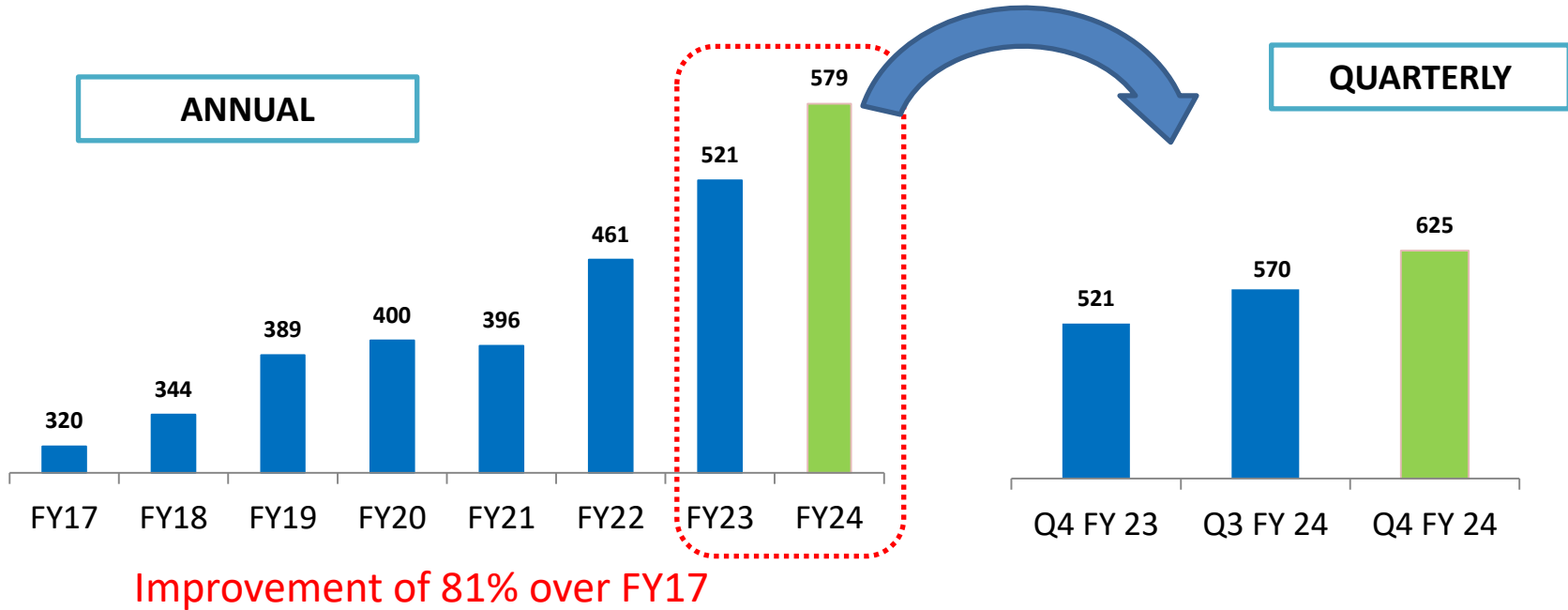


Integrated Development Centre (IDC) at Digha Village in Saranda Forest with facilities like Bank, Telecom Office, Panchayat Office, Ration Shop, etc.



Development of 79 'Model Steel Villages'.

## LABOUR PRODUCTIVITY (tcs/man/year)



## MANPOWER

Particulars	01.04.2023	01.01.2024	01.04.2024
Manpower on date	59186	56873	55989
Reduction during the quarter			884
Reduction during the year			3197

# STEEL AUTHORITY OF INDIA LIMITED

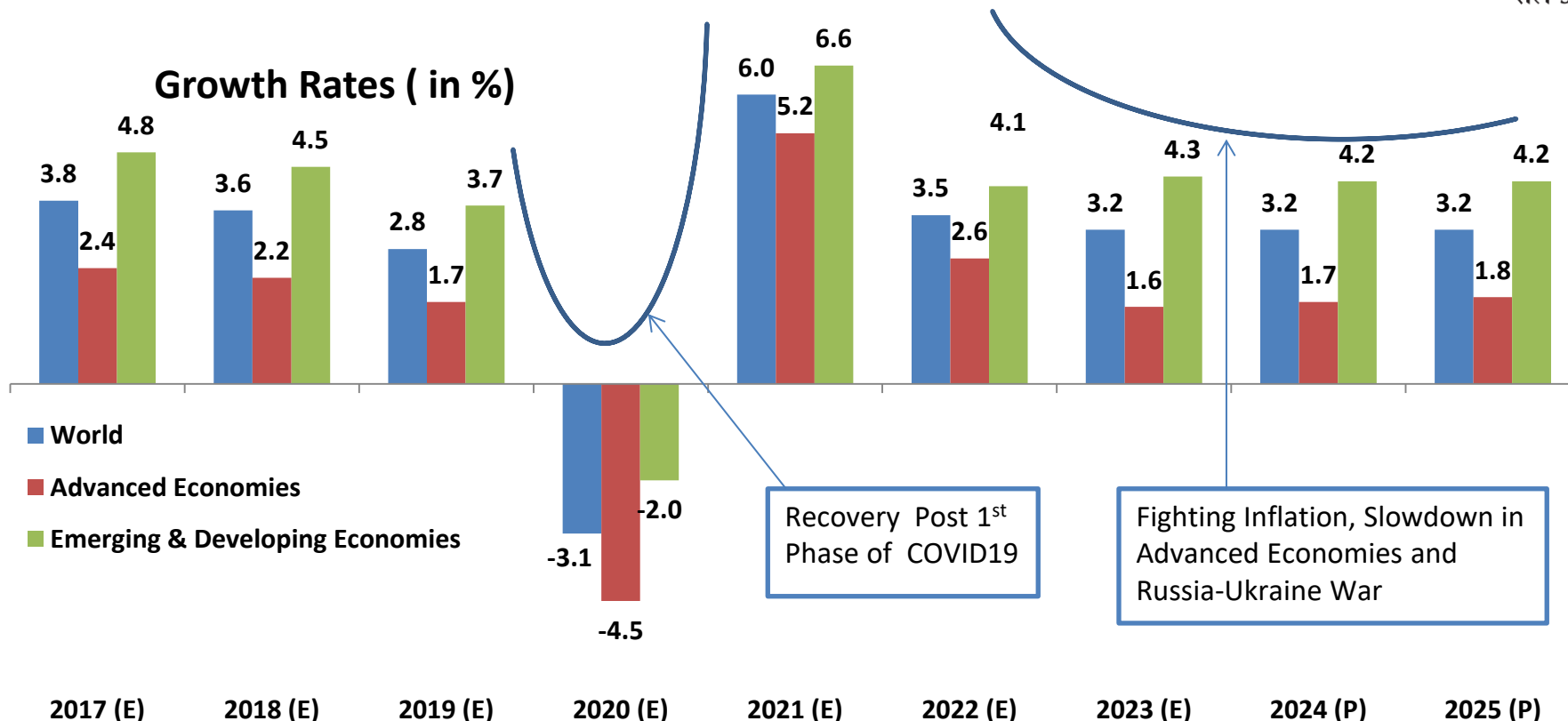


## Global Economic & Steel Scenario





# WORLD ECONOMIC SCENARIO



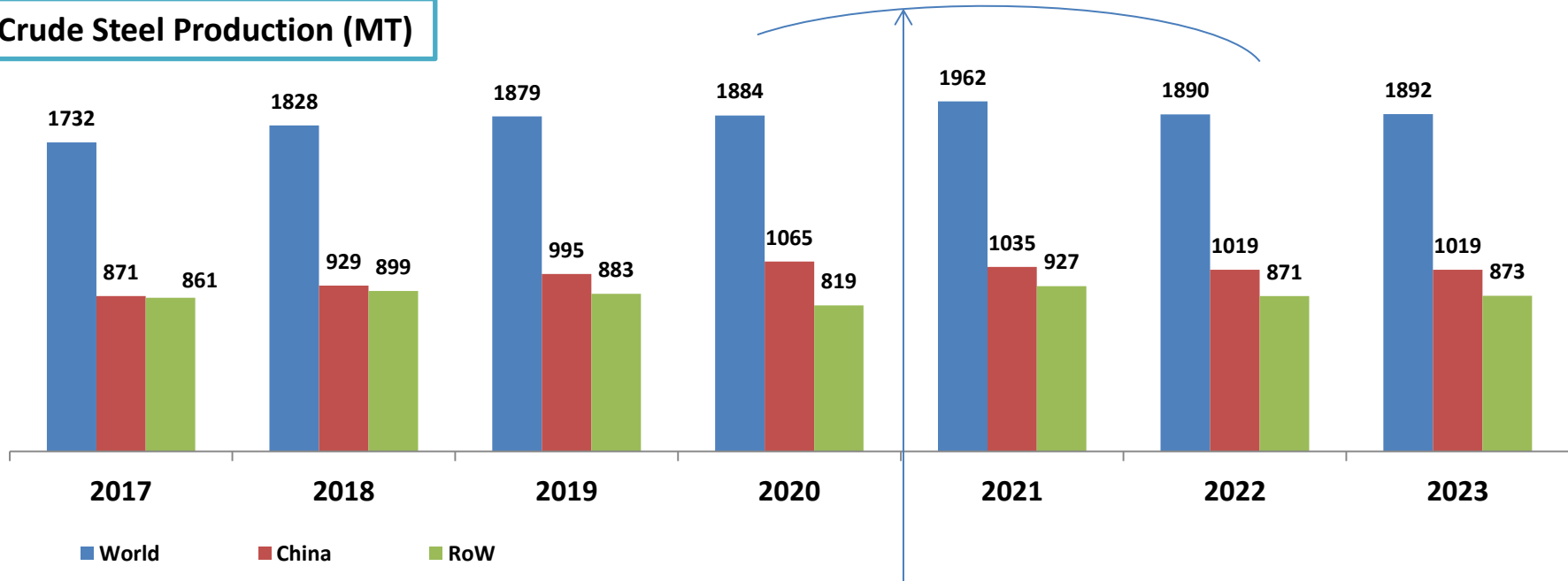
**IMF in its World Economic Outlook released in Apr'24, has revised the growth estimates for 2023 at 3.2%, marginally higher than the estimates given in Jan'24. The projections for 2024 have also been revised upwards by 0.1% to 3.2% on account of unexpected resilience, growth in employment and incomes, greater than expected government spending and expected decline in the inflation across economies. The projections for 2025 have been retained at 3.2% The projections for 5 years growth, however, stand at 3.1% which is the lowest in decades. However, the outlook is now more stable with "soft landing" scenario. Headline inflation is projected to decelerate to 5.9% in 2024 and 4.5% in 2024. Meanwhile, the developing economies are expected to fare much better than their advanced counterparts.**

