



Nhava Sheva International  
Container Terminal  
Corporate Presentation

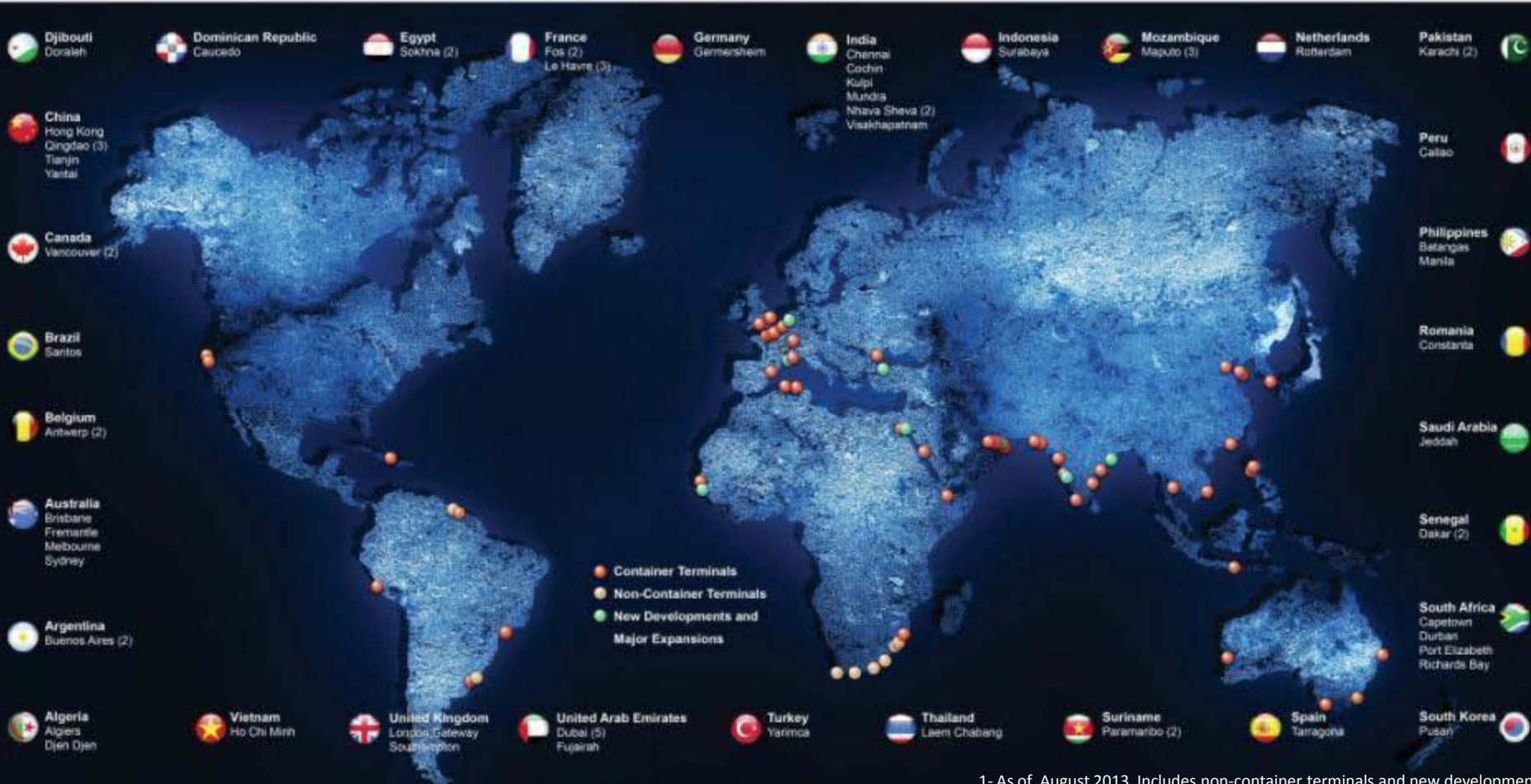


# Welcome to DP World

- Over 65 (1) marine terminals across six continents with a team of 28000 employees
- Total throughput of more than 56 million TEU 2012
- more than 100 million TEU capacity by 2020, depending on demand
- Top 4 Global Operator (2)



