

Corporate Presentation

August 2022

Forward Looking and Cautionary Statement



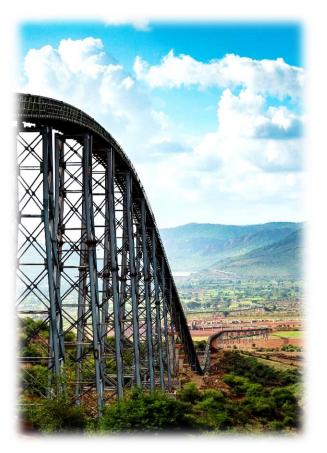
Certain statements in this report concerning our future growth prospects are forward looking statements, which involve a number of risks, and uncertainties that could cause actual results to differ materially from those in such forward looking statements. The risk and uncertainties relating to these statements include, but are not limited to risks and uncertainties regarding fluctuations in earnings, our ability to manage growth, intense competition within Steel industry including those factors which may affect our cost advantage, wage increases in India, our ability to attract and retain highly skilled professionals, time and cost overruns on fixed-price, fixed-time frame contracts, our ability to commission mines within contemplated time and costs, our ability to raise the finance within time and cost client concentration, restrictions on immigration, our ability to manage our internal operations, reduced demand for steel, our ability to successfully complete and integrate potential acquisitions, liability for damages on our service contracts, the success of the companies in which the Company has made strategic investments, withdrawal of fiscal/governmental incentives, impact of regulatory measures, political instability, legal restrictions on raising capital or acquiring companies outside India, unauthorized use of our intellectual property and general economic conditions affecting our industry. The company does not undertake to update any forward looking statements that may be made from time to time by or on behalf of the company.



PRINCIPAL SPONSOR



PRINCIPAL SPONSOR OF TEAM INDIA AT THE COMMONWEALTH GAMES 2022











Sustainability	5
Overview	8
Key Investment Highlights	12
Digitalisation at JSW Steel	36
Appendix	40

Sustainability Framework and Priorities

17 Focus Areas



Climate Change:

- Aligned to India's Nationally Determined Contributions for Climate Change as per Paris Accord
- Carbon neutrality at JSW Coated by 2030
- >42% reduction in specific CO₂ emissions by 2030 (vs. base year 2005)

Waste: 100% solid waste utilization

Resources

Supply Chain

Sustainability

Aligned to National & International Frameworks



Employee Wellbeing



Air

Emissions



Business Ethics

Considerations 15.25

2005)



Cultural Heritage

Biodiversity: No Net Loss for Biodiversity

Water Resources: >39% reduction in fresh

water consumption by 2030 (vs. base year

Waste Water: Zero Liquid Discharge

Human

Rights

Energy

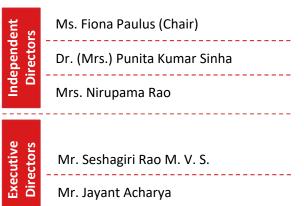




JSW Policies for each Focus Area are available on our website



Governance & Oversight By Board-level Business Responsibility And Sustainability Committee



Integrated Reporting



FY 2018





FY 2019 FY 2020 FY 2021 Click on images for reading online.

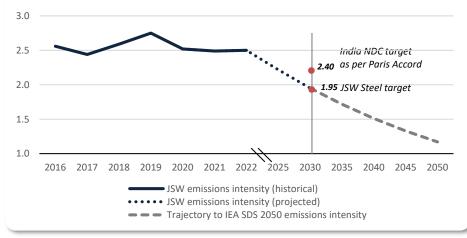
JSW Steel Corporate Presentation: August 2022

Climate Change: Emission Target and Initiatives



Derivation of carbon emission target for 2030

- The Sustainable Development Scenario (SDS) ^(a) requires direct emission intensity of crude steel production in India to fall over 60% by 2050 on the path to net zero in 2070
- The 2030 target is based on following the trajectory needed to reach a derived emissions intensity of 1.17 tCO₂/tcs by 2050 ^(b)
- India's Nationally determined contribution (NDC) as per Paris Accord for 2030 is 2.4 tCO₂/tcs



Planned/ Potential initiatives to reduce CO₂ intensity



Energy Transition from thermal to Renewable in steel making

Reduction of Coke rate through iron ore beneficiation, PCI, use of natural gas in BF and DRI



Increased use of scrap in steel making



Implementation of Best Available Technologies (BATs)



Process Improvements based on the world steel 'step up' global benchmarking process

Scaling up Carbon Capture & Use (CCU)



Issued Global Steel Industry's First USD Sustainability-Linked Bond in Sept 2021

Note:

JSW Steel Corporate Presentation: August 2022

(a) Based on the International Energy Agency's (IEA) Iron and Steel Technology Roadmap, published in 2020 (b) Taking account of both the direct (Scope-1) and indirect energy (Scope-2) emissions

Agenda





Sustainability	5
Overview	8
Key Investment Highlights	12
Digitalisation at JSW Steel	36
Appendix	40

JSW Group: Key Verticals





- India's largest steel producer
- Capacity of 28.5 mtpa, growing to 38.5 mtpa
- Listed on NSE, BSE. Market cap of US\$20.6bn



- Capacity of 4.6 GW (Hydro, Renewable and Thermal)
 Growing to 20 GW by 2030 with 85% renewable portfolio
- Listed on NSE, BSE. Market cap of US\$6.6bn

JŚW PAINTS 💧

- Capacity of 130,000 klpa
- Only fully-automated, waterbased plant in India



- Ports capacity of 153 mtpa
- Operations across East, West & Southern coasts of India



- Capacity of 17 mtpa, growing to 25 mtpa
- India's leading green cement company



- Social development arm of the Group, with footprint across 11 states and 15 districts
- Reaching out to +1 mn individuals around the operating locations



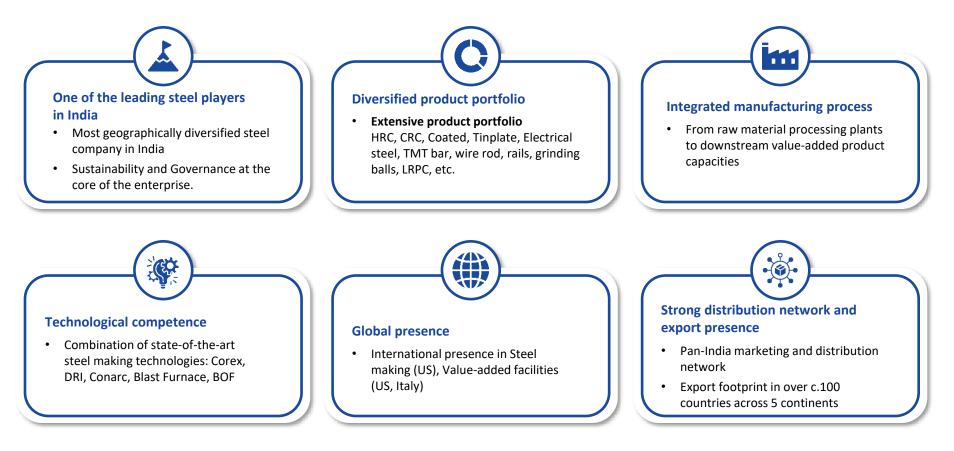
- Aims at nurturing the sporting dream of India
- Trained Olympic medal winners
- Associated with champion teams like Delhi Capitals, Bengaluru FC and Haryana Steelers



