

## एन एम डी सी लिमिटेड NMDC Limited

(भारत सरकार का उद्यम) (A GOVT. OF INDIA ENTERPRISE)

पंजीकत कार्यालय : 'खनिज भवन', 10-3-311/ए, कैसल हिल्स, मासाब टैंक, हैदराबाद - 500 028. Regd. Office: 'Khanij Bhavan' 10-3-311/A, Castle Hills, Masab Tank, Hyderabad - 500 028. नैगम पहचान संख्या / Corporate Identity Number : L13100AP1958 GOI 001674

September 3<sup>rd</sup>, 2016

BSE Limited

Phiroze Jeejeebhov Towers

Dalal Street

Mumbai 400 001

Scrip Code: 526371

The National Stock Exchange of India Limited

Exchange Plaza, 5th Floor, Plot No. C/1,

NSE Symbol: NMDC

The Calcutta Stock Exchange Limited

7, Lyons Range, Kolkata - 700001

Scrip Code: 24131

G - Block, Bandra Kurla Complex. Bandra East, Mumbai Mumbai 400 051

Sub:- Intimation of Schedule of Analyst/Institutional Investor Meet for NMDC Limited ("Company").

Ref:- Regulation 30 and Regulation 46 (2) of the Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements) Regulations 2015.

Dear Sir,

In terms of Regulation 30 and Regulation 46 (2) of the Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements) Regulations, 2015, as amended read with corresponding circulars and notifications issued thereunder, it is hereby informed that the Company will be participating in a non-deal roadshow and shall be meeting prospective investors. The meeting details will be uploaded subsequent to the meetings scheduled to be held from September 5, 2016 to September 9, 2016 (both days inclusive).

A copy of the corporate presentation for the road show is attached. Furthermore, the corporate presentation is disseminated on the website of the Company at www.nmdc.co.in

This is for your information and records.

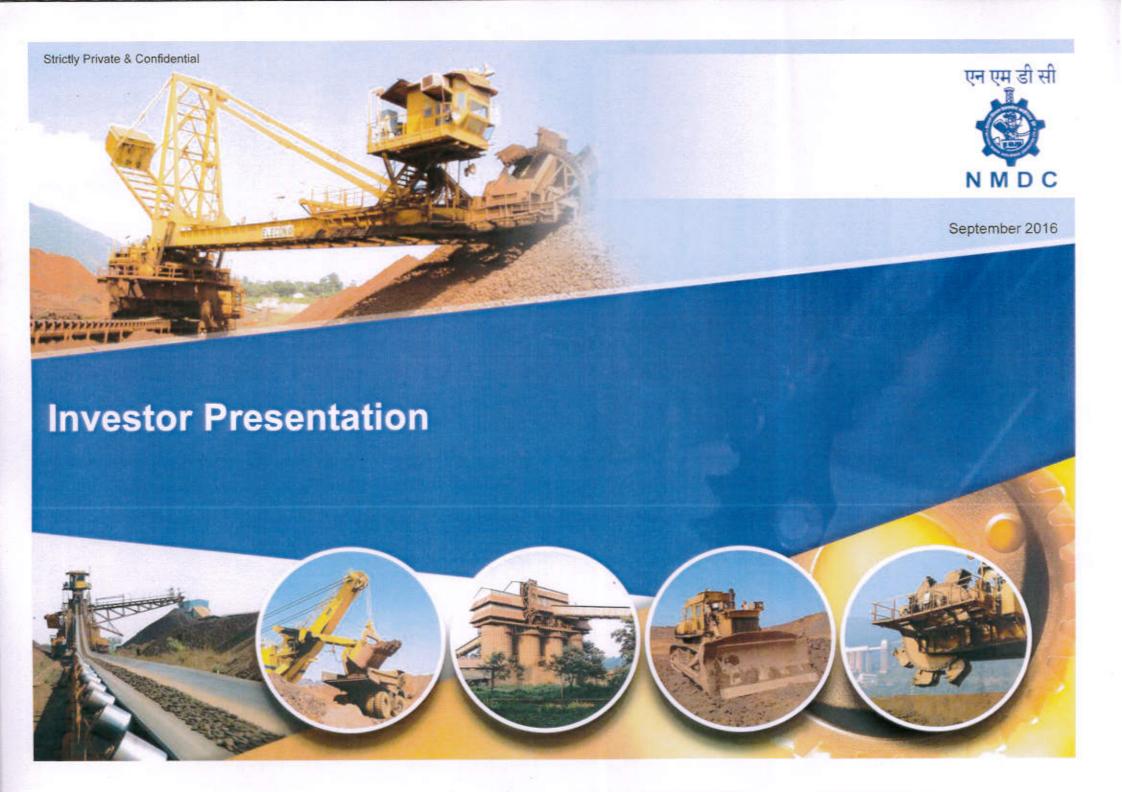
Thank you.