E= Estimates P= Projections

SOURCE: IMF

# WORLD STEEL SCENARIO

## Crude Steel Production (MT)

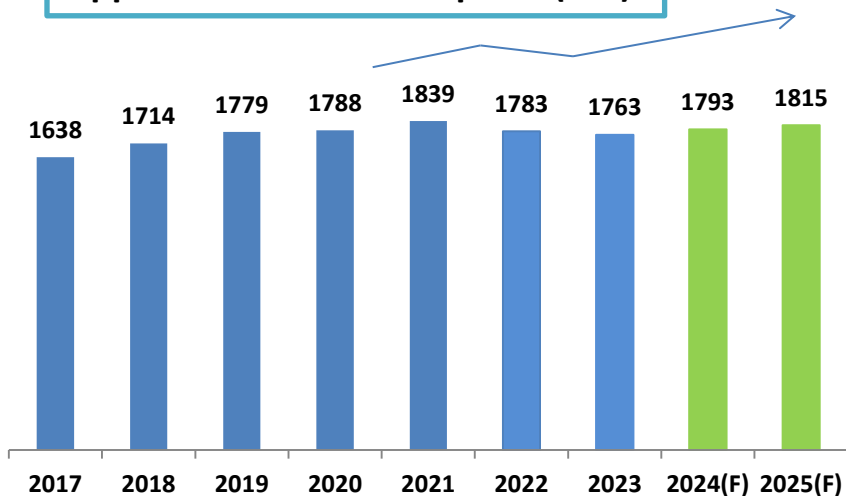


Steel continued its march in the post-covid era with revival of economic activities and infra-spending globally. However, CY 2022 registered decline over respective previous years due to factors like inflation, tightening monetary policies, slowdown in advanced economies, Russia-Ukraine War, etc. CY2023 has seen marginal improvement over CY2022.

- *Global production has increased marginally (0.1%) during CY23 over CPLY.*
- *China continues to dominate the world crude steel production contributing almost 54% of overall global production. The production in China has, however, been at similar level as CY 22.*
- *Among the major producers, India (12.2%), Russia (6%), Iran (1.5%), South Korea (1.3%) and US (1.1%) have registered positive growth in production during CY23 over CPLY.*
- *On the other hand, countries like Brazil (-6.5%), Turkey (-4%), Germany (-3.9%) and Japan (-2.5%) have registered decline in production during CY23 over CPLY.*

# WORLD STEEL SCENARIO

## Apparent Steel Consumption (MT)



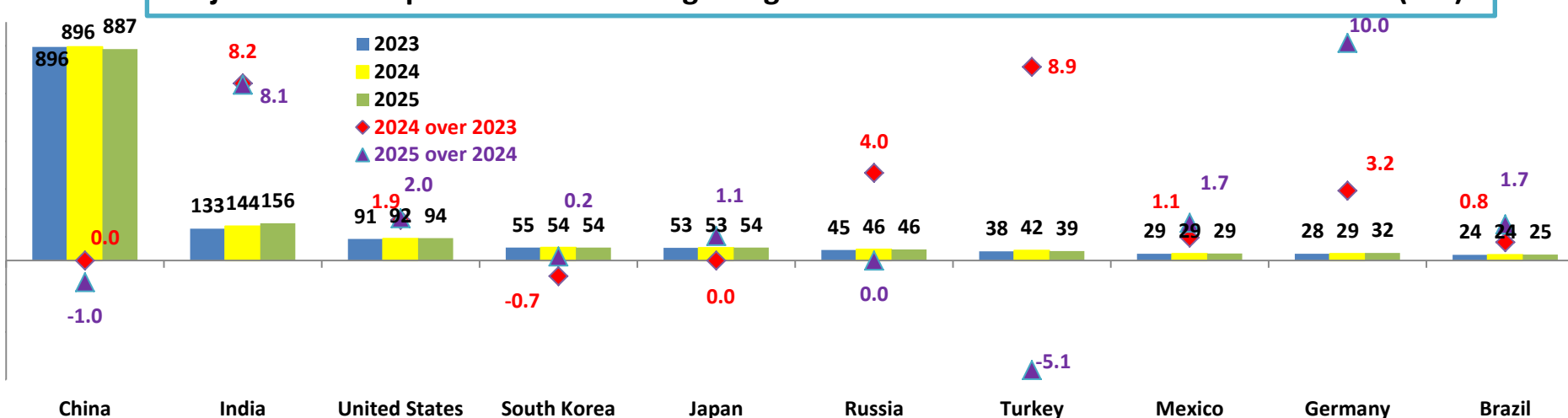
WSA in its Short Range Outlook for Apr'24 has projected a positive growth in demand during 2024 and 2025.

SOURCE: World Steel Association (WSA)

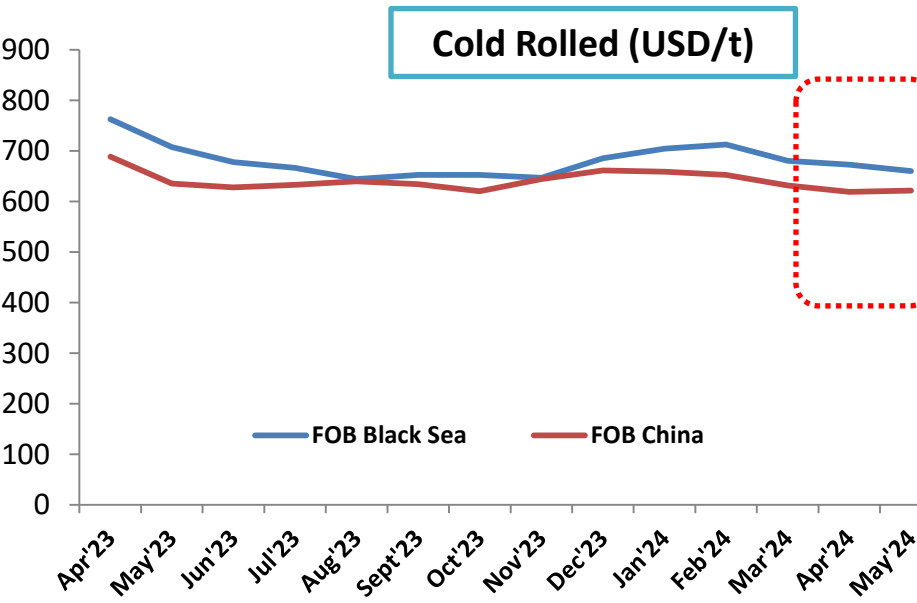
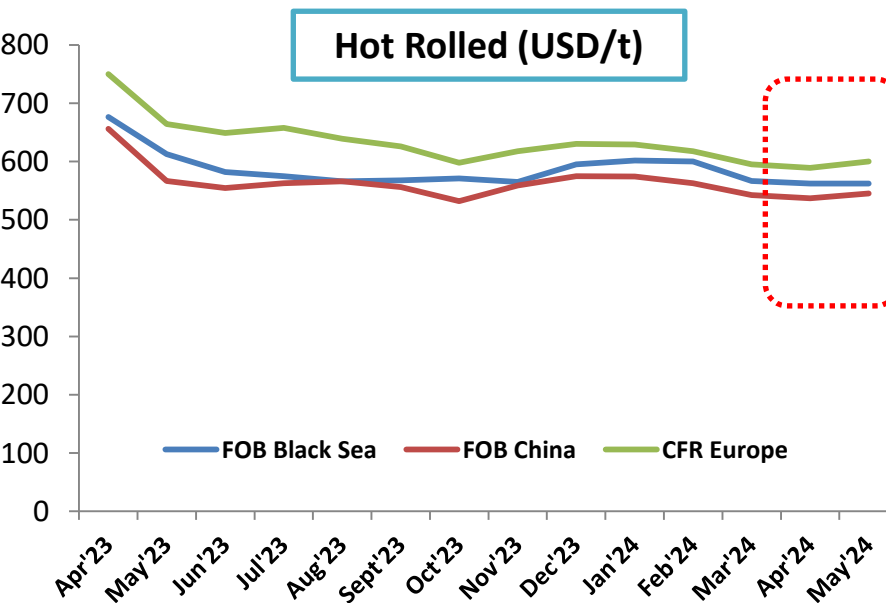
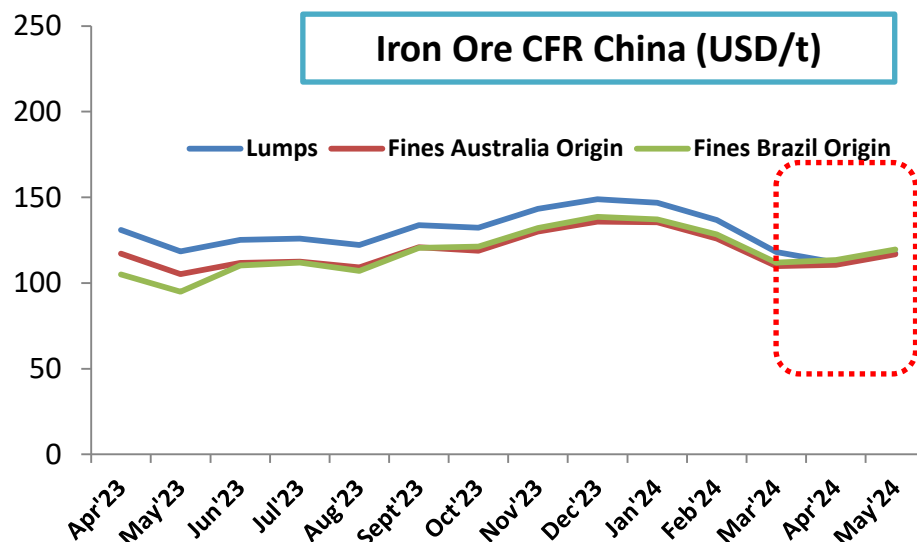
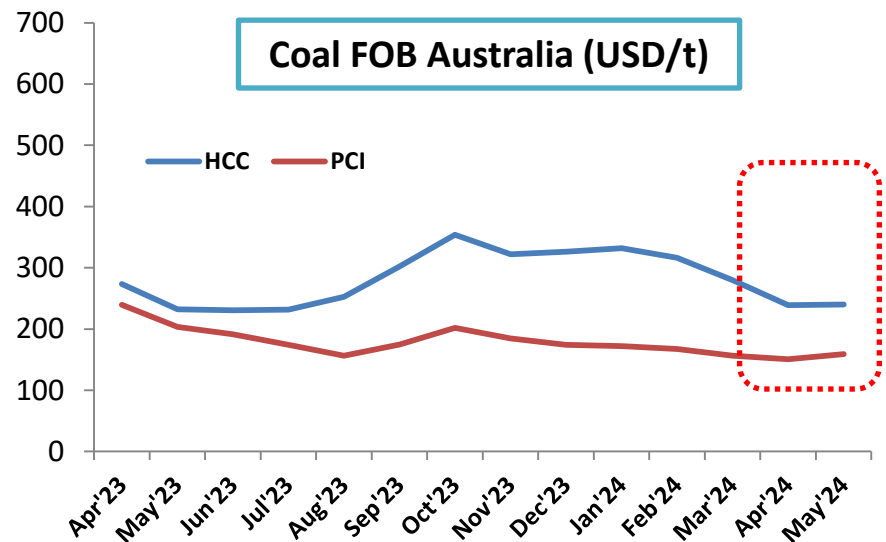
### Short Range Outlook, Apr'24:

- Global steel demand is expected to increase by 1.7% in 2024 (lower than 1.9% projected in Oct'23) and 1.2% in 2025.
- Demand growth in China is expected to be stagnant in 2024 and decline by 1% in 2025.
- Global demand excluding China is expected to grow 3.5% in 2024 (lower than 4.0% in projected in Oct'23) and 3.5% in 2025.
- Amongst the major steel consuming nations, demand growth in India (8.2% in 2024) is projected to be second highest after Turkey (9%). During 2025 as well, demand growth in India (8.2%) is projected to be second highest after Germany (10%).

## Projections for top 10 steel consuming using countries in 2025 vs 2024 and 2024 vs 2023 (MT)



# INTERNATIONAL PRICE TRENDS



SOURCE: Big Mint

# STEEL AUTHORITY OF INDIA LIMITED



## Domestic Economic & Steel Scenario

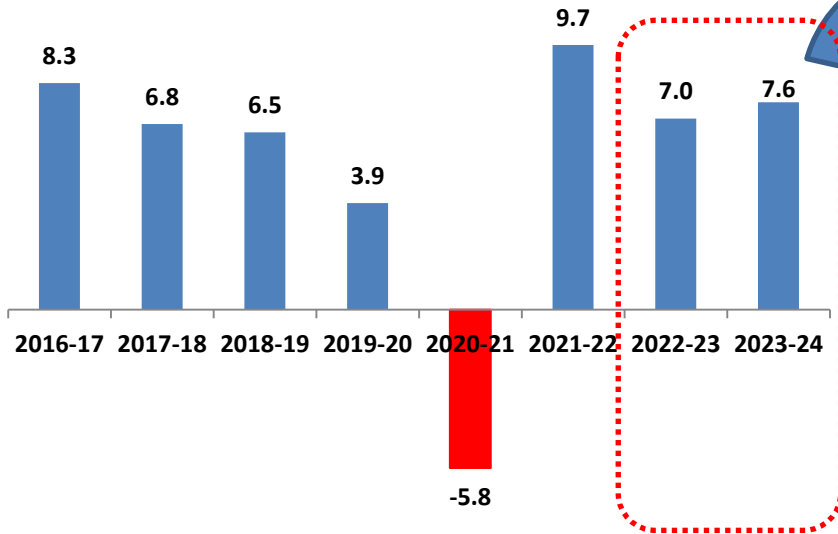


# INDIAN ECONOMIC SCENARIO

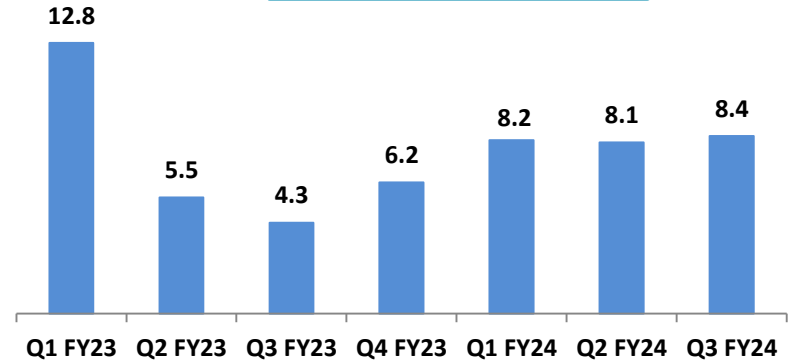


**GDP Growth % at Constant (2011-12) Prices**

SOURCE: MOSPI, GOI



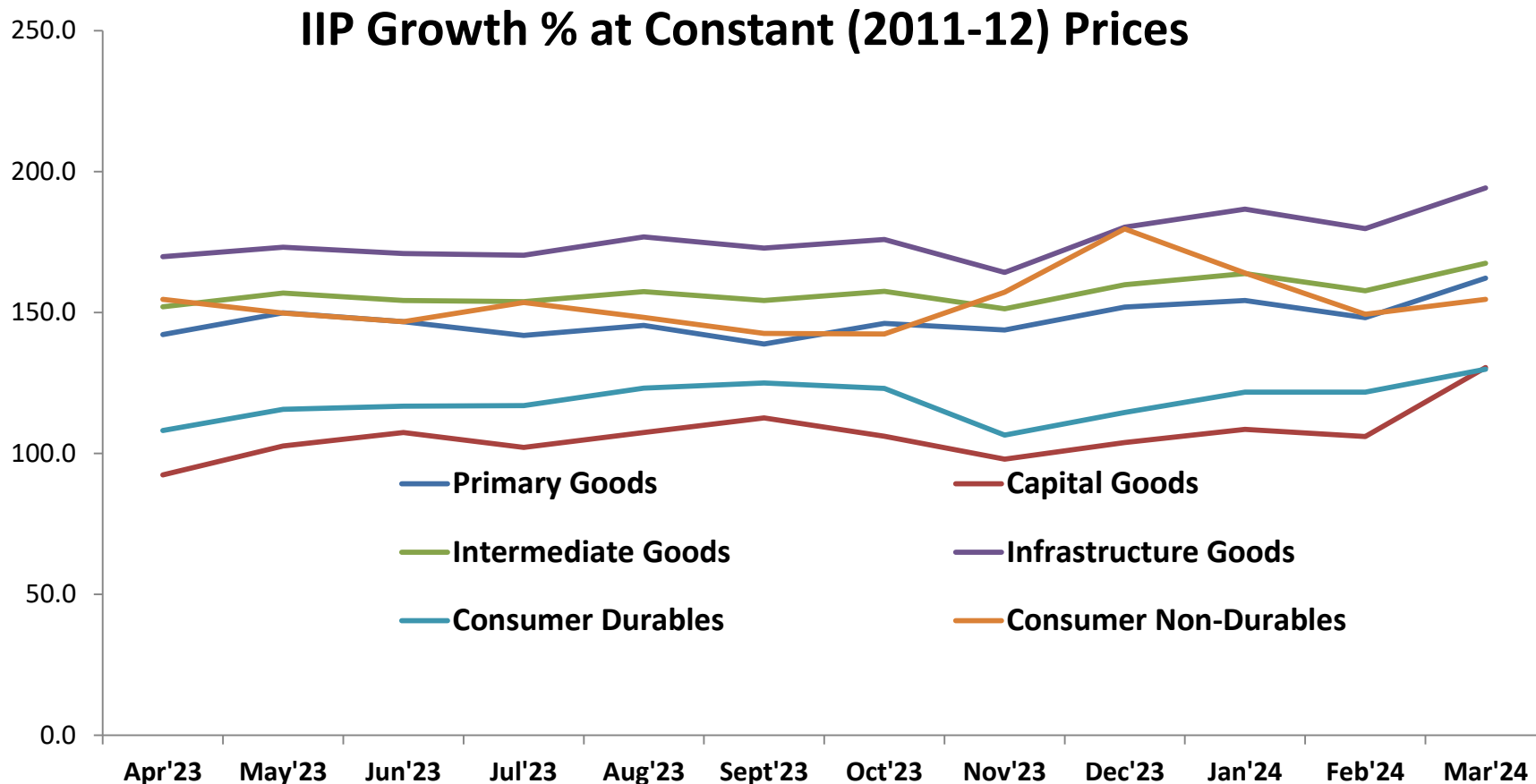
**Quarterly GDP**



COVID19 Pandemic saw the GDP of Indian economy slide into negative during FY'21 at -5.8%. The post COVID recovery has been quite significant as India countered the forces of inflation better than its counterparts. The estimates for the FY'22 and FY'23 stand at 9.7% and 7.0% respectively while the advance estimates for FY'24 have been released as 7.6%. Despite the projections for future years coming down, India is likely to remain amongst the fastest growing major economies. The projections from major financial agencies are as follows:

Source	Growth Projection	Remarks
WORLD BANK (Apr'24)	6.6% (FY25)	Earlier estimate of 6.3% for FY24 made in January 24 has been improved significantly to 7.5%. The projections for FY25 have been revised upwards by 0.2% from earlier projections.
IMF (Apr'24)	6.8% (CY24) & 6.5% (CY25)	Projections for CY'24 has been increased to 6.8% from 6.5% projected earlier with CY'25 projection at 6.5%.
RBI (Apr'24)	7% (FY24)	RBI has retained the earlier projections of 7% made in Feb'24.