- Early stage, tech focused Venture Capital fund
- Invests in companies building innovative solutions that leverage India's demographic dividend, consumption drivers and technological advancements

JSW Steel: Among India's Leading Steel Manufacturers

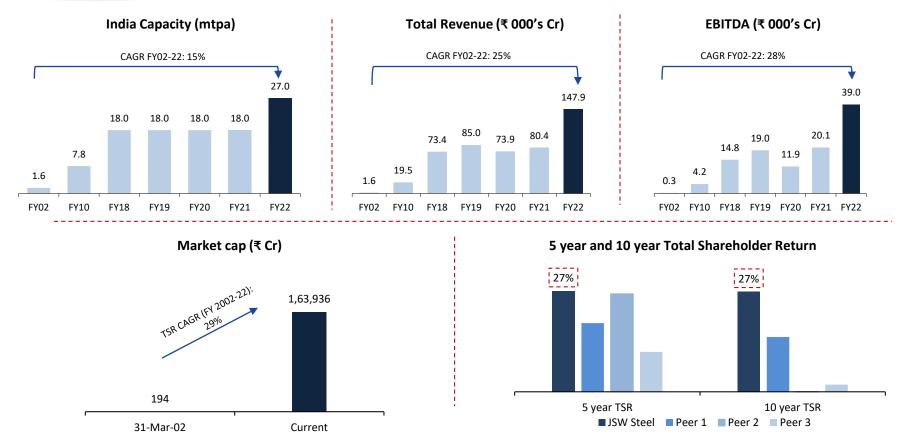




JSW Steel Corporate Presentation: August 2022

Transformational Growth and Value Creation





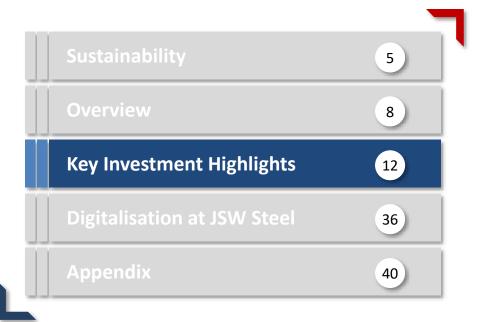
JSW Steel Corporate Presentation: August 2022

Market Cap and Total Shareholder Returns (TSR) as per Bloomberg, 12th August 2022. Peers are the major listed Indian steel producers. Note: FY22 capacity includes 1.2 MTPA of JISPL; merger with JSW Steel announced May 2022

Agenda







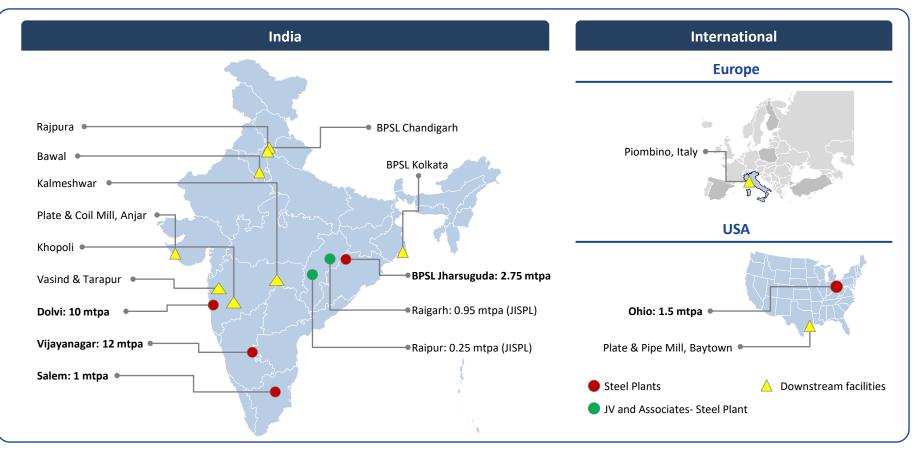
Key Investment Highlights



1	Size, Scale & Growth	Leading steel producer in India with near-term growth to take capacity to 37 mtpa
2	Efficiency	Lowest cost of conversion in India, one of the lowest globally. Strong domestic iron ore linkage
3	Product Mix	Strong margins further enhanced by significant downstream capacities producing value added and special products
4	ESG	Sustainability at the core of the enterprise. Actively pursuing climate change agenda
5	Governance & Management	Strong board and experienced management team
6	Track Record of Growth	Track record of efficient organic and inorganic growth: India capacity growth of 15% CAGR (FY02-FY22)
7	Shareholder Value	Prudent capital allocation: 20 year TSR CAGR of 29%, and uninterrupted dividends
8	Balance Sheet Strength	Strong balance sheet and access to diversified funding sources globally

Leading and Most Geographically Diversified Steel Producer in India





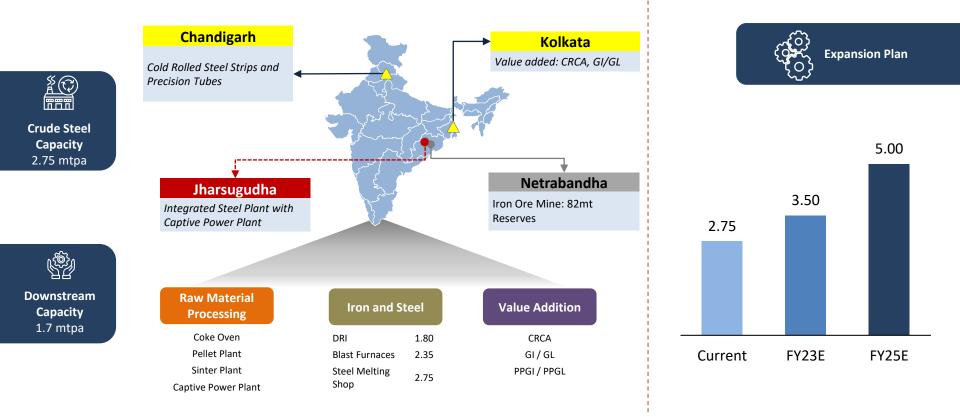
JSW Steel Corporate Presentation: August 2022

JSW Steel's ownership in Bhushan Power and Steel Ltd (BPSL) is 83.3% w.e.f. 1st Oct 2021.