Yours sincerely,

For NMDC Limited

A S Pardha Saradhi Company Secretary

Encl: A/a



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## Disclaimer



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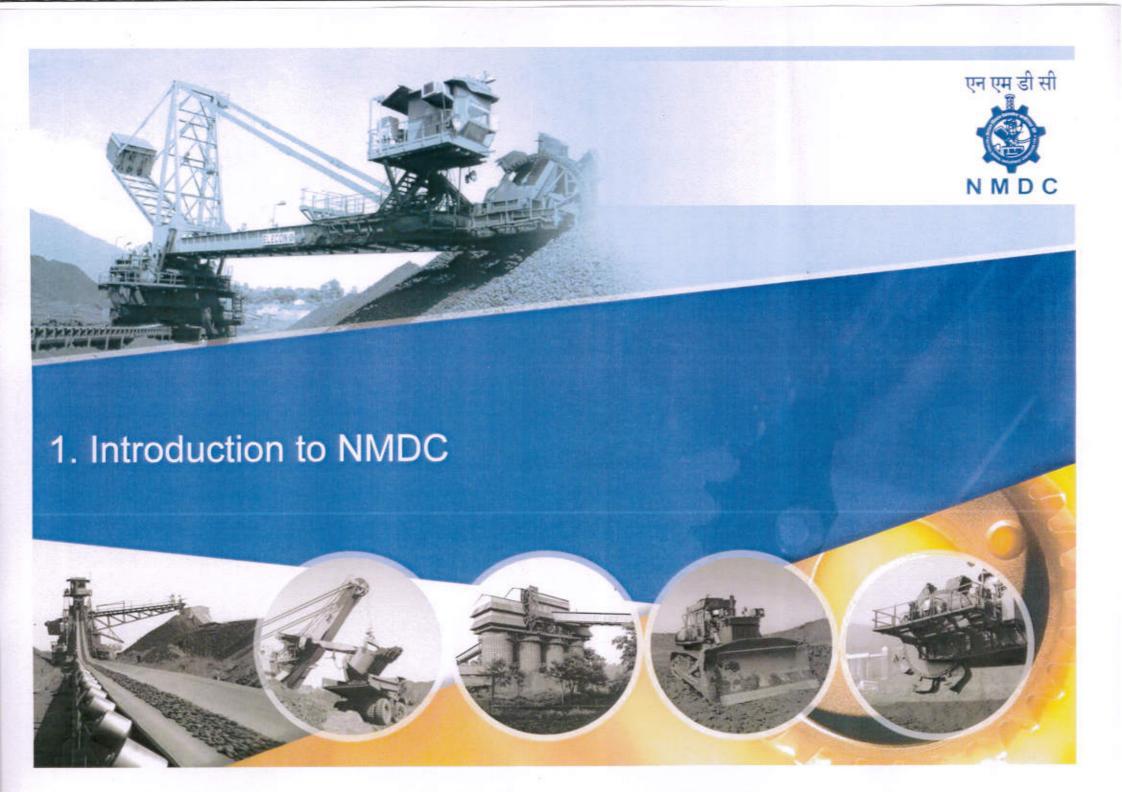
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## NMDC: Pioneer in the Indian Mining Industry



### Rich Heritage

- Over 55 years of experience
- · Consistent majority ownership of the Government of India for over 5 decades
- Classified as a 'Navratna' CPSE providing significant operational flexibility

### India's Largest Iron Ore Producer

- Production of ~29 MT in FY16
- Market share of ~18 % in FY16 (1)
- Iron ore resources of 2.299 bn tons (Hematite) as per UNFC (April 1, 2016) and resource of 1.586 bn tons as per JORC (April 2014)

### Large Asset Base

- Low cost iron ore producer
- Proximity of mines to key demand centres
- Access to reserves of high grade iron ore, predominantly greater than 64% Fe content

### Proven Track Record of Execution

- Has been involved in exploration and mining of various minerals such as iron ore, copper, limestone, dolomite, diamond, gypsum etc. since inception
- Track record of operationalizing mines and handing over to other public companies / developing into independent companies

### Strategic Management Plan to Drive Growth

- Focus on increasing iron mining capacity to 100MT
- Strengthen exploration and forward-integrate to value added business (Pellet / Steel)
- Invest in other geographies selectively based on growth potential and business environment

### **Strong Financials**

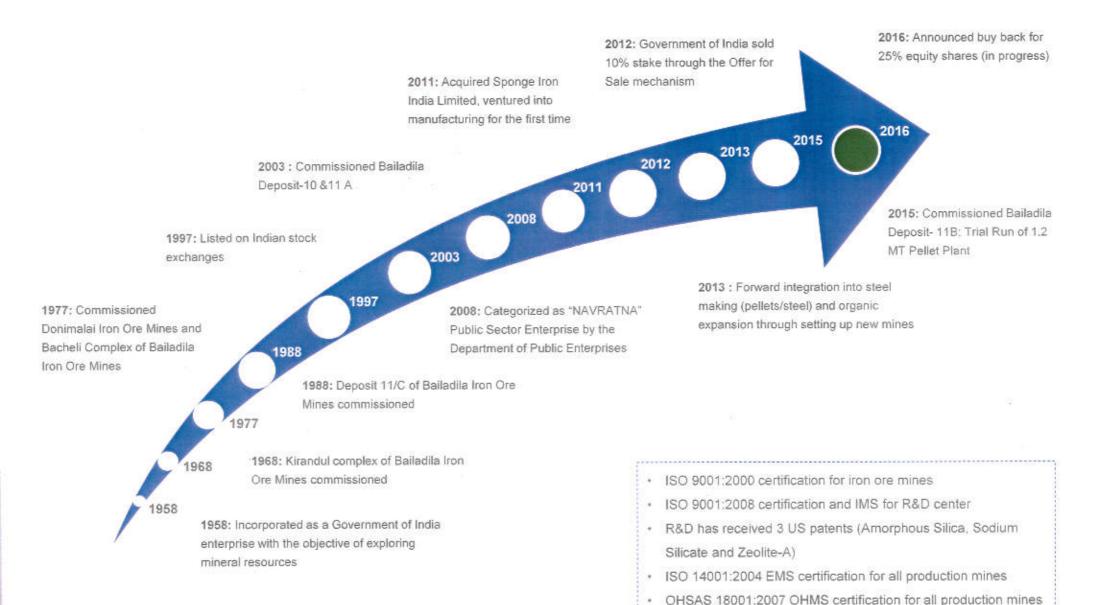
- Market Cap: INR 423bn
- FY16 Revenue: INR 65bn; FY16 Operating EBITDA Margin: 47.9%<sup>(2)</sup>
- FY16 Net Cash: INR 133.1bn
- FY16 ROE: 9.4% (3); FY16 Dividend Yield: 11.2%