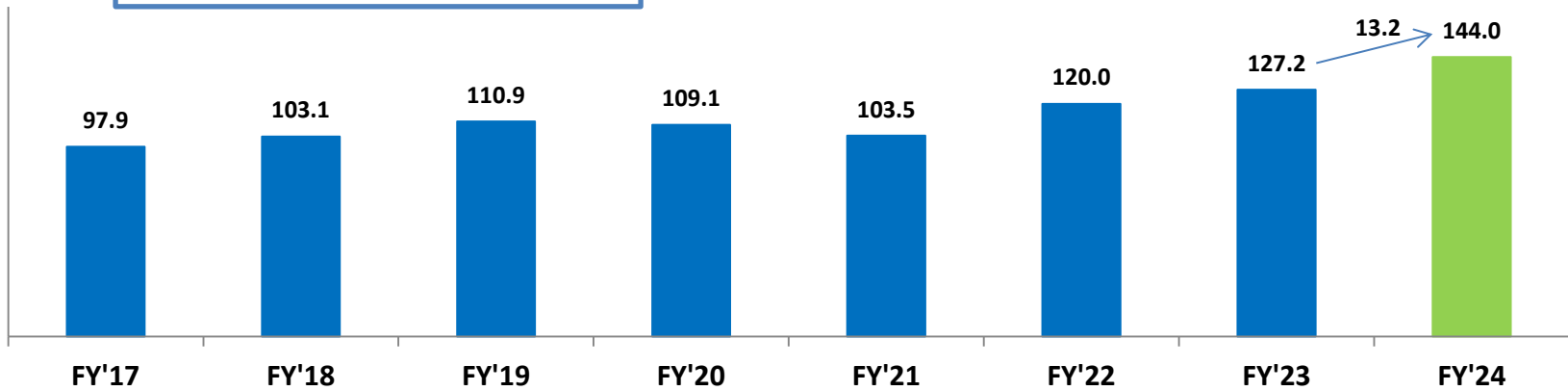
SOURCE: MOSPI, GOI



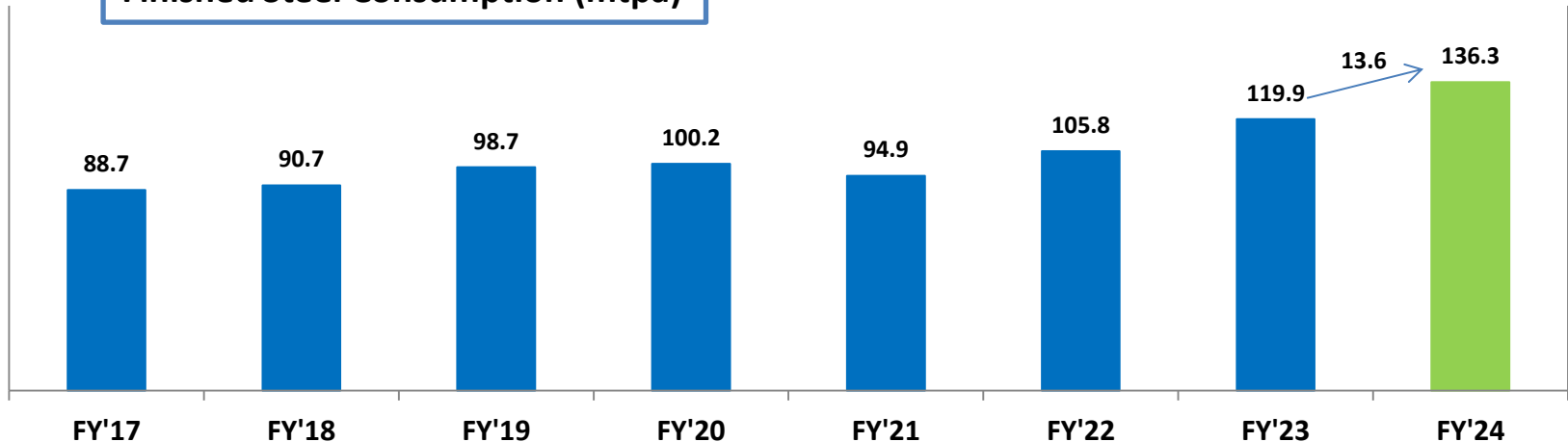
*The manufacturing activities had fallen to historic lows during lockdown due to COVID19 during Q1 FY'21. However, as economy recovered sharply on the back of financial stimulus by the Government and demand rising sharply across sectors post lockdown, the IIP also saw a steep climb. Thereafter, during Q1 FY'22 owing to second wave of COVID19, there was a marginal dip before the index started to rise again. During FY'24, the IIP has registered increase in all use-based areas over CPLY.*

# INDIAN STEEL SCENARIO

## Crude Steel Production (mtpa)



## Finished Steel Consumption (mtpa)



The Short Range Outlook published by WorldSteel Association during Apr'24, projected steel demand in India to increase by 8.2% in CY2024 as well as in CY2025.

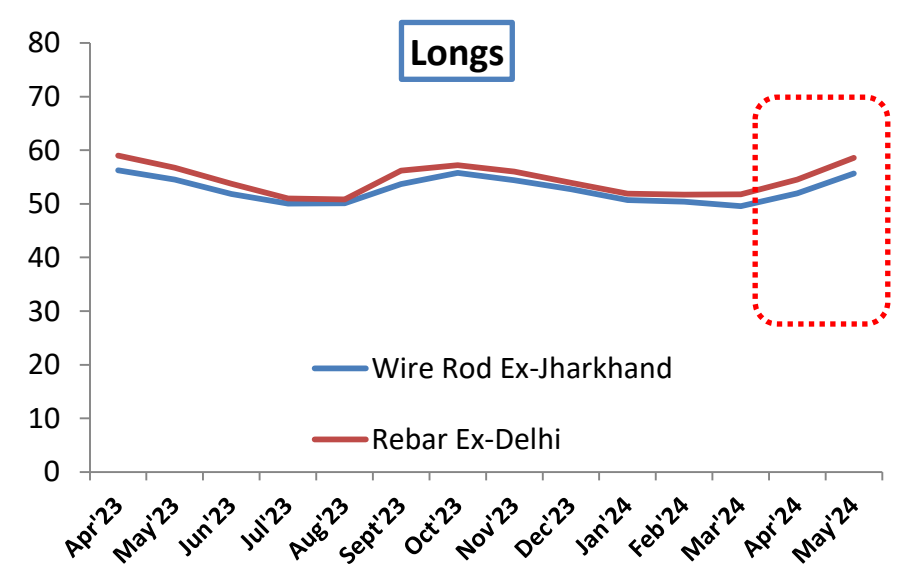
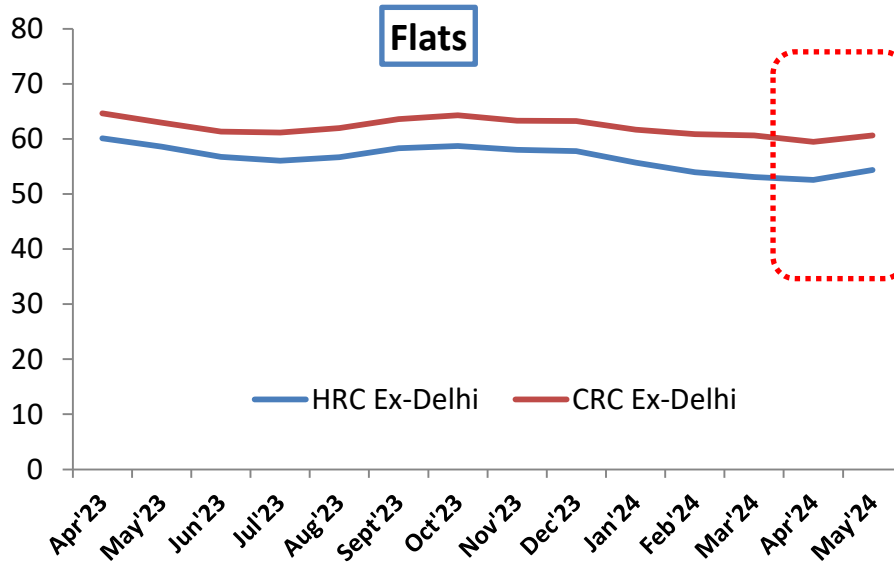
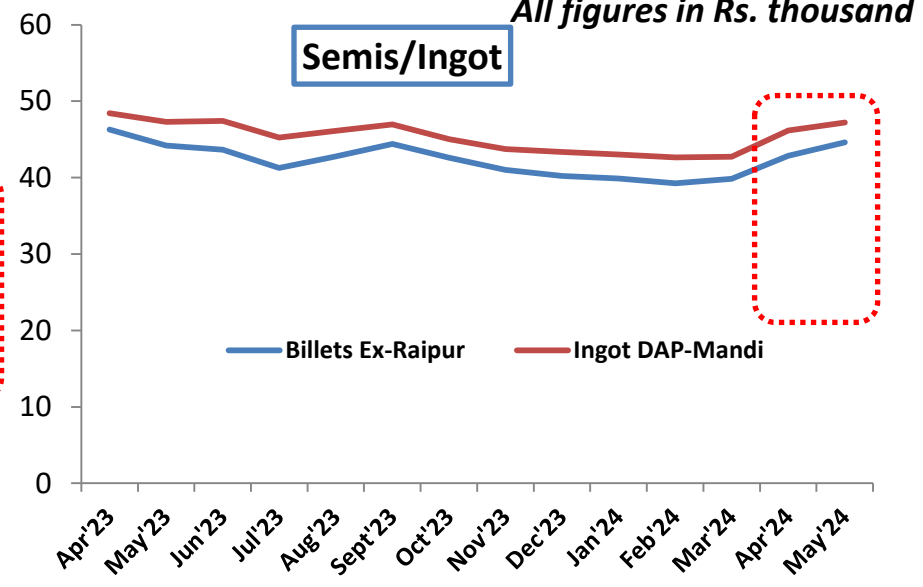
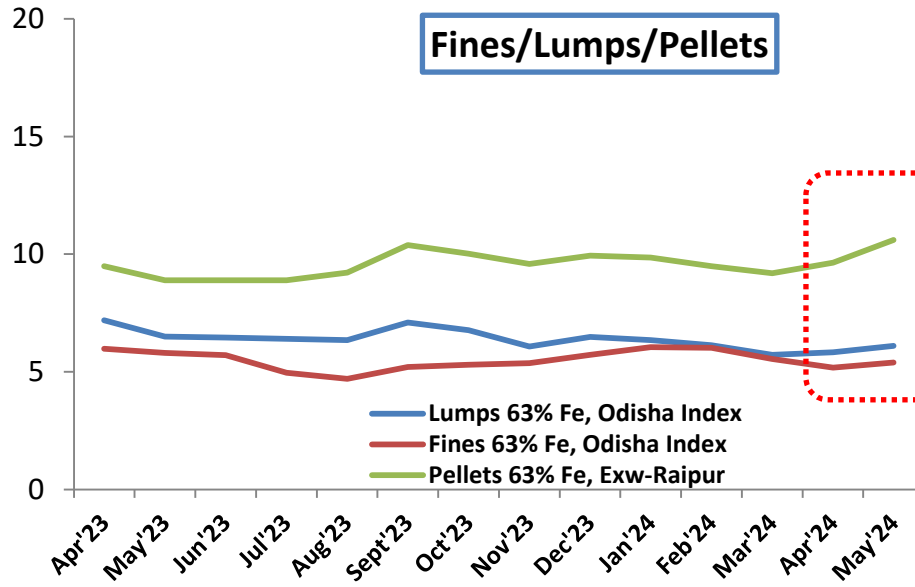