JSW Steel's ownership in JSW Ispat Special Products Ltd (JISPL) is 23.1%; announced merger with JISPL in May 2022.

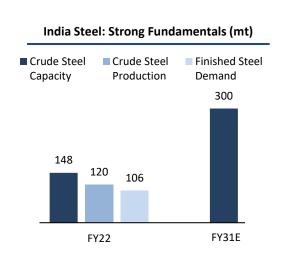
1 BPSL- Facilities and Capacities Overview



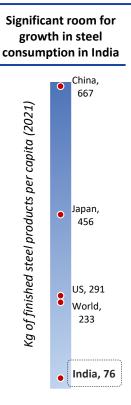


Strong Fundamentals for India Steel Demand





- Govt. thrust on infrastructure, housing, and increasing the share of manufacturing in GDP
- \$1.4tn National Infrastructure Pipeline over next 5 years
- Realignment of global supply chains and "China+1" sourcing approach of MNC's
- Production-Linked Incentive scheme launched by govt. to promote manufacturing in select sectors
- Robust demand from energy transition and resi. real estate



Recent changes of export and import duties on the sector

• Govt. of India announced several duty changes on 21 May 2022:

Product Change in duties		Impact
Steel	Imposition of 15% export duty on most products	
Iron Ore	Imposition of 50% export duty on Iron Ore and 45% on Pellets	
Coking Coal	Removal of 2.5% import duty on Coking Coal	

- Export duty on Iron Ore has brought down domestic prices
- Benefit from removal of import duty on Coking Coal
- Export duty on steel imposed to address inflation. Expected to be a temporary measure, as was the case in 2008

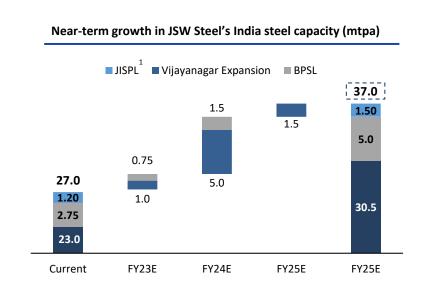
Best placed Indian steel producer to benefit from strong domestic demand growth

JSW Steel Corporate Presentation: August 2022

Source: Ministry of Steel, World Steel Association (WSA)

Near-term Growth to Take India Capacity to 37 mtpa





- 5 mtpa Dolvi expansion commenced integrated operations in FY22
- 5 mtpa brownfield expansion at Vijayanagar
 - Value-accretive with low capex of c.\$400-500/ton
- Incremental expansion at Vijayanagar of existing facilities to enhance capacity by further 2.5 mtpa (1.0 + 1.5) in phases
- BPSL on track to expand capacity from 2.75mt at present to 5mt by FY25
- Organic brownfield capacity expansion capex well below global benchmarks of replacement cost of c.\$1,000/ton for BF-based capacity

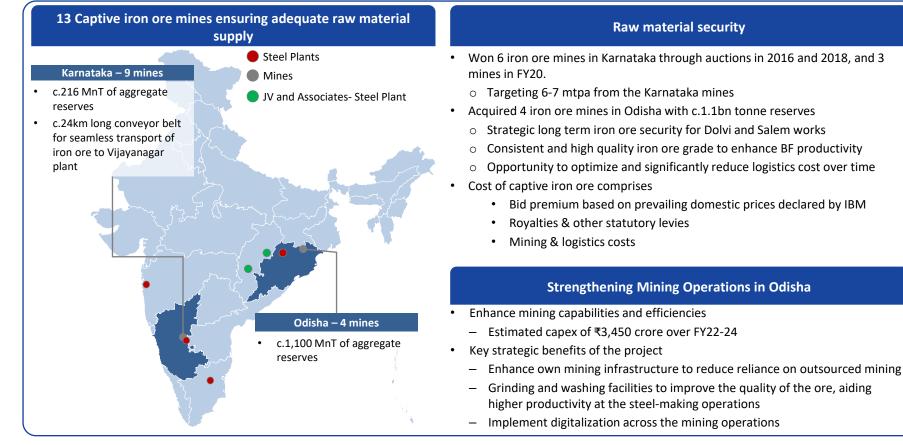
Value-accretive brownfield growth at low capex per ton

² One of the Lowest Costs of Conversion Globally



Resilient business model based on continued focus on cost leadership WSD Aggregate Ranking^(a) Leading position on global conversion cost curve Conversion cost of c.\$136/tonne in FY22 # 4 ranked in Asia Technology, analytics and innovation continue to be the key levers to further optimize cost and operational efficiencies Implementation of cost reduction projects targeting overall cost savings and reduced dependencies - Pellet plant and coke oven facilities at Vijayanagar and # 12 ranked Dolvi Utilisation of pipe conveyor system for transporting in Globally iron ore fines





² Digital Logistic Management System (DLMS) - Odisha Mines



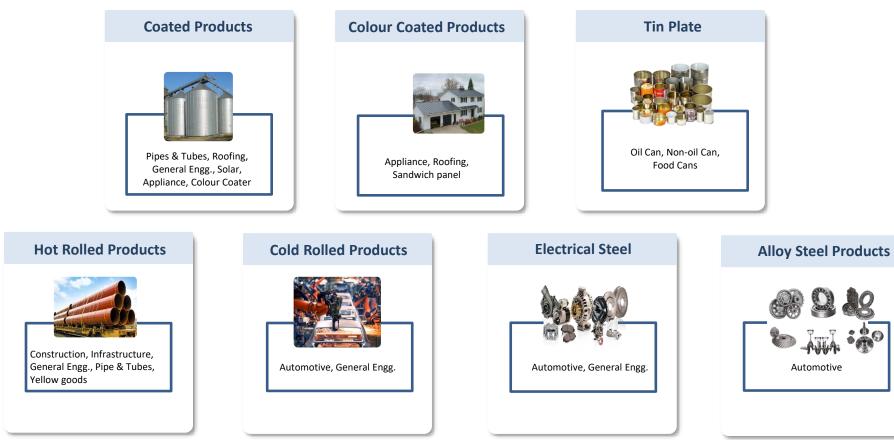
DLMS





Strong Margins Further Enhanced by Significant Downstream Capacities Producing Value Added and Special Products