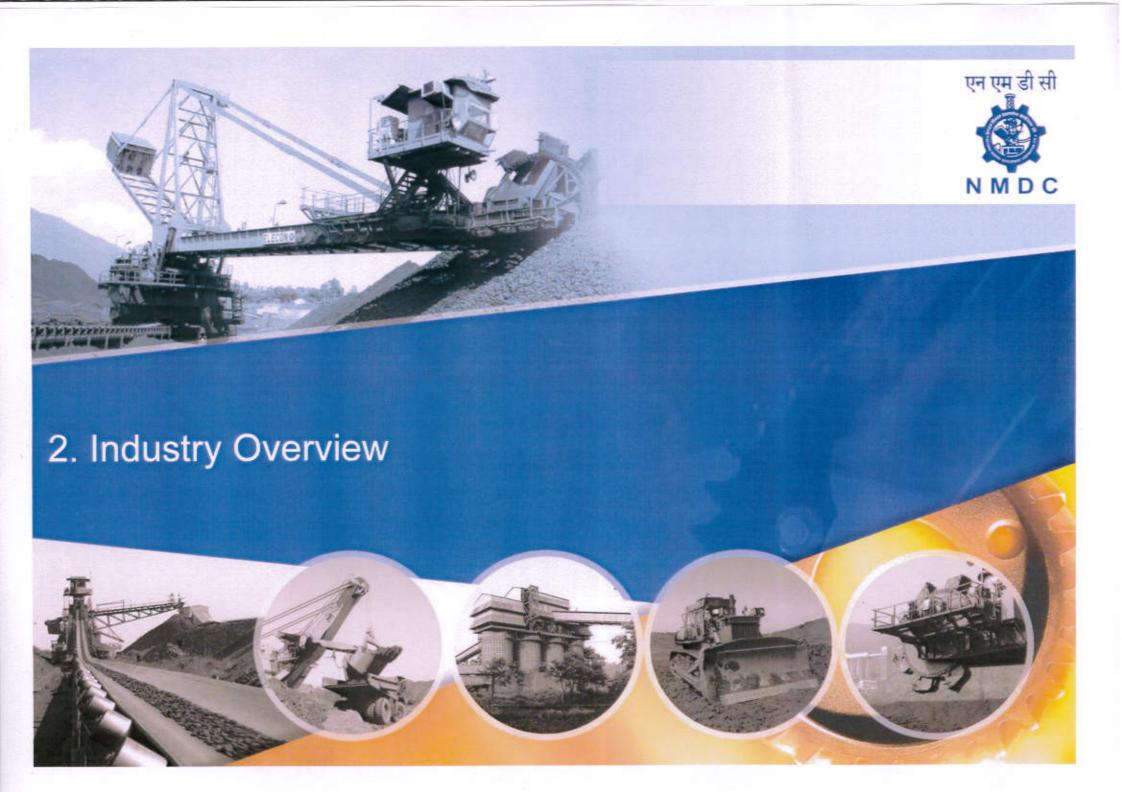
### India's Largest Iron Ore Producing Company with a Portfolio of World Class Assets

### Note

- 1. Based on iron ore production of 155 mn tons in FY16 for India
- 2. Earnings before Interest, Taxes, Depreciation and Amortization / Operating Income (excluding Other Income)
- 3. Net Income / Average Shareholders Equity for the current and previous year

# NMDC: Over 55 Years of Experience in the Mining Industry

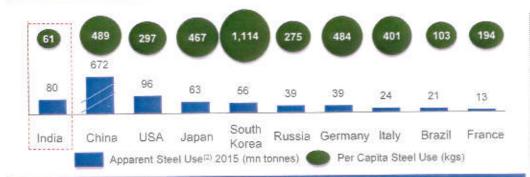




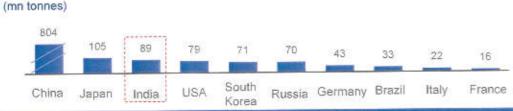
## Positive Outlook for the Indian Steel and Iron Ore Sectors



## One of the Largest Users of Steel but Low Steel Penetration Levels(1)

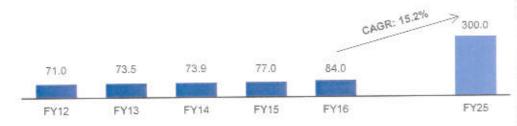


### 3rd Largest Producer of Steel (CY15)(3)



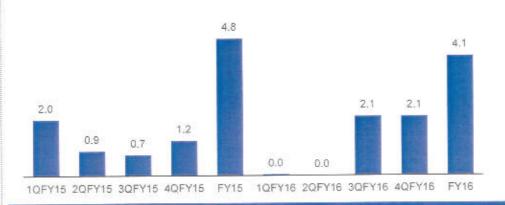
# India Steel Consumption is Expected to Grow at a CAGR of 7.0% - 8.1% over the next 9 years<sup>(4)</sup>





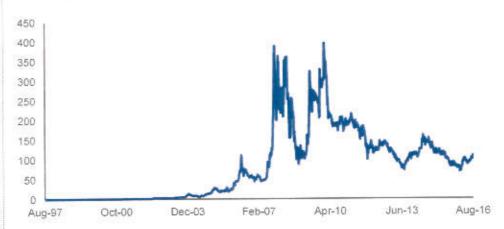
## Indian Iron Ore Exports Continue to Build up in 2016...

### Iron Ore Exports (mn tonnes)



### Iron Prices have Rebounded ~58% from December 2015 lows (5)

### Iron Ore Spot Price for 62% Fe grade (US\$ / MT)



Despite being the 3rd largest finished steel user in the world, there is a huge potential for growth as steel penetration is significantly low

Notes: 1. World Steel Association. 2. Apparent steel use is defined as sum of net industry shipments within a given country, plus its imports minus exports. 3. World Steel Association. 4. World Steel Association. 4. World Steel Association. 4. World Steel Association. 5. Bloomberg.