DP World's Portfolio as of November 2013



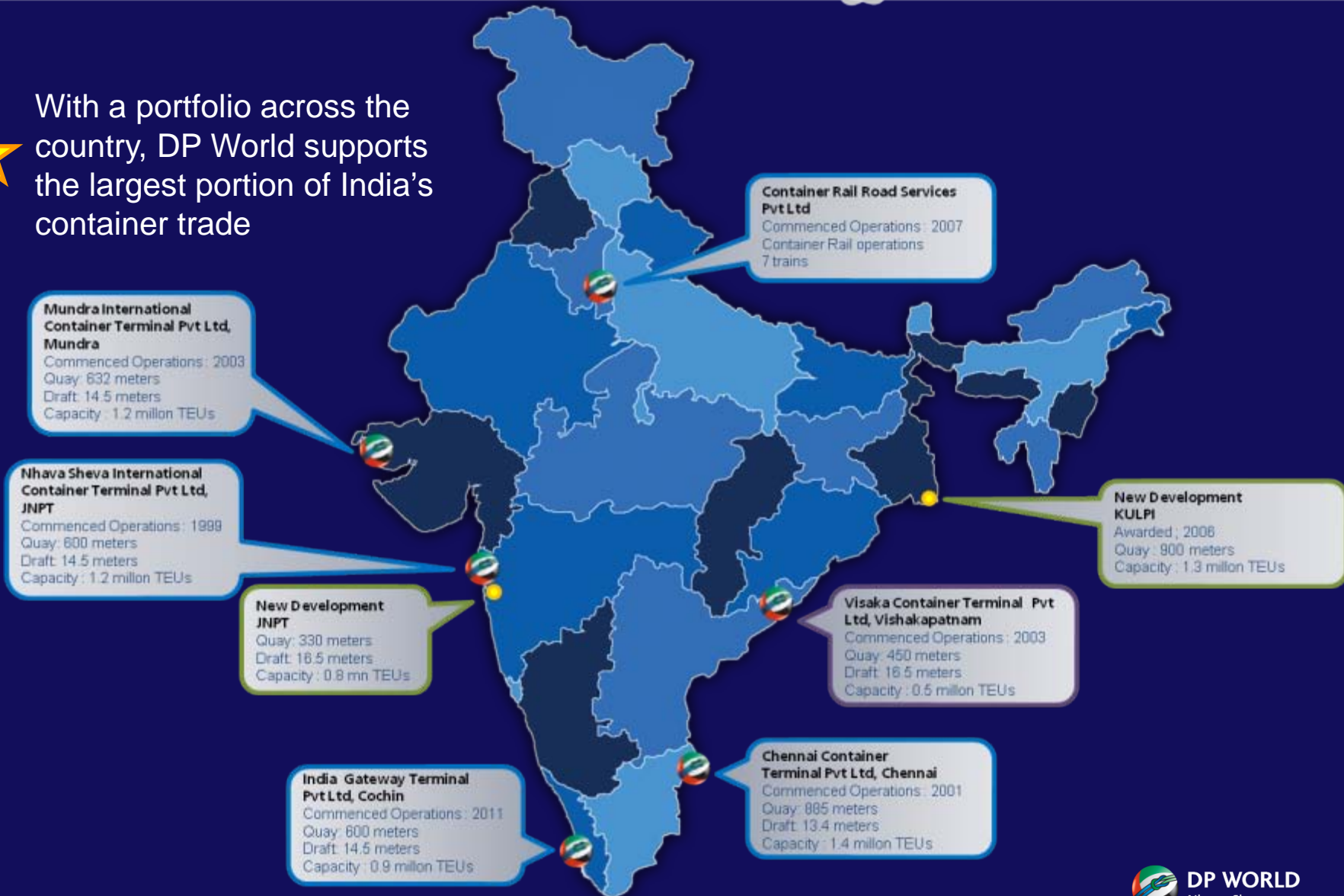
1- As of August 2013, Includes non-container terminals and new developments  
2- Measured by equity-based throughput. Source: Drewry Shipping Consultants



# DP World presence in India



With a portfolio across the country, DP World supports the largest portion of India's container trade



# Overview of the Terminal

- DP World Nhava Sheva commenced operations in 1999, and is DP World's flagship operation in the Subcontinent. The terminal, was developed at a cost of US \$250 million.
- It is managed under a 30 year Build-Operate-Transfer agreement set up with the Jawaharlal Nehru Port Trust (JNPT) of the Government of India
- Built for handling capacity of **600,000 TEUs** , the terminal is one of India's largest trade gateways, and has consistently handled more than **1 million TEUs per annum over the last 10 years.**
- In 2013 DP World Nhava Sheva handled 1.57 million TEUs