Strong focus on building brands and increasing value added sales



	Advanced Roofing Technology	Super premium, colour coated coils & sheets, with a 20 year warranty
Coated	Premium Colour Coated Roofing Sheets	 Premium colour coated coils & sheets, with a 15 year warranty. 3 variants - Cool Roof, Anti Dust & High Gloss
Colour	Colour Coated Sheets	High quality Al-Zn alloy & colour coated roofing sheets with anti-corrosion technology
	Superior Quality Colour Coated Sheets & Colls	 Superior colour coated sheets for OEM customers 6 variants – Anti Microbial, Anti Graffiti, Anti Dust, Anti Statics, Cool Roof and High Gloss
lume	Premium Al-Zn Sheets	Premium category Al-Zn coated roofing sheets & coils with 7 year warranty
Galvalume	Premium Al-Zn Sheets	 Desired weight as per customer requirements Corrosion protection and enhanced durability
gC	Premium GC Sheets	Premium GC (galvanized corrugated) sheet with high durability

3



Strong focus on building brands and increasing value added sales





• Tinplate coils and sheets with high strength and formability, used in food and non-food packaging







• Galvanised steel that is lead free, suited for consumer durable sector with high safety and non-hazardous-material needs



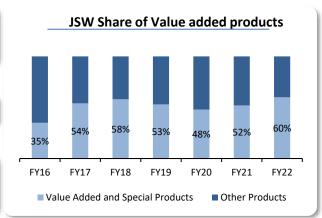
- Greenpro certified TMT bars. Manufactured through primary production process to ensure purity & superior quality
- · Unique rib pattern that provides best bonding with cement



Cut-to-Length HR sheets available in wide variety of sizes and grades



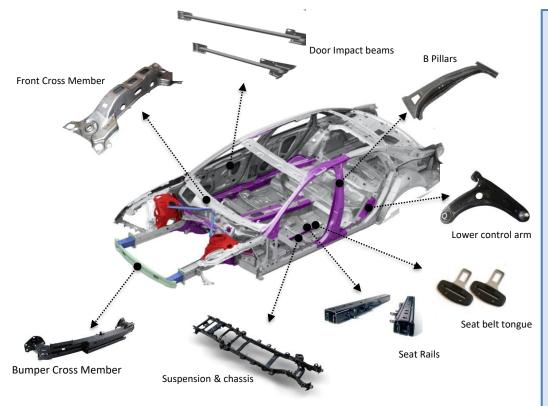
 Steel doors designed to overcome the common issues associated with wooden doors like seasonal door jams, fire, termites and heavy-handed installation process



3

JSW Steel: Making Cars Safer for You





Focus on safer, lighter and fuel efficient cars

- Indian automotive industry is evolving to adopt consumer demand for 5-star rated cars for safety
- JSW Steel is working closely with auto makers to make cars safer, lighter and fuel efficient
- JSW's AHSS (advanced high strength steel) with high tensile strength and optimum formability enables low cost product solution with clear edge over high cost materials such as Aluminium & Carbon Fibre, to achieve high safety ratings
- All major crash and safety components A & B pillars, cross-beams, door impact beams, etc. - are being built from JSW's AHSS steel
- JSW has also developed steel for suspension parts, which require optimum fatigue life in addition to high strength
- JSW Steel has become one of the preferred and leading suppliers to the automotive industry

4

Environment: Targets and Strategy

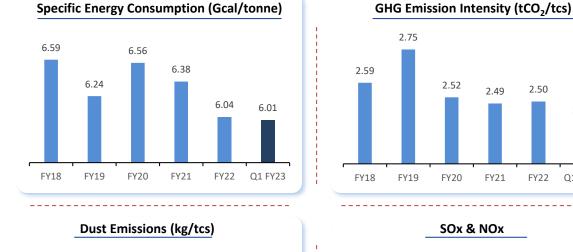


SD Targets	FY05	FY30 Targets Imp	rovement	Strategic Approach
Climate Go Change G	becific Energy Cal/tcs 6.94 HG Emissions 3.39 CO ₂ e/ tcs	5.65 1.95	19% 42%	 Transition from thermal to renewable energy Reduction of fuel rate in BF and DRI Increased use of scrap in steel making Energy efficiency and process efficiency improvements through BATs Process improvements based on the World Steel 'Step Up' global benchmarking process
Water	pecific water pnsumption (steel 3.60 roduction) (m ³ /tcs)	2.21	39%	 Maintaing zero liquid discharge across operations Installation of technology for reduction of fresh water in cooling towers Adopting digitalisation for better water control and monitoring
Waste (Kg	ecific Waste NC g/tcs) aste Recycled (%) 62	677 100	- 38pp	 Integrated Strategy towards efficient waste management Focus on 'Zero waste to Landfill' Promoting Circular Economy
Air • Sp Emissions er	pecific process dust _{0.93} nissions (Kg/tcs)	0.26	70%	 Adoption of best avialable technologies like MEROS in sintering , Oven pressure Control technology and CDQ in Coke Plants, TRT's in BF SOx & NOx emission targets for FY30 have been revised to 0.82 kg/tcs and 0.91 kg/tcs respectively
	odiversity at our _ perating sites	Achieve 'no net loss' of biodiversity		 Continue to enhance Biodiversity at all our locations and operations to acheive 'no net loss' Increase green cover across operations

NC: Not comparable.

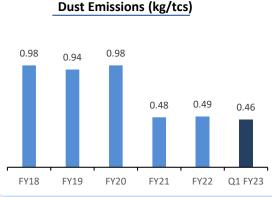
Environmental Performance 4

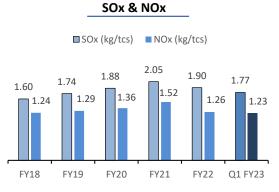




Specific Freshwater Consumption (m³/tcs)









٠ JSW Steel Corporate Presentation: August 2022

Note: All nos. are weighted averages for JSW Steel's integrated steel plants at JSW Steel standalone.

2.50

FY22

2.40

Q1 FY23

• Q1 FY23 data are yet to be third party assured.