# Introduction of Key Reforms to Spur Growth



Steel Industry specific Reforms

> Important Initiatives

> Launched





### Minimum Import Pricing (MIP):

 Imposed in February 2016 on 173 steel products, originally valid for 6 months and further extended to October 2016 on 66 products

### Safeguard duty:

- 20% to be imposed effective September 2016 on HR (hot rolled) coil imports of 600 mm and above for a period of 200 days
- Safeguard duty of 10% imposed on HR sheets / plates with a progressive decline to 6% over a period of 18 months



### Anti-dumping duties:

 Imposed on HR flat products of alloy or non-alloy steel' import from China, Japan, South Korea, Russia, Brazil and Indonesia till February 2017



- Reduction in export duty to nil from 30% for low-grade iron ore and to 10% for higher-grade iron ore
- Removed dual freight policy on exports in addition to removal of surge freight charges



'Make in India' campaign — US\$ 650 bn investments in urban infrastructure estimated over the next 20 years



Delhi Mumbai Industrial Corridor (DMIC) – Planned across seven states with the Western Dedicated Freight Corridor as its backbone



100 smart cities and 500 AMRUT(1) cities -Investment of US\$ 2 trillion in the next 5 years



Constitutional amendment bill for a unified Goods & Services Tax ("GST") targeted to be implemented by 2017



Railways: Investment of over US\$ 140 bn envisaged over the next 5 years



Housing for All movement by 2022 aimed for urban areas with INR 1 lakh designated per house under the slum rehabilitation scheme



Planned construction of Smart Ports to connect 12 smart cities with maritime hubs



Ujwal DISCOM Assurance Yojana (UDAY) - restructuring plan for structural improvement of state distribution companies



Development of six military stations (first phase) into Smart Armed Force Stations (SAFS)

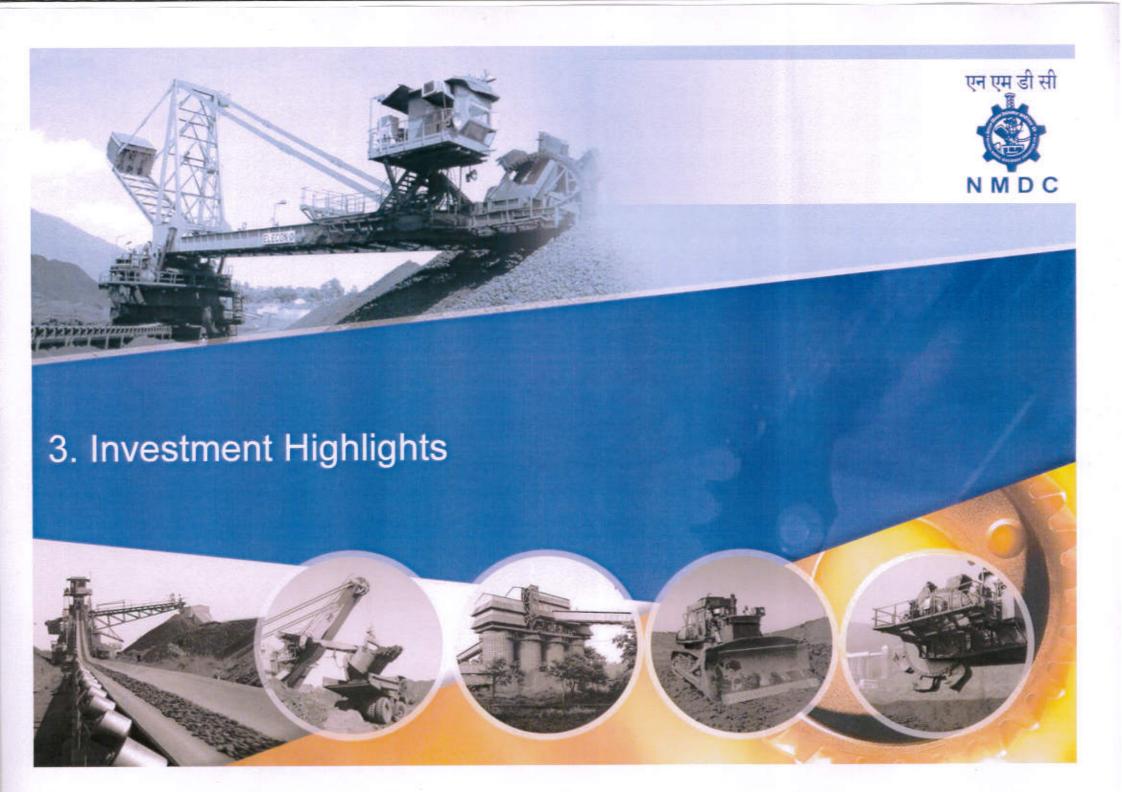


The Government expects to award a total of 45,000 kms of roads with total investment of USS98bn in the next 5 years



Steel Research and Technology Mission of India (SRTMI) established to spearhead R&D activities of national importance

Pro-development central government is introducing key reforms and initiatives to provide an impetus to growth