## AWARDS AND RECOGNITIONS

*2010: EXIM Maritime and Logistics award for Health and Safety*

*2008: Seatrade Middle East and Subcontinent Award for Environment Protection*

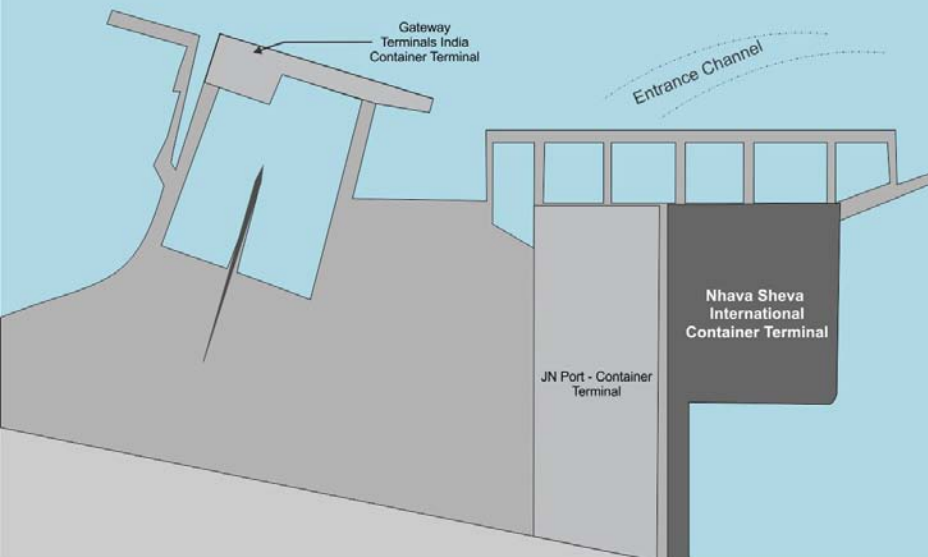
*2008: First container terminal in India to be ISO 28000 certified and CT PAT compliant*

*1999: India's first public private partnership in the ports industry to commence operations*

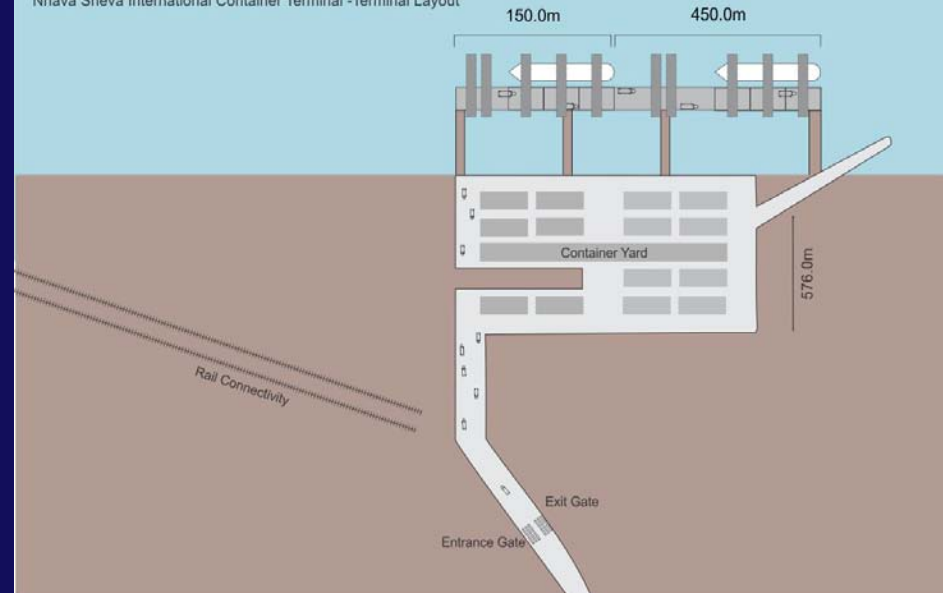


# Terminal Layout

Jawaharlal Nehru Port - Harbour Layout



Nhava Sheva International Container Terminal - Terminal Layout



1. The terminal is operational 365 days of the year, 24 hours/day
2. The terminal is managed by a workforce of 640 employees
3. The terminal supports 37% of the total container traffic in JN Port (2010)
4. The terminal supports the largest volume of reefer trade in/out of India
5. First Container Terminal in the country to be equipped with advance gantry crane Simulator which was custom built and manufactured in India .