Sustainability Initiatives & Recognitions



Initiatives

lives

225 MW of Renewable Energy

Solar power supply from 225MW commenced at Vijayanagar, as part of the 958MW renewable energy contracted



Steel-Slag Sand plant at VJN

Commissioned 0.30 MTPA capacity low cost eco-friendly Steel-Slag Sand plant which is one of its kind in the world



Emission Control Equipment

Redesign of emission control equipment to reduce dust emission and improve ambient air quality at Dolvi

Sludge Dewatering

Filter Press Installed in Sponge Iron Plant for Dewatering of sludge, and onward utilization in sinter-making at Dolvi





CDQ system installed at Dolvi

Coke Dry Quenching System installed to recover sensible heat of hot coke, reduce energy consumption and improve quality of coke

Solar & Biofuel at Salem

- Solar: Installation of rooftop panels
- Biofuel: Started use of Wooden Briquettes as a partial replacement for steam coal in power plant





Sustainability Initiatives & Recognitions



Recognitions



NIKKEI Asia

statista 🔽

Recognized as Climate Leader

Nikkei Asia and **Financial Times** have recognised JSW Steel as one of the Climate Leaders Asia-Pacific 2022





<u>Shift: Decisions for a Net Zero World</u> book features case study of JSW Steel's innovative process for converting steel slag to sand



Golden Peacock Award for CSR - 2021



CLIMATE LEADERS

Asia-Pacific 2022

The Economic Times Sustainable Organization - 2022



For the 4th consecutive year JSW Steel recognised as a Sustainability Champion by World Steel Association, for its contribution in 2021



JSW Steel signed the Worldsteel Sustainability Charter The new Charter reflects the industry's increasing focus on sustainability and its responsibility to generate positive impacts on people, planet, and society.



THE INTERNATIONAL EPD® SYSTEM



Eco Labelling and Certifications

Environmental Product Declarations (EPDs) for all finished steel products

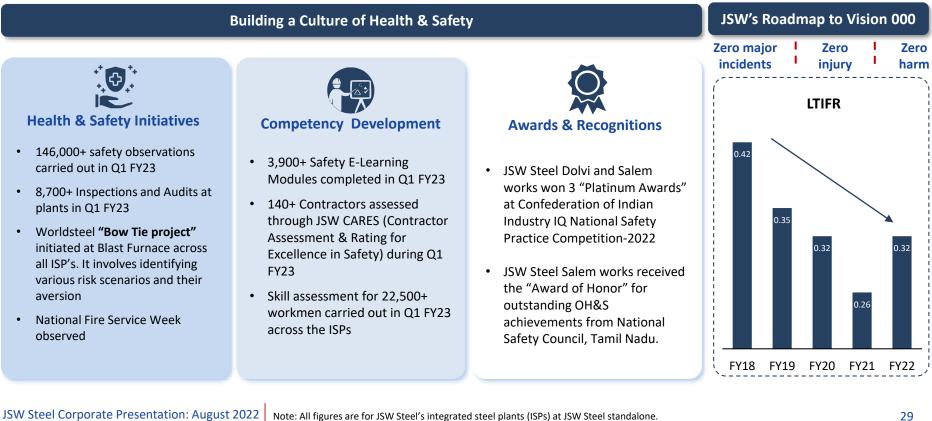
GreenPro certification for TMT rebars (JSW Neosteel)





Vision to achieve 'Zero Harm'

JSW is committed to providing a safe and healthy working environment and achieving an injury- & occupational illness-free workplace







Supporting Innovations in Circular Economy



Offsetting Plastic and Generating Livelihoods





- In partnership with EcoKaari, JSW Foundation has committed to upcycling more than 4,000 kgs of waste plastic every month
- Project aims to empower communities with sustainable solutions and livelihoods

JSW Smart Shaala



- Program to improve learning outcomes of children, implementing an innovative solution to build strong foundations in Math & English at the primary level
- Targeting 14,000 schools for 1.4 million children in 6 districts (Raigad, Ratnagiri, Thane, Pune, Nagpur and Palghar) of Maharashtra

- JSW Foundation along with H&M Foundation, Social Alpha and Saamuhika Shakti have joined hands to support technology-based solutions
- The initiative provides funding to startups that are inclusive, efficient and innovative in their approach to preserve both our planet and our people
- The winners of the challenge have been announced and onboarded with pilots to start in Vijayanagar and Dolvi

Strong Board and Experienced Management Team





JSW-JFE partnership

Partnership overview

- 14.99% minority stake bought by JFE in 2010
- Access to cutting edge technologies
- Operational excellence for cost reduction
- Balance Sheet deleveraging to support growth

Technology agreements benefits:

- ✓ Access to fast growing auto steel market
- Technical know-how for electrical steel manufacturing
- Short learning curve \checkmark
- Application engineering
- New product development
- Benchmarking and personnel training

Other benefits:

- Improvement in quality, productivity, yield, energy efficiency
- ✓ Sharing best maintenance, environment and safety practices
- Benchmarking, training and talent sharing \checkmark
- Standardization of processes



and Group CFO

Executive Directors



Jayant Acharya Deputy Managing Director

Sajjan Jindal

Independent Directors

Nominee Directors



Seturaman Mahalingam CA, Ex-CFO of TCS, Ex member of Tax Admin. Reform Commission



Dr. Punita Kumar Sinha Former CIO at The Asia



Harsh Charandas Mariwala Chairman of Marico, Chairman and MD of Kaya



37 years of experience in resources and energy

40 years of experience as a

diplomat, Ex-Foreign Secretary

Nirupama Rao

of India

Ms. Fiona Jane Mary Paulus investment banking, risk mamt.

Dr. M.R. Ravi, IAS Nominee Director KSIIDC



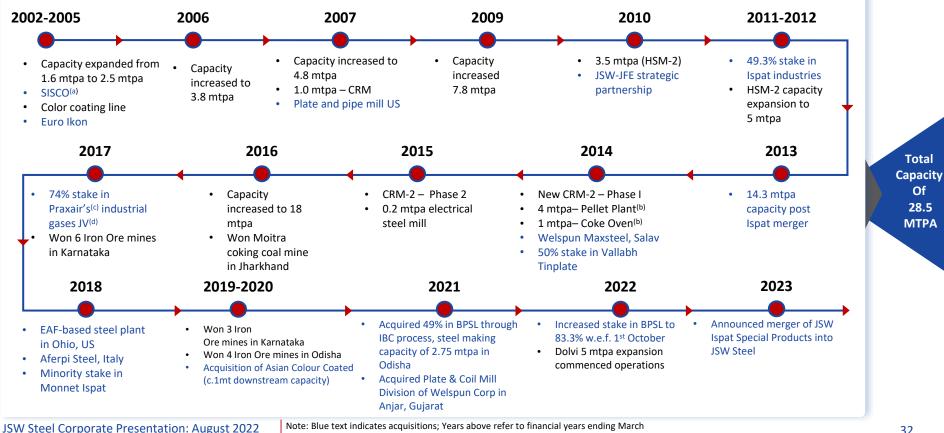
Hirovuki Ogawa Nominee Director of JFE Steel Corporation