## **Key Investment Highlights**



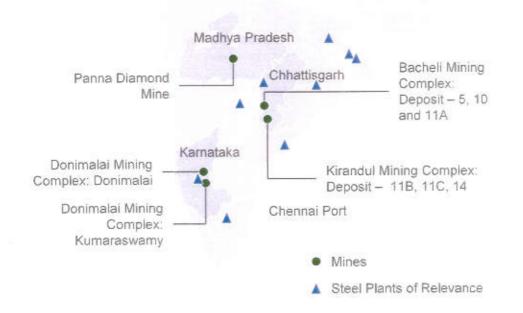


# A Largest Producer of Iron Ore in India



FY16

### Principal Mining Facilities Strategically Located in Close Proximity to Key Demand Centres



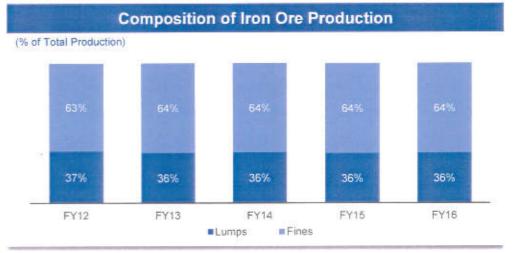
### 

FY14

■Karnataka(1) ■ Chhattisgarh (2)

FY13

FY15



In FY 2015-16, NMDC achieved production of 28.57 MT and sales of 28.84 MT

FY12

<sup>1.</sup> Includes the Donimalai mining complex

<sup>2.</sup> Includes Bacheli and Kirandul mining complexes

# **B** Large Asset Base



## Iron Ore Reserves and Resources of NMDC

Iron Ore Tenement	Total R	acarvac	Reso	urces		d Total Resources)
Tion Ore Tenement	Total N	Fe% (Quality of	Need	Fe% (Quality of	(Madeires )	Fe% (Quality of
(Quantity in mn tons)	Quantity	reserves)	Quantity	reserves)	Quantity	reserves)
Chhattisgarh						
Bailadila Deposit - 5	265.86	67.75	103.12	58.06	368.98	65.04
Bailadila Deposit – 10	219.62	62.60	110.53	61.96	330.15	62.39
Bailadila Deposit - 11	246.25	65.77	129.13	65.16	375.38	65.56
Bailadila Deposit - 14	369.75	64.18	105.33	59.80	475.08	63.21
Bailadila Deposit - 14 NMZ <sup>(1)</sup>	136.99	65.21	67.10	62.99	204.09	64.48
Sub total - Chhattisgarh	1,238.47	65.10	515.21	61.67	1,753.68	64.09
Karnataka						
Donimalai(1)	107.05	64.64	17.00	61.50	124.05	64.21
Kumaraswamy	114.41	64.15	60.05	62.00	174.46	63.41
Sub total – Karnataka	221.46	64.39	86.05	61.85	298.51	63.74
Total Working Mines	1,459.93	64.99	601.26	61.70	2,052.19	64.04
Iron ore leases in JV with CMDC - NMD	C Share 51%					
Bailadila Deposit – 13	324.69	67,24	37.64	67.01	362.33	67.22
Bailadila Deposit – 4	107.59	65.39	14.50	65.45	122.09	65.40
Sub-total	432.28	66.78	52.14	66.58	484.42	66.76
NMDC's share	220.46	66.78	26.59	66.58	247.05	66.76
Grand Total	1,680.39	65.23	627.85	61.91	2,299.24	64.33

>64% Fe content Better reserves of high grade iron ore

2.299 bn tons Total iron ore reserve & resource base 36% Lumps
Concentration
in FY16

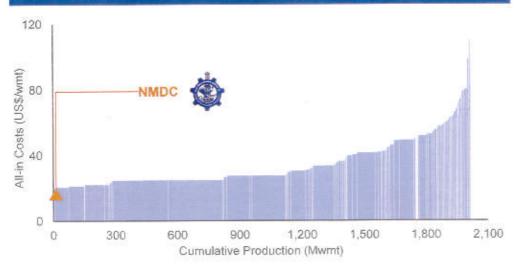
Source: Iron ore reserves and resources as per UNFC (April 1, 2016).

(1)The updated Reserves/Resources with grade of Bld. Dep.14 NMZ and Donimalai Mines are yet to be approved by IBM

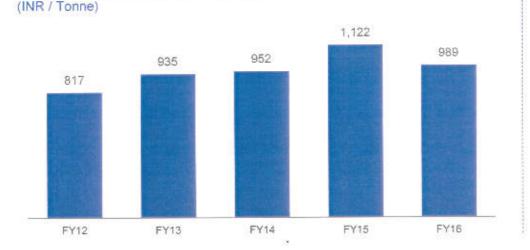
# © Low-cost Producer of Iron Ore



### One of the Lowest Cost Structure in the Industry (1)



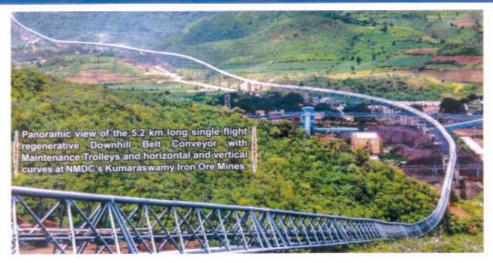
## NMDC has seen a Reduction in Cost per Ton since FY15 (2)



### Factors Enabling Low Cost of Production of NMDC

- · Highly mechanized mines leading to lower wastage
- Proximity of expansion projects to existing mines enabling utilization of existing infrastructure
  - Lesser investment cost
  - Fungibility of resource pool
- Cost management through cost centre wise monitoring and control practices, leading to greater operational efficiency and logistics planning
- · Stability / predictability of certain expenses
  - Wage increases governed by periodic long term settlements
  - Long term arrangements/contracts with OEMs for maintenance of HEMs
  - Outsourcing of non-core services
- Access to relatively large talent pool in India
- · High grade of ore and low stripe ratio

## **Technological Innovations**



- Source: Wood Mackenzie.
- Cost per ton = (Total expenses (excluding exceptional items) finance cost Selling expenses including freight)/ Production (tonnes).