# DOMESTIC PRICE TREND



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All figures in Rs. thousand



# STEEL AUTHORITY OF INDIA LIMITED



## Operational Performance

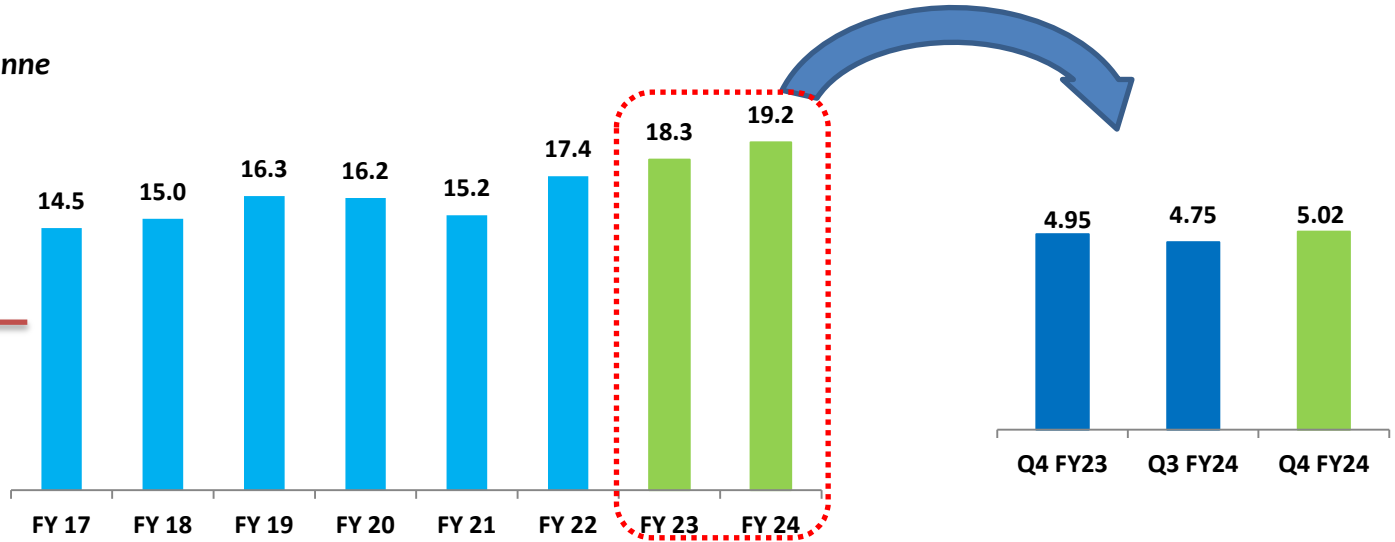


# PRODUCTION PERFORMANCE



All figures In Million Tonne

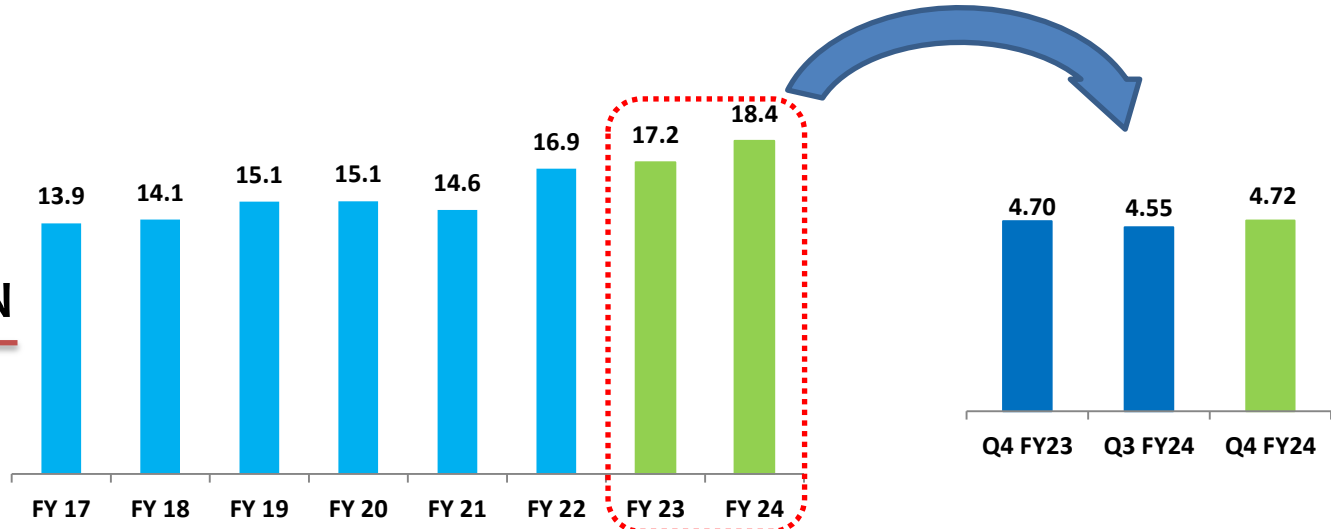
## CRUDE STEEL PRODUCTION



Annual

Quarterly

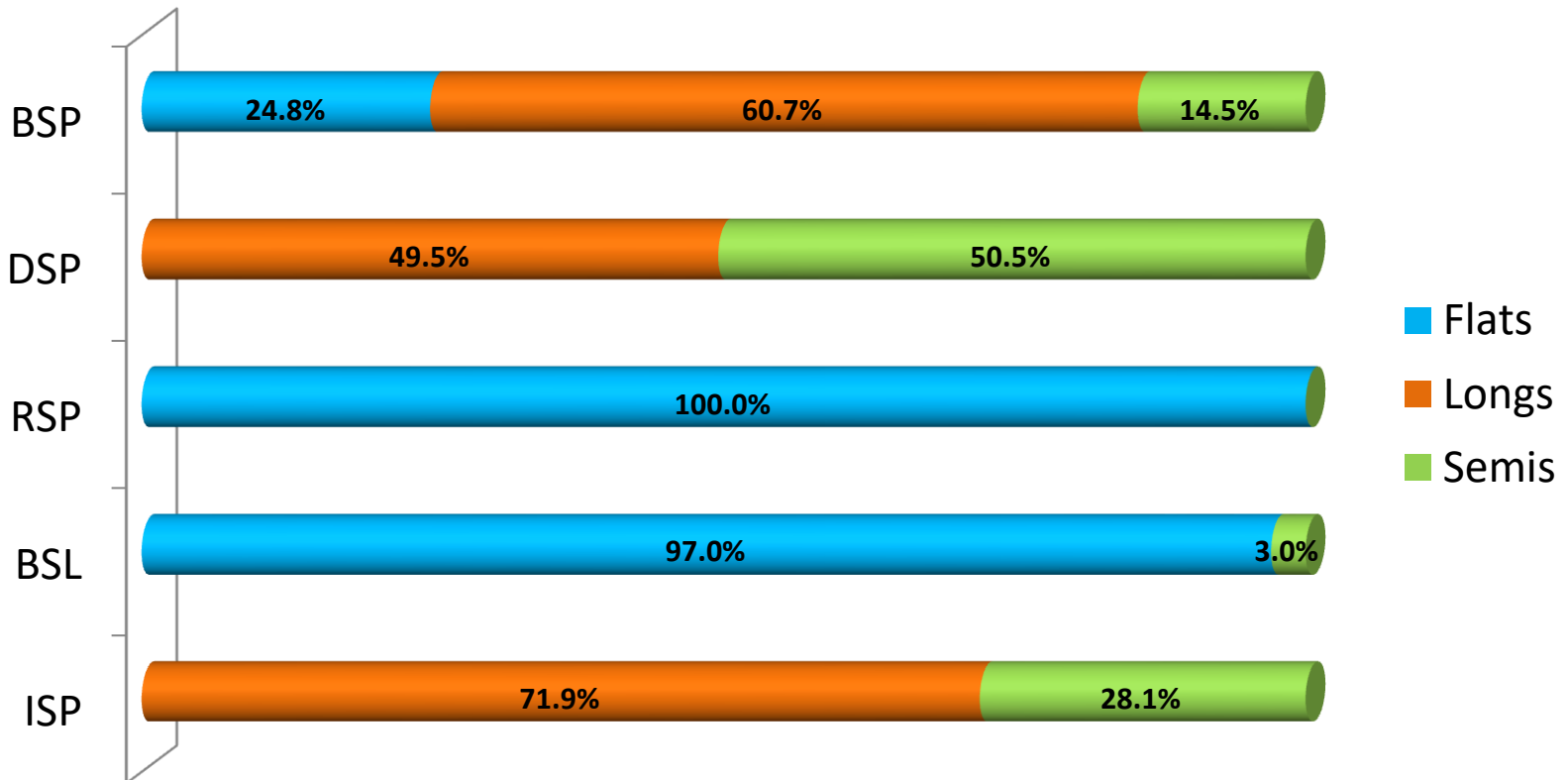
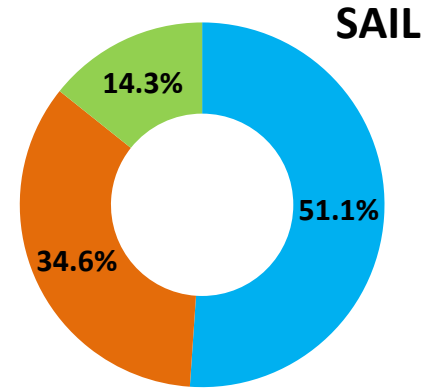
## SALEABLE STEEL PRODUCTION