JSW Steel Corporate Presentation: August 2022

Proven Track Record of Efficient Organic and Inorganic Growth 6



Combination of organic and inorganic growth

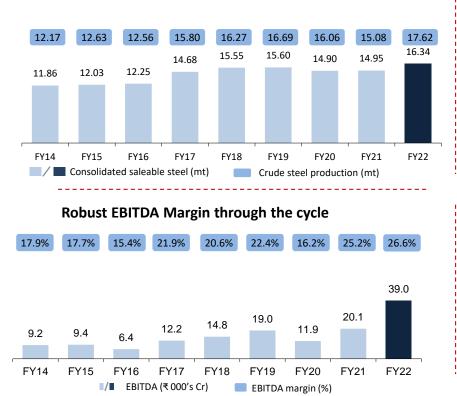


(a) Southern Iron and Steel Company (b) Amba River Coke Limited (c) Praxair India Private Limited (d) JSW Praxair Oxygen Private Limited

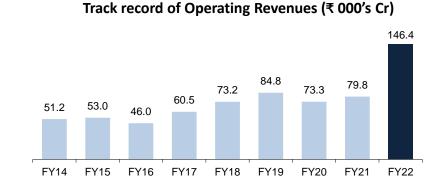
32

Prudent Capital Allocation: Strong Financial Growth

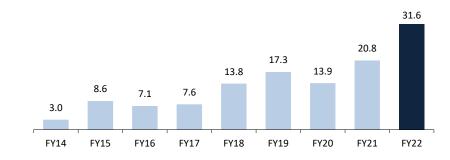




Strong track record of volume growth

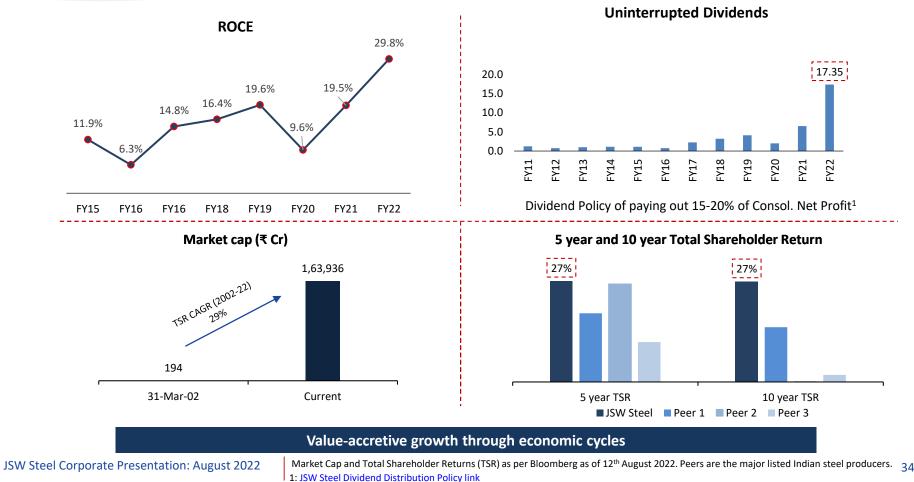


Cashflow from Operations (₹ 000's Cr)



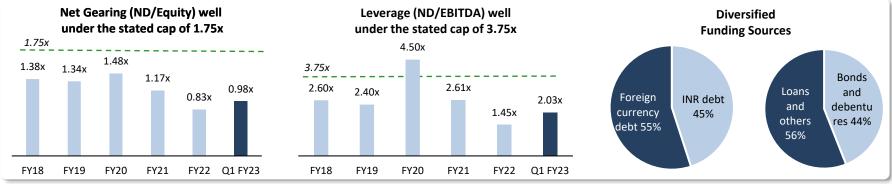
Prudent Capital Allocation: 10 Year TSR CAGR of 29%, and Uninterrupted Dividends





Strong Balance Sheet and Access to Diversified Funding Sources Globally





Strong Liquidity and Credit Ratings

- Cash and Cash equivalents of ₹9,789 crore
- Credit Ratings:
 - International: Moodys: Ba1 (Positive outlook), Fitch: BB (Stable outlook)
 - Domestic: ICRA: AA (Stable outlook), IndRa: AA (Stable outlook), CARE: AA (Stable outlook)

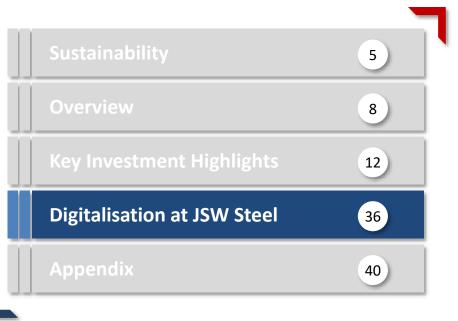
Debt Profile

- Access to diverse pools of liquidity. Strong relationships with domestic and international banks and financial institutions
- Net Gearing and Leverage well under stated caps of 1.75x and 3.75x, respectively
- Successfully raised US\$3.69bn through global bond markets since 2014
- Issued global steel industry's first USD Sustainability Linked Bond in September 2021

Agenda

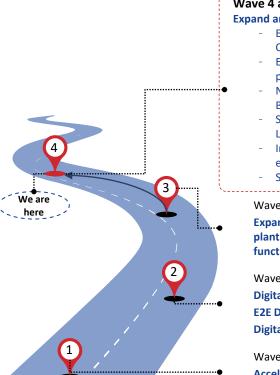






Digitalization: JSW's Approach & Impact Created





Wave 4 and Digital Vision-2025 Expand and scale Digital to best-in-class:

- Enhance Sales, Marketing, Customer service and eCommerce
- Existing plants Continue digital projects
- New plants ACCIL, JSW-ISPL, JSW-BPSI
- Support functions HR, Finance, Logistics, Commercial
- Integrated Control Tower (ICT) extension to other functions
- Sustainability led R&D

Wave 3

Expanding the art of possible to E2E plant Digitalisation and other functions

Wave 2

Digitalisation of procurement E2E Digitalisation of single mfg shop Digital in large project management