# Strong Domestic and International Customer Base

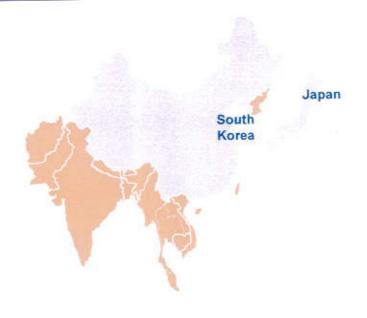


## **Key Domestic Customers**



- Currently NMDC meets 50%–60% of total iron ore requirements of its customers
- Domestic supply contracts are generally for a duration of 5 years
  - The quantity allocation is done annually
  - Prices are fixed mainly on monthly basis based on market dynamics
- Prices are adjusted based on change in Fe content of ore supplied
- Domestic sales are on "Free on Rail"/Free on Truck basis
- · Price discovery through e-auction

## **Key International Customers**



- Long term contract key international customers
- Exports to Japanese/South Korean steel mills are through MMTC which is the canalising agency under long term contracts
  - Prices are fixed quarterly
- Export sales are on "Free on Board" basis with the Company required to pay the costs of rail freight, port charges and export duties etc

# Strong Management and Government of India Parentage



### Bharathi S. Sihag

Chairman and MD

Varied experience as a senior IAS Officer

- Held various administrative positions in the areas of Revenue Management & District Administration, Industries, Energy, Science & Technology
- Post Graduate and M. Phil in History from Delhi University and M.S. Degree from Cornell University, USA in Development Studies

### Dr. N.K. Nanda Director (Technical)

>27 years of experience in the mining industry

- Expert in the field of mineral processing, particularly beneficiation of low grade iron ore
- Completed his B.Tech. (Mining) from Indian School of Mining (ISM), Dhanbad and M.Tech. (by Research) from ISM. Dhanbad

### Dr. T.R.K. Rao Director (Commercial)

Key positions held in the Ministry of Railways

- Previously worked as consultant with World Bank
- Completed his Masters in Economic Policy Management from Columbia University

### P.K. Satpathy Director (Production)

>31 years of experience in the fields of iron ore and copper mining

- Previously General Manager of BIOM, Kirandul Complex. Chhattisgarh
- Bachelor of Engineering (Mining) with 1st class Mine Manager Certificate of Competency

### Devinder Singh Ahluwalia Director (Finance)

Served at various levels in NHPC for 25 years and REC for 8 years

- Previously held the position of Executive Director (Finance) in Rural Electrification Corporation Limited (REC) for 8 years
- Completed his Bachelor of Commerce (Hons.) from Delhi University and is a certified cost accountant

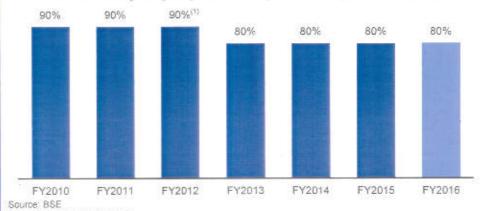
### Shri Sandeep Tula Director (Personnel)

>33 years of experience in Personnel Management

- Joined NMDC as General Manager (P&A) in 2013 from SAIL
- Post Graduate Diploma in social work from Kolkata University

### Strong Gol Support

- Government of India owns 80% stake in NMDC
- Consistently majority ownership over the past five decades



OFS completed in 2012.

FPO completed in March 2010 (Goll had 98.98% stake in December 2009)

### Awarded 'Navratna' Status in 2008

## **Numerous Awards and Recognition**



"National Safety Award(Mines)"



"Platts Global Metal Awards 2015"



"Top PSU Award 2015"



"Top Indian Company Award 2015 under the sector Mining -Metals & Minerals category"



"Most Efficient Navratna of the year-2015"



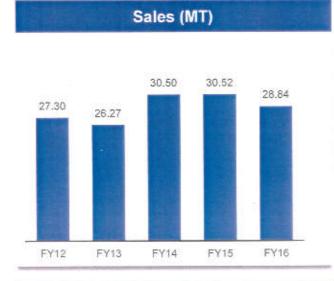
"Udyog Ratna Award

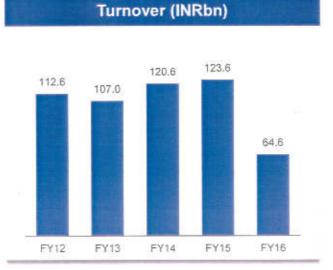


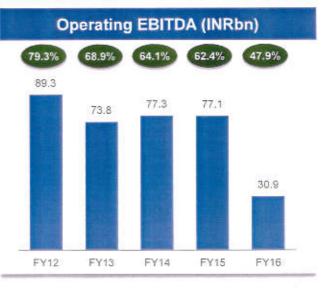
Greentech Environment & CSR Awards 2015

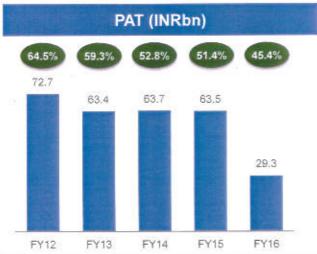
# Robust Financial Performance

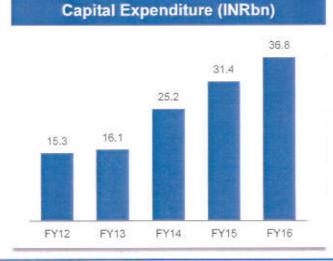














Despite challenging marketing conditions, NMDC achieved high operational excellency in FY16 with a capacity utilization of 89%. Majority of the decline in revenue and profitability attributed to a decline in global iron prices (Average iron ore price of US\$52.4 per ton in FY16 vs US\$81.8 in FY15 (62% Fe) (2)

Margins (%)



Dividend Yield = Dividend per share / share price as on 31st March of the corresponding financial year.