# PRODUCTION PERFORMANCE : FY'24



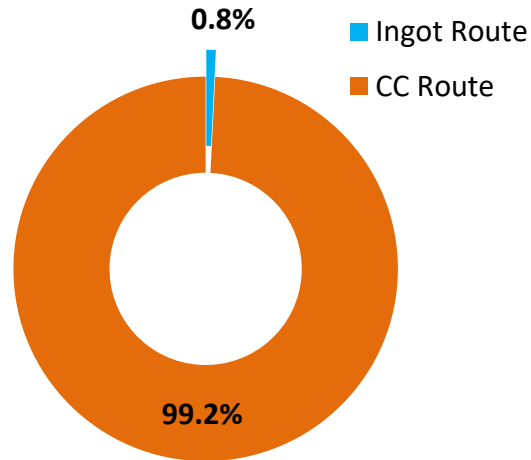
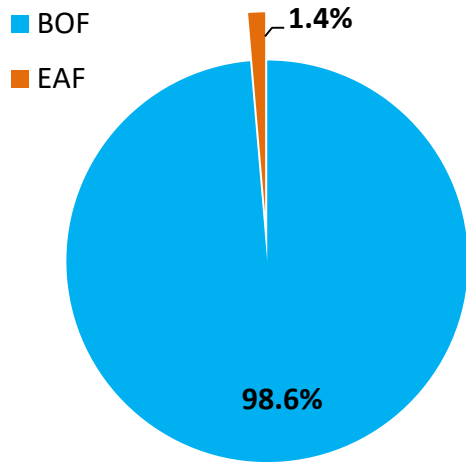
## PRODUCT MIX : 5 ISPs



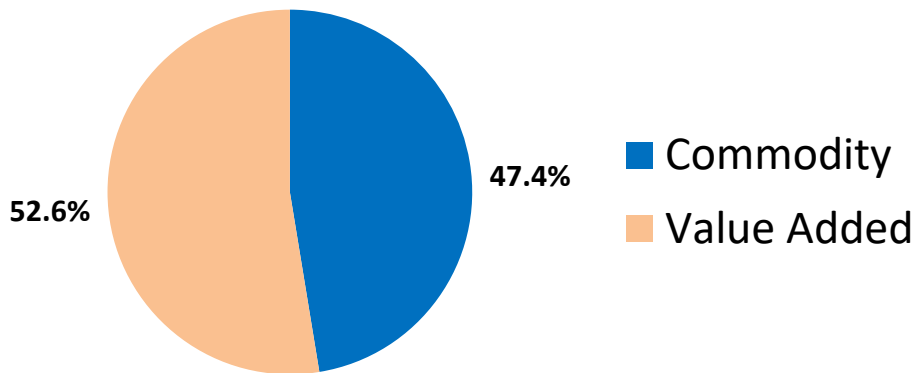
# PRODUCTION PERFORMANCE : FY'24



## CRUDE STEEL PRODUCTION BY PROCESS



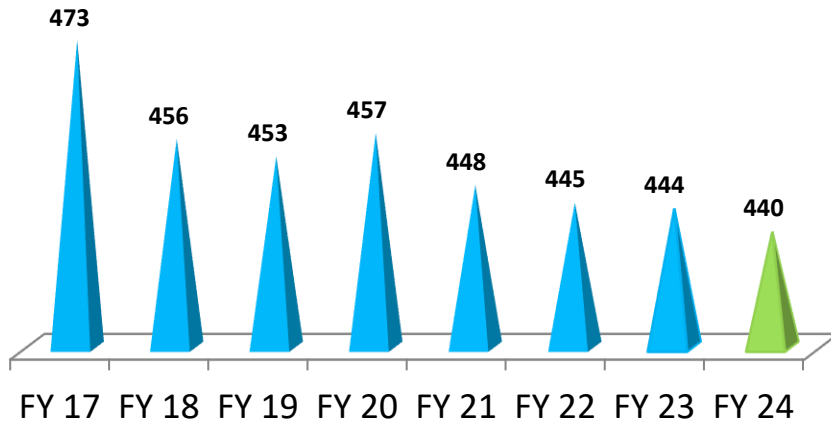
## SALEABLE STEEL PRODUCTION BY PROCESS



# TECHNO-ECONOMIC PARAMETERS

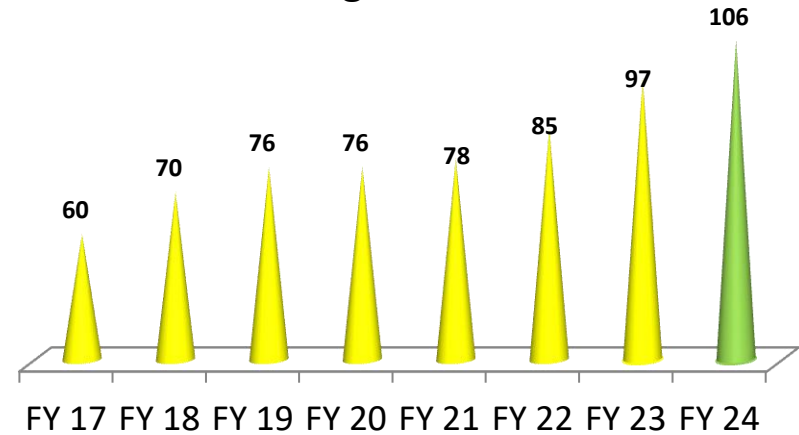


### Coke Rate: kg/thm



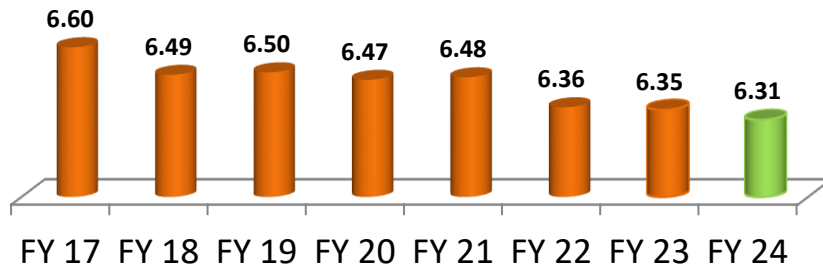
Reduction of 7% over FY17

### CDI Rate: kg/thm



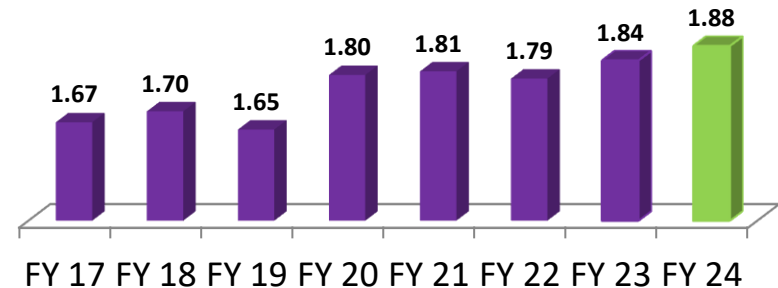
Increase of 77% over FY17

### Specific Energy Consumption: GCal/tcs



Reduction of 4% over FY17

### BF Productivity: T/m<sup>3</sup>/Day



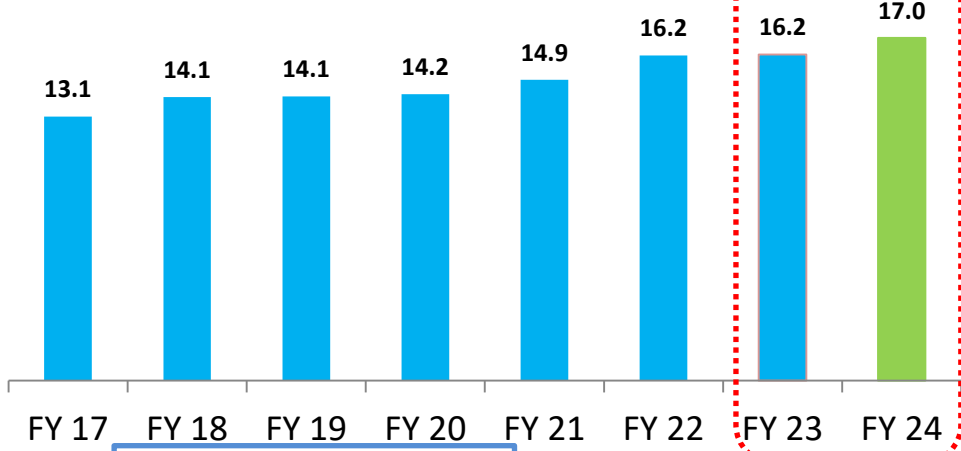
Improvement of 13% over FY17

# SALES PERFORMANCE



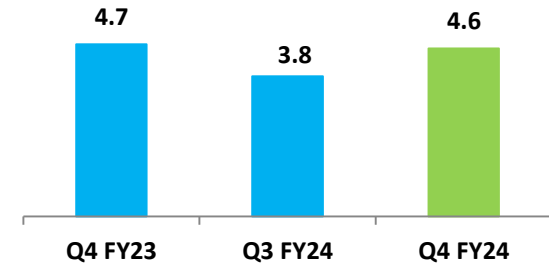
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## Annual