Wave 1

Accelerated implementation of select use cases across value chain







Created

Employees engaged in the digital journey

Digital lighthouses and projects

Guiding principles behind Digitalisation



Continuous

improvement

• Fail-fast approach

• Discreet problems

Value lens

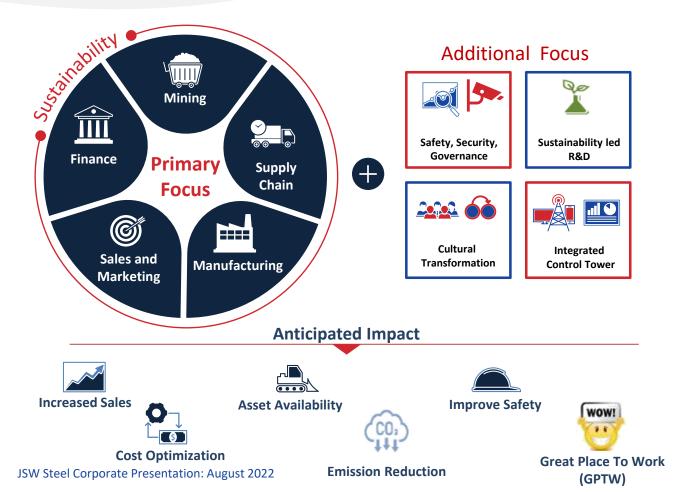
- ROI key to investment
- Safety added focus
- Customer, Supplier &
- **Employees Experience**



- Nurture inhouse talent
- Promote Horizontal deployment
- PMO & Governance

JSW's Digital Focus Areas





Technologies Used

Core Systems (SAP, SalesForce, Microsoft Azure, DarwinBox), IoT, AI/ML, Analytics, Cloud/Edge Computing, RPA, Intelligent Cameras → Leveraging JSW Digital team, Tech Partners and Startup ecosystem

End-to-End Functional Transformation focus

From point projects to E2E Transformation approach enabled by platform-driven strategy



Data Science and IoT Skilling, Tech sessions, Online courses, Symposiums enabled through Cultural Transformation efforts

Successful Digital Initiatives for Safety and Sustainability





CRM-2: Dross Cleaning Robot for Productivity and Employee Safety

- Zinc dross in coated steel plants is valuable from financial and safety perspective
- Robots enhance the efficiency and precision in dross pick-and-place operation

Logistics: Multi-control Remote Operation from Loco at JSW Vijayanagar

5 in 1 Unique Remote: First time in the world

- Loco movement
- Route setting
- Auto signal/ siren
- Boom Barrier operations
- Coupling/ Decoupling with Torpedo

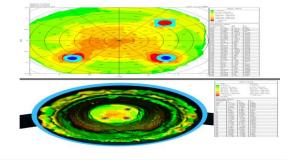


SMS: Flare Stack Thermal Imaging

Thermal cameras to remotely monitor the temperature of flare from safety and reuse of energy perspective

Laser Scanner for LF Ladle

Laser scanning in ladles improves safety and extends Steel ladle life



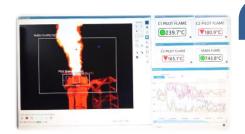
Other Key Initiatives

Steel Ladle Tracking System

Prediction modelling based tracking system in SMS Ladle furnace area to track and optimize casting speed through maintaining super heat temperature

PPE Violation Detection System

PPE Violation detection system helps to find out the PPE violators and improves safety by PPE adherence



JSW Steel Corporate Presentation: August 2022

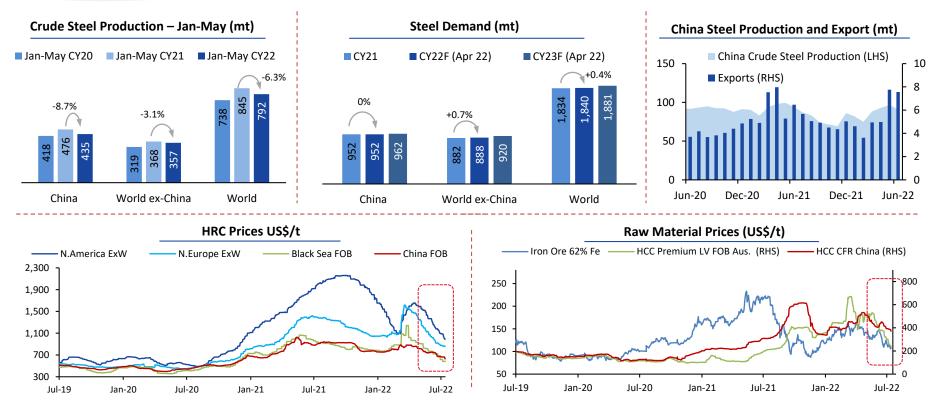






Global Steel



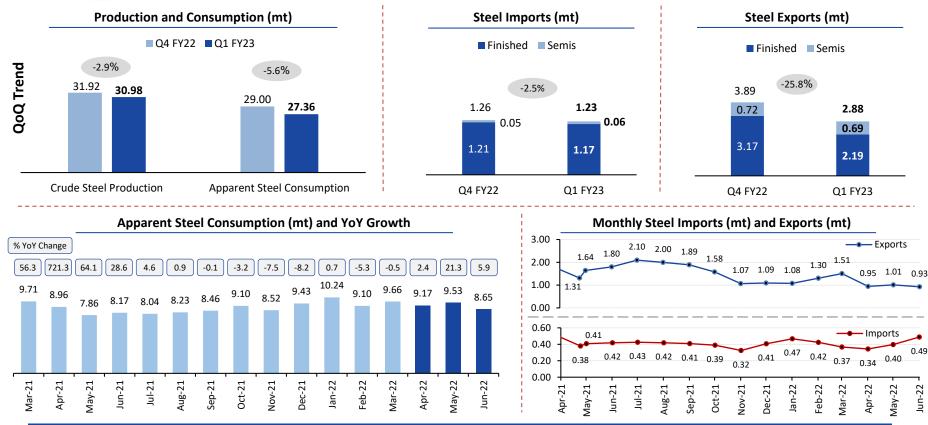


Raw material price correction lagging the fall in steel prices

JSW Steel Corporate Presentation: August 2022 Source: World Steel Association (WSA), Bloomberg, Platts and NBS China.