# F Superior Corporate Governance Standards and CSR Initiatives

### **Corporate Governance Standards**

Committee	Members	Other Areas		
Audit Committee	Chaired by an Independent Director     Majority Members are Independent Directors	Internal Code of Conduct for Prevention of Insider Trading	Financials audited by both Independent Auditors & Government Auditor as well	
Nomination & Remuneration Committee	Consist of three Independent Directors with Director Personnel as a special invitee		(C&AG)	
CSR & Sustainability Committee	Headed by an Independent Director	Independent Vigilance Department and Whistle Blower Mechanism	Right to Information Act promoting transparency and accountability	
Risk Management Committee	Consists of all the Functional Directors (excluding CMD)			
Shareholders Investors Grievance/ Stakeholders Committee	Consists of Chairman of Audit Committee,     Director Finance and Director Production	Integrity Pact mechanisms and Fair Practice code in place	Performance Review Mechanism laid out by the Government	

### Corporate Social Responsibility

NMDC seeks to add value to its CSR effort by aiming for eradication of illiteracy, minimizing child and maternal mortality, poverty alleviation and affordable health care in the surrounding villages of its Project areas.



Providing Quality Based Education in Bastar Region



Frequent visits of project doctors to the neighboring villages



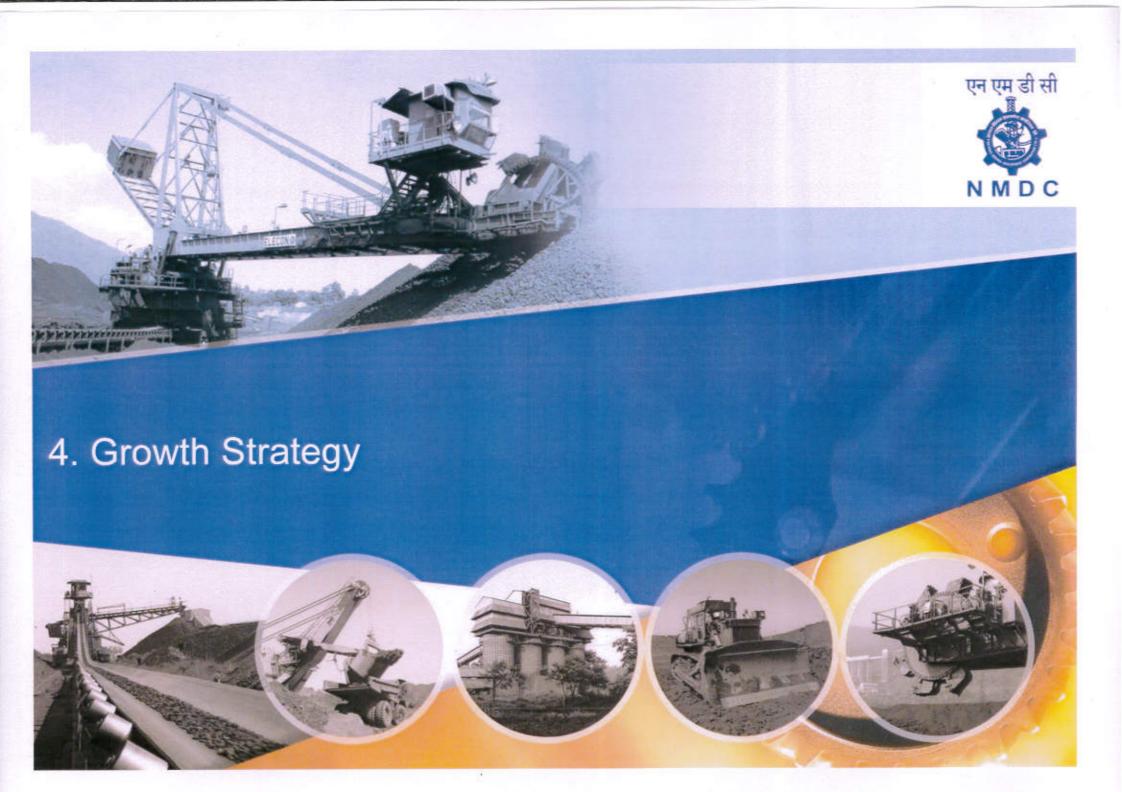
NMDC distributed 3W LED Solar Lanterns to girl students of government schools.



NMDC was conferred with Greentech Awards - 2015 in CSR & Environment Category



The Golden Peacock Award was conferred on NMDC Limited for its CSR activities.



## Comprehensive Growth Strategy



## NMDC has an Aggressive Growth Agenda with Multiple Strategic Transformations to Achieve it

## Growth Agenda

- Increase Iron Mining and evacuation capacity to 100 MT from present production level of ~30 MT
- Strengthen exploration and forward-integrate to value added business (Pellet, Steel)
- Strategically diversify into other commodities based on growth potential & relevance to NMDC
- · Invest in other geographies selectively based on "mining potential" and "business environment"

## Strategic Transformations

### · Business Strategy:

From "single commodity, geography" to "multiple commodities and globally diversified"

### Operations Strategy:

From 30 MT Iron Miner to 100 MT through brownfield and greenfield mine expansion

### Capital Projects Strategy:

To manage significant capital investment in next 5-10 years

### Human Resources Strategy:

From having core competencies in iron ore mining to honing competencies in mining, metals, metallurgy and other businesses

### IT Strategy:

Enhance productivity through automation and digitization of operations

### R&D Strategy:

Develop and deploy technologies for beneficiation of lean ores to extend life of mine and move towards zero waste mining

### Sustainability Strategy:

Adopt environmentally safe and scientific mining practices and integrate sustainability in all our processes

## Comprehensive Growth Strategy (Cont'd)





- Kumaraswamy Iron Ore (Karnataka) 7 MT
- Bailadila Dep 11B 7MT
- Bailadila Dep 10 & 11A 5-7 MT
- JV with State Governments for Baiadila Dep 4 and 13
- 15 MT capacity slurry pipeline from Bailadila to Nagarnar (138 km)