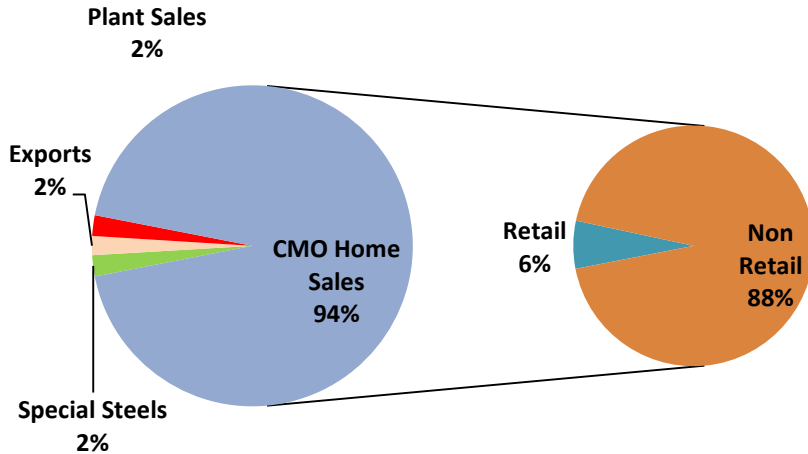


All figures In Million Tonne

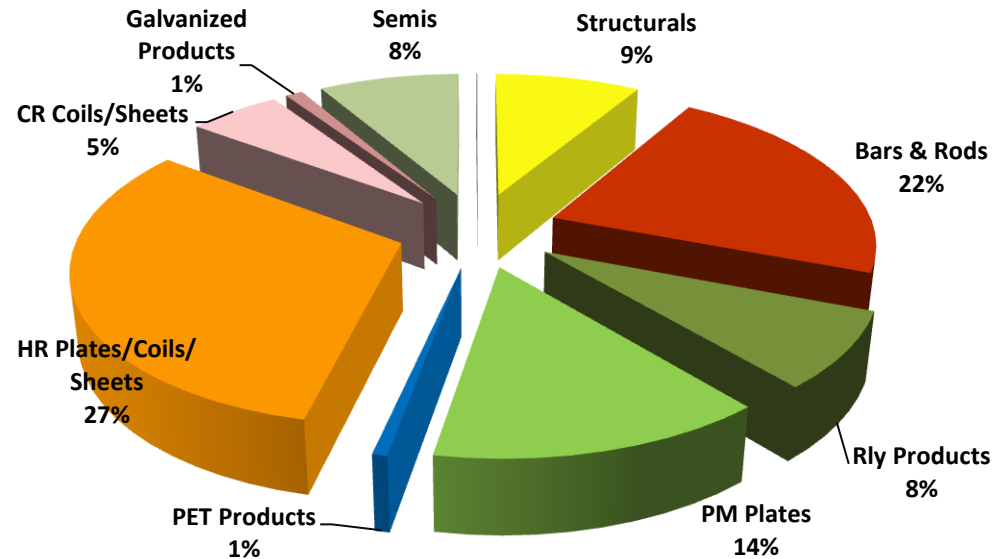
## Quarterly



## Sectoral Breakup



## CMO Home Sales - Product Mix



# STEEL AUTHORITY OF INDIA LIMITED



## Financial Performance





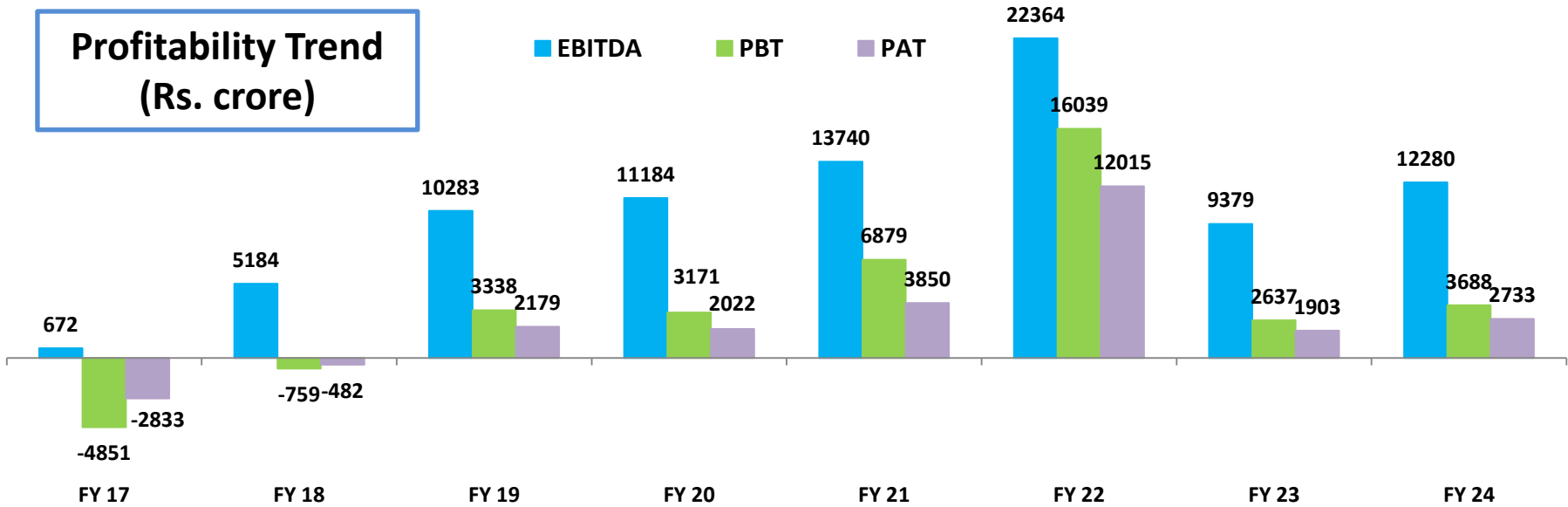
# FINANCIAL PERFORMANCE

Rs. Crore (INDAS Compliant figures)	FY 23	FY 24	Q4 FY 23	Q3 FY 24	Q4 FY 24
Sales Turnover	103729	104545	28947	23148	27744
Total Income	105802	106523	29618	23524	28311
EBITDA	9379	12280	3401	2319	3829
Depreciation	4963	5277	1364	1321	1356
Finance Cost	2037	2474	517	614	642
PBT Before Exceptional Items	2379	4529	1520	384	1831
Exceptional Items	258	-841	-40	76	-502
PBT After Exceptional Items	2637	3688	1480	461	1329
Tax	734	955	430	129	317
Profit After Tax	1903	2733	1049	331	1011

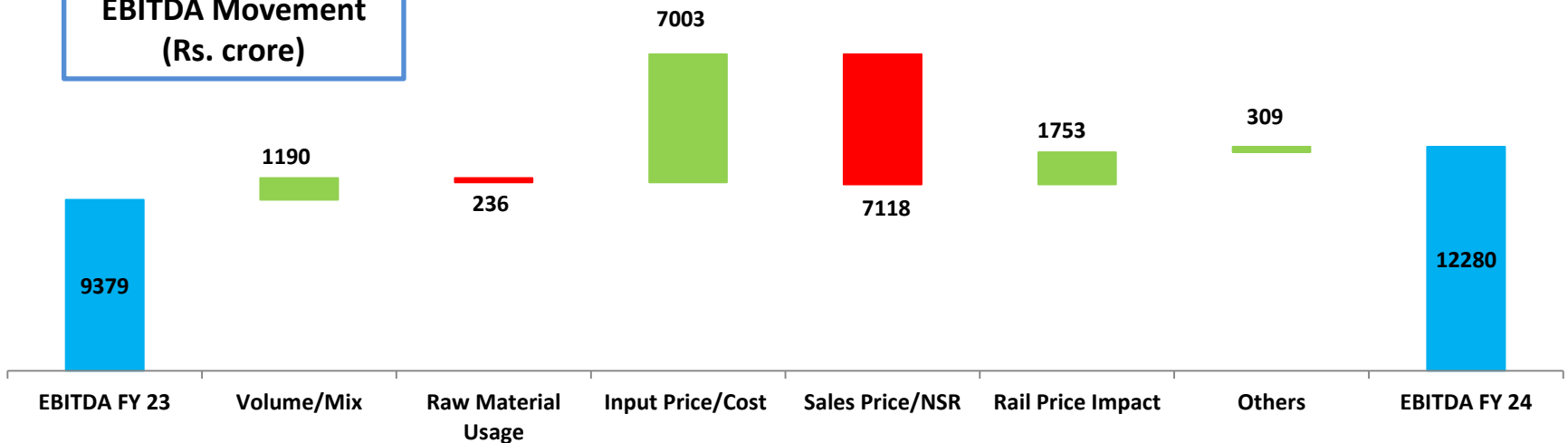
# FINANCIAL PERFORMANCE



## Profitability Trend (Rs. crore)



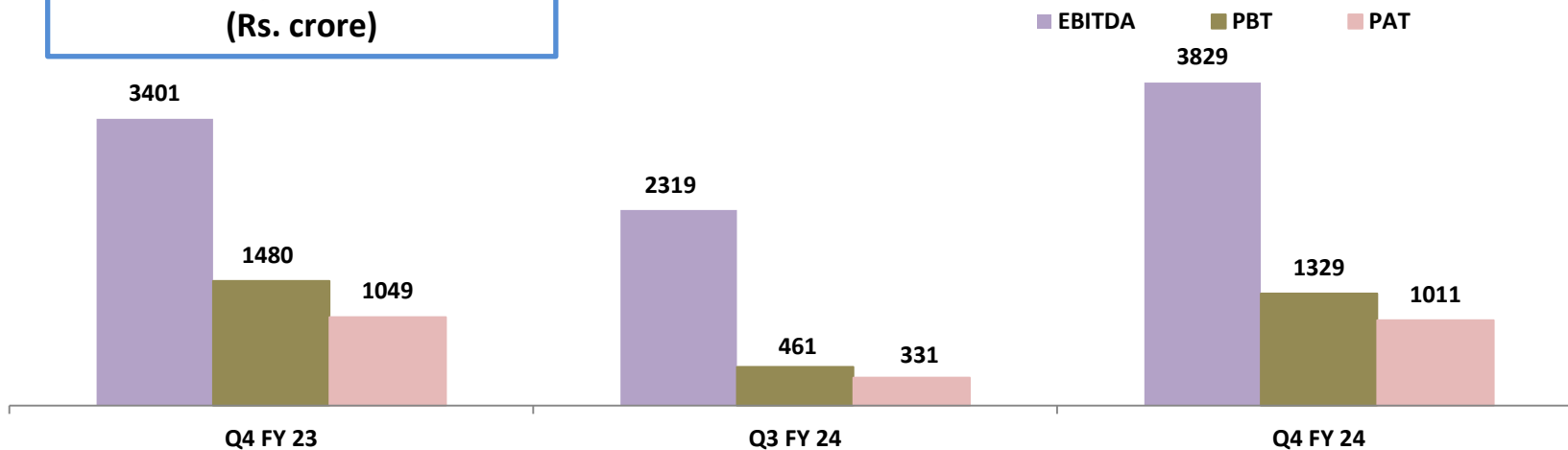
## EBITDA Movement (Rs. crore)