Indian Steel





High energy costs and supply chain disruptions impacting steel demand and prices

JSW Steel Corporate Presentation: August 2022 Source: Joint Pla

Source: Joint Plant Committee

FY23 – Key Strategic Priorities & Outlook



- Committed to Sustainability targets with focus on 5 key areas: Climate Change, Water Security, Waste, Air Emissions, Biodiversity
- Maintain healthy margins despite challenging external environment:
 - Leverage low conversion cost advantage
 - Optimise raw material costs by increased usage of Odisha captive ore and optimum blending of coking coal
 - Continued focus on value-added and special products
 - Remain nimble and adapt to evolving market scenario
- Realise full benefits from 5mt Dolvi-II expansion, BPSL expansion, and expanded downstream capacities
- Focus on delivering next phase of growth: value-accretive 5mtpa brownfield project at Vijayanagar
- Continued focus on adoption of Technology and Digitalisation to create value and drive sustainability
- · Committed to maintaining a strong balance sheet and credit ratings

Continued focus on creating shareholder value

JSW Steel Corporate Presentation: August 2022

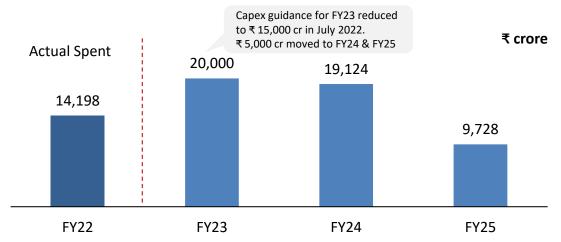


All fig. in million metric tonnes

	FY23	
Particulars	Crude Steel Production	Sales
Consolidated Indian Operations	23.60	22.60
Joint Control Entity:		
JSW Ispat Special Products Ltd.	0.70	0.70
Indian Operations incl. Joint Control	24.30	23.30
JSW Steel USA Ohio	0.70	0.70
Total Combined Volumes	25.00	24.00

Annual Capex Update





Particulars	₹ Cr
Unspent Capex including creditors & acceptance	
Sinter plant and other facilities to support 5mtpa expansion at Vijayanagar ¹	
LRPC ² and Other Projects	1,401
Sustenance Capex	4,704
Sub Total	44,364
BPSL: Expansion from 2.75mtpa to 5mtpa in 2 phases & Sustenance Capex	
Total	48,852

JSW Steel Corporate Presentation: August 2022 1: At JSW Vijayanagar Metallics Ltd. (JVML) 2: Low Relaxation Pre-stressed Concrete Steel strands

Key Project Updates - Vijayanagar



5mtpa brownfield project

- Long lead-time items ordered, Letters of Credit established
- Construction activities for all packages underway
- Project to be completed by FY24

Coke Oven Plant

- 1.5 mtpa Coke Oven battery: Commissioning in phases from Q2 FY23
- Capacity enhancement of further 1.5 mtpa to support the 5 mpta steelmaking expansion. Phased commissioning in FY24

CRM-1 & Colour coating lines

• All facilities relating to expansion of CRM complex and Colour coating line commissioned



5mtpa expansion: Blast Furnace under construction

Key Project Updates – BPSL



Phase-I expansion to 3.5 MTPA (By Q2 FY23)

- EAF Modification: Completed in Q4 FY22
- Caster Modification: Commissioned in Q1 FY23
- Sinter Plant-2: Commissioned in July 2022
- SMS modification in advanced stage



Sinter Plant-2 at JSW BPSL

Phase-II expansion to 5 MTPA (By FY24)

- Long lead-time items ordered (New wire rod mill-2 and SMS-2, BF-1 & 2 PCI upgradation)
- Civil work & Structural Erection work in progress in New wire rod mill-2 and SMS-2 Project
- Project to be completed by FY24.



SMS-2 at JSW BPSL

Key Project Updates – Downstream



Downstream projects

- 0.5mtpa Continuous Annealing Line at Vasind
 - To be commissioned in July 2022
- Second Tinplate line of 0.25 mtpa at Tarapur
 - $\circ~$ To be commissioned in July 2022
- 0.25 MTPA Colour Coating line at Rajpura, Punjab
 - $_{\odot}$ $\,$ To be commissioned in Q4 FY23 $\,$
- 0.12 MTPA Colour Coating line in Jammu & Kashmir
 - $\circ~$ To be commissioned in Q1 FY24 ~



Second Tinplate line at Tarapur

Case study: Turnaround Strategy at JSW Ispat's Dolvi plant



JSW Steel has a proven track record of identifying, acquiring and integrating assets creating synergies and optimizing costs

December 2010	Completed initiatives – FY2011 – 2015	FY2016 – 2017	FY2018 – 2022
 Plant under maintenance Loss making at EBITDA level High interest cost Financially distressed 	 Infusion of equity Alignment of marketing strategies resulting in freight synergies and VAT benefits Reduction of high cost working capital funding Refinancing of existing debt Electricity sourcing from JSW Energy at 	 Capacity expanded to 5 mtpa Diversified product offering from Flat steel only to mix of Flat and Long steel 	 Capacity increased to 10 mtpa from 5 mtpa Major facilities setup include: 4.5 mtpa Blast furnace with 5 mtpa Steel Melt Shop 5 mtpa Hot Strip Mill
	 competitive prices Commissioning of 4 mtpa pellet plant, 1 mtpa coke oven, waste gas based 55MW power plant, railway siding, and lime calcination plant 		
 Inability to service existing debt Inadequate cashflows Corporate debt restructuring (CDR) case 	 Exit from CDR Generating positive profit after tax 	 Stabilized/ ramped-up the expanded capacity 	 Integrated Steel production commenced and ramp up is under way

Able to leverage an acquisition to maximum value accretion through application of knowledge and experience

Awards & Recognitions



2015

"National Award for Supply Chain and Logistics Excellence" under the steel industry category by the Confederation of Indian Industry

"Industry Leadership Award" in steel, metals and mining at Platts Global Metals Awards Mr. Sajjan Jindal Chairman of World Steel Association

(2021-22)

First representative from India to

serve in this position

Our Steel is Helping Build Key Infrastructure in India



Solar Project: Contributed 9.1 GW / Wind Project: Contributed 620MW



Metro Projects: c.41km of metro project lines (Mumbai, Pune, Nagpur, Bengaluru, Ahmedabad, Chennai, Indore, Kochi & Delhi)

Water Pipelines: c.916 km of water pipelines across major projects

Oil & Gas Pipelines: c.1,020 km of pipelines across major projects



الضال

Railway Freight Corridors: c.217km of railway corridors (Mumbai-Haryana WDFC & Ludhiana-West Bengal EDFC)





High Speed Rail (Mumbai - Ahmedabad) c.90kT supplied



Expressways and Highways: Over 1,145km of roads. Over 121km of expressways (Dwarka, Purvanchal & Mumbai-Nagpur Samruddhi)

Sealinks and Bridges: Over 219 km of major projects (Trans-Harbour Nhava Seva Link-Mumbai, Zuari river eight lane bridge- Goa & Nadia Bridge- West Bengal)



Nuclear Power Plants: Supplied for Kudamkulam, Tarapur, Kakrapar Power Projects



ISRO & Airports (Bangalore, Pune, Chennai, Hyderabad, Goa, Gujarat) **BETTER EVERYDAY**



THANK YOU

Investor Relations Contact: ir.jswsteel@jsw.in