Integration into steel making

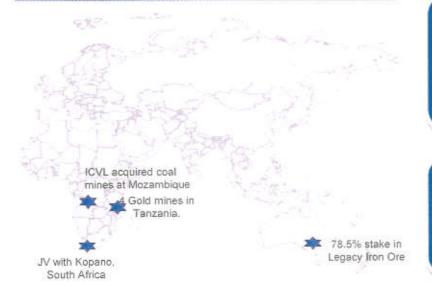
- · State-of-the-art 3.0 MT Integrated steel plant at Chattisgarh
  - Largest blast furnace with 4,506 m<sup>3</sup> useful volume
  - Coal dust injection and oxygen enrichment facility
- Pellet plants of 1.2 MT at Donimalai and 2.0 MT at Nagarnar
- Proposed SPV concept to develop land and obtain clearances for customers to subsequently set-up steel operations

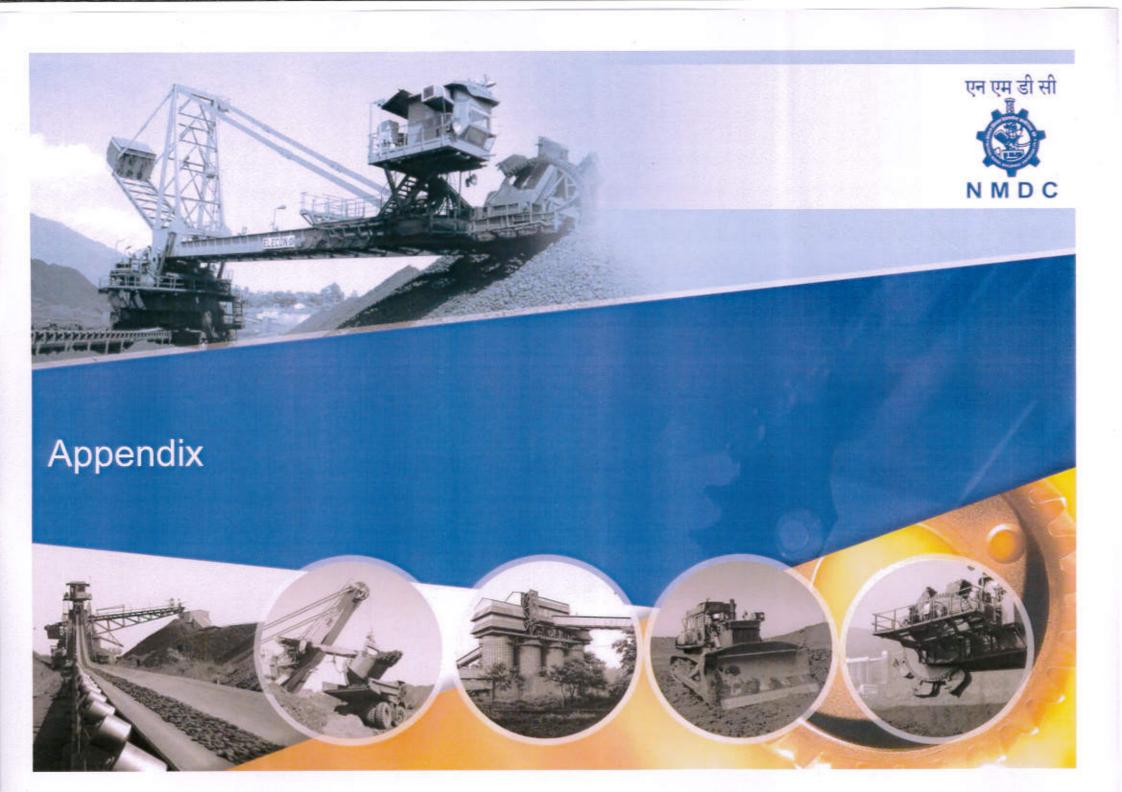
Status

- 3.0 MT Steel Plant Integrated load trials expected to start by December 2017
- 1.2 MT Pellet Plant Trial run of beneficiation plant completed in March 2016
- 2.0 MT Pellet Plant Approved and will be implemented to synchronize with steel plant
- MoU signed with the Karnataka Government for the mines

Global Expansion

- Acquired equity stake (78.5%) in Legacy Iron Ore, Australia having multiple tenements of Iron Ore, Gold and PGMS
- Strategic equity stake in ICVL which acquired operating coking coal mines at Mozambique
- In the process of setting up of a pilot plant for recovery of gold concentrate at Tanzania, Africa





## NMDC Shareholding Structure



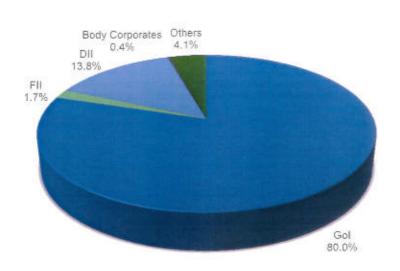
Listed on BSE / NSE

Number of shares: ~4.0 bn

Share price (52 Week High/Low): INR 109.35 (August 22, 2016) / INR 76.85 (January 21, 2016)

FY16 Dividend/Share: INR 11 (Dividend Payout: 1,100%)

Market Cap: INR 423 bn(1)



Key Shareholders Other Than Gol	% Shareholding	
Life Insurance Corporation of India	11.2%	
Eastspring Investments	0.4%	
ICICI Prudential	0.4%	
Vanguard	0.3%	
Edgbaston Asian Equity Trust	0.3%	
Mathews India Fund	0.3%	

Note: Shareholding data as July 29, 2016.
(1) Market Data from BSE as on September 1, 2016.