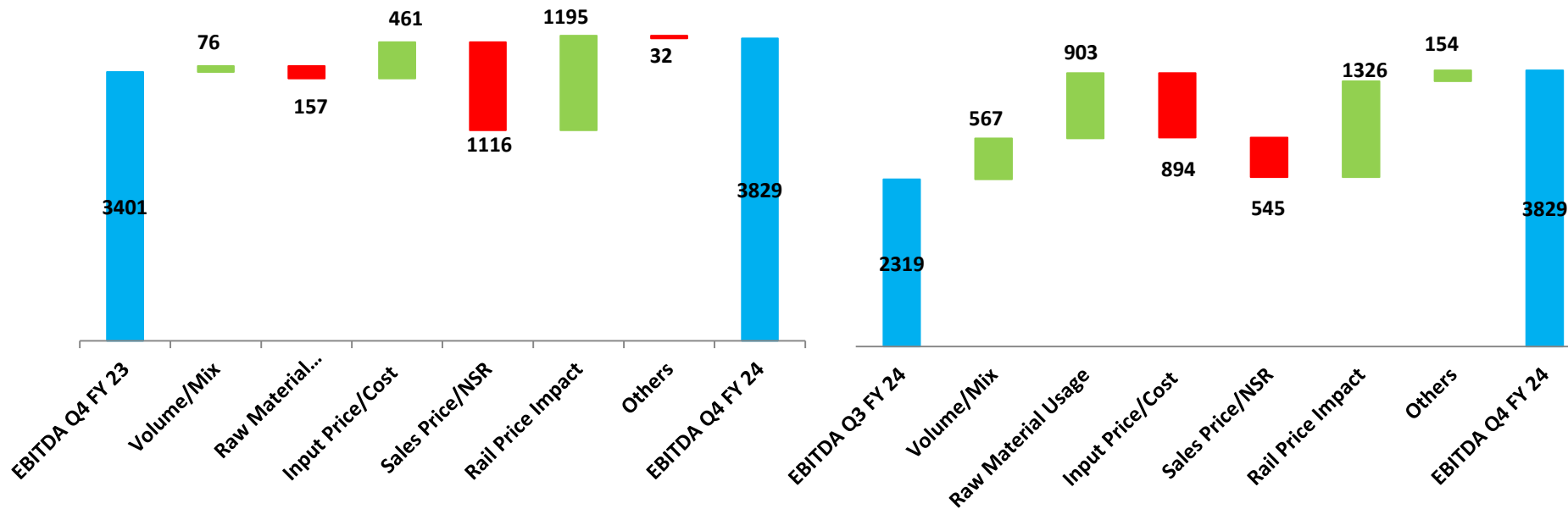
# FINANCIAL PERFORMANCE



## Quarterly Performance (Rs. crore)



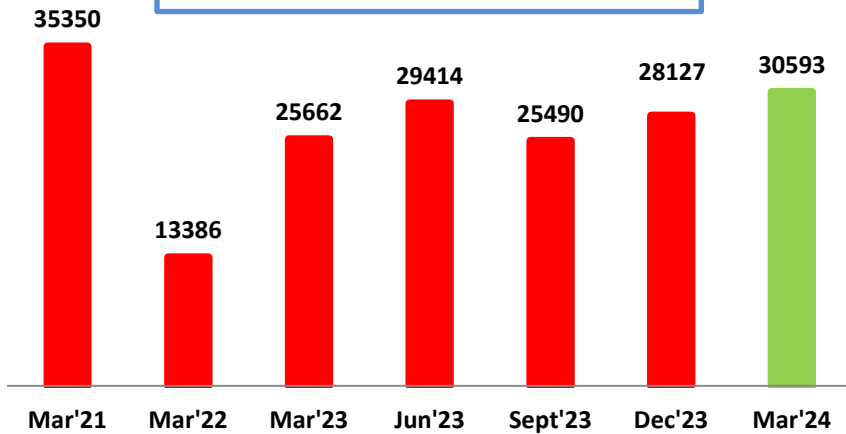
## EBITDA Quarterly Movement (Rs. crore)



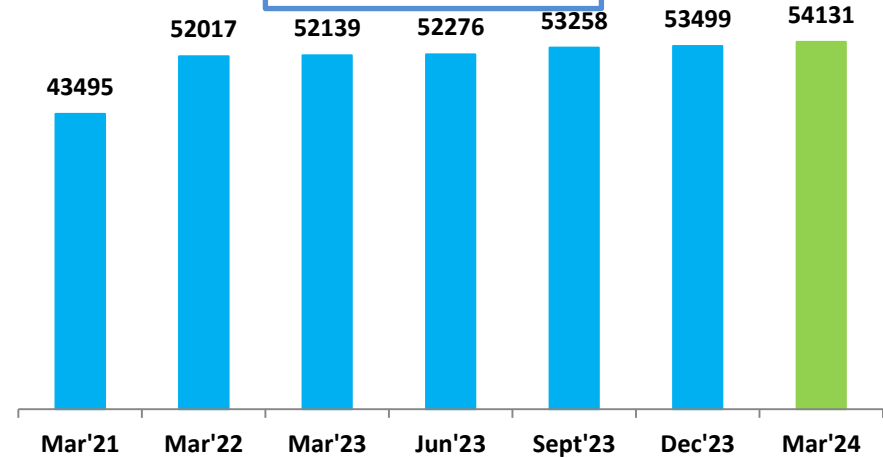
# FINANCIAL PERFORMANCE



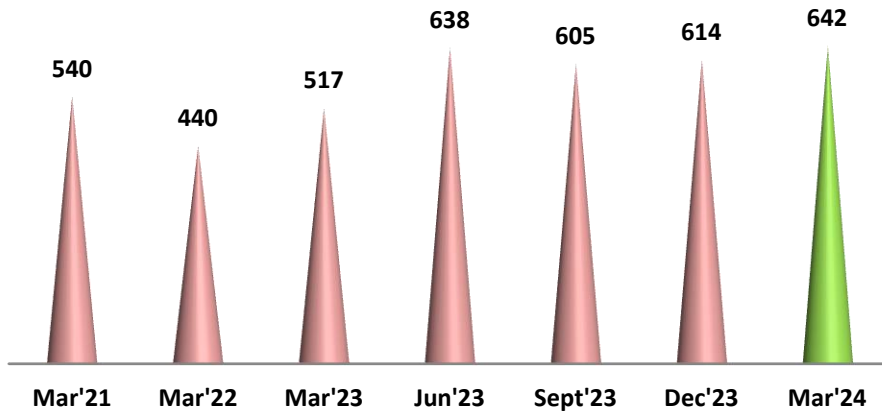
**Borrowings (Non Ind AS)**



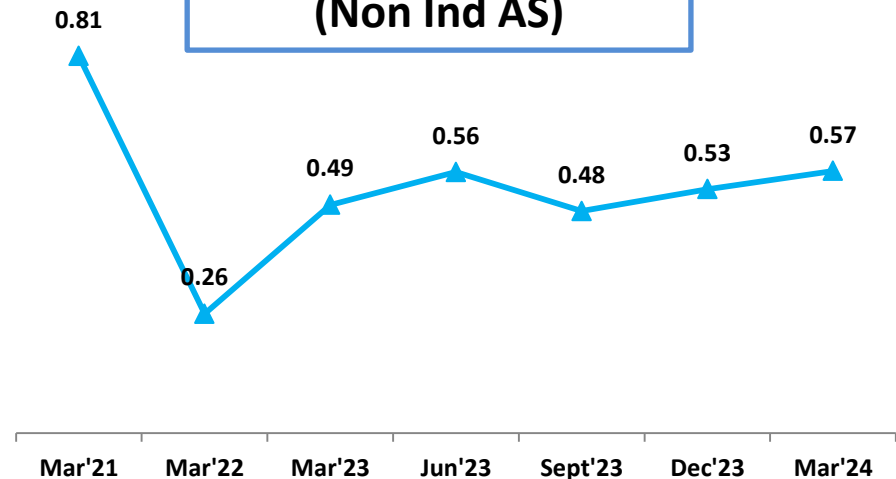
**Net Worth**



**Quarterly Interest**



**Debt-equity (times)  
(Non Ind AS)**



Borrowings, Interest and Net Worth in Rs. crore

# Abbreviations used

• BF	Blast Furnace	• FOB	Freight On Board
• SMS	Steel Melting Shop	• JPC	Joint Plant Committee
• BOF	Basic Oxygen Furnace	• Kg/thm	Kilo Gram Per Tonne of Hot Metal
• THF	Twin Hearth Furnace	• Tpd	Tonnes Per Day
• EAF	Electric Arc Furnace	• MT	Million Tonne
• BSP	Bhilai Steel Plant	• Mtpa	Million Tonne Per Annum
• DSP	Durgapur Steel Plant	• EBITDA	Earnings Before Interest, Taxes, Depreciation & Amortization.
• RSP	Rourkela Steel Plant	• PAT	Profit After Tax
• BSL	Bokaro Steel Limited	• PBT	Profit Before Tax
• SSP	Salem Steel Plant	• RINL	Rashtriya Ispat Nigam Limited
• VISL	Visvesvaraya Iron & Steel Plant	• CS	Crude Steel
• ASP	Alloy Steels Plant	• CDI	Coal Dust Injection
• CPLY	Corresponding Period Last Year	• CC	Continuous Casting
• G.Cal/tcs	Giga Calories per tonne of Crude Steel	• BOO	Build-Own-Operate
• ISP	Integrated Steel Plant	• GoI	Government of India
• HDGL	Hot Dip Galvanizing Line	• MOEF	Ministry of Environment & Forests
• CR	Cold Rolled		
• HR	Hot Rolled		

# Disclaimer



Statements / Data which do not relate to SAIL and are used / made in this presentation are from sources which are considered reliable and Company cannot be held for its authenticity.

Further, statements describing the Company's projections, estimates, expectations are “forward looking statements” within the meaning of applicable securities laws and regulations. Actual results may differ materially from those expressed depending on the circumstances / situations.

Major factors that could affect the Company's operations include, among others, economic conditions affecting demand / supply and prices in the domestic and global markets in which the Company operates, changes in Government regulations, tax laws and other statutes, etc.