# Terminal Specifications



1. Dwell time focus : less than **0.8 days**
2. Yard output per Hectare : **50386 TEUs per hectare\***
3. Average Parcel Size per vessel : **2064 TEUs**
4. Average Throughput per quay Length : **2513.42 TEU per Quay meter \***
5. Berth productivity : **142.17** moves per hour
6. Crane productivity : **26** moves per hour
7. Truck turnaround time : Under **60 minutes**
8. Train turnaround time : less then **2 hrs**
9. Berth Occupancy : **83.53%**

*\* Among the highest in the World*

## DP World Nhava Sheva, JN Port

Berth	Quay Length: 605 m
	Number of Berths : 02
	8 Single lift quay cranes
	Capacity: 1.2 million TEUs p.a
Draft Alongside	13.5 m; 18.52 km
	Tidal Restriction : 12 meters
Approach channel	12.5 m depth; 400 meters
Yard	29.5 hectares stacking area
	29 RTG's
	772 reefer plug points
Rail Handling	Number of rail sidings : 02
	3 RMGC's
	12 hectares stacking area
Gates	Number of Gates : 07

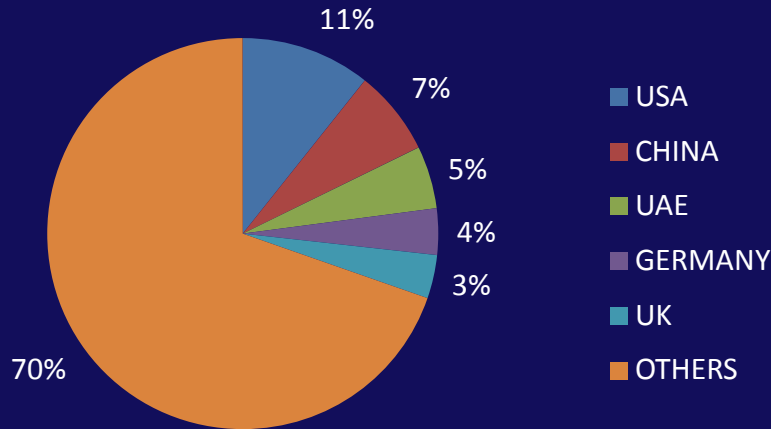
# Terminal's Service Portfolio

<b>SERVICE</b>	<b>Partners</b>	<b>Trade corridor</b>
ME1	MAERSK LINE	Europe Service
MECL	MAERSK LINE	USEC Service
MESA	MAERSK LINE	South Africa Service
ME 3	MAERSK LINE	Europe Service
MSC Europe	MSC	Europe Service
INDAFEX	SCI, Kline, PIL, Wan Hai	Far East service
LWX (E)	APL	Far East service
NMG	Simatech, Seacon, OEL	Middle East Feeder
EPIC	CMA CGM, OOCL	Europe Service
AME	ZIM	Far East service
CIX	APL, OOCL	Far East service
IMEX	CSAV	Europe Service

# India Container Market

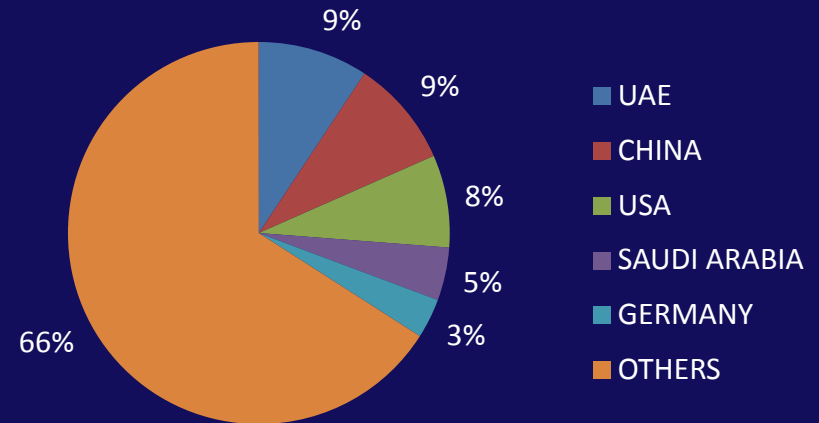
(1) 2005-2006:

India's trade with the world **USD 232 billion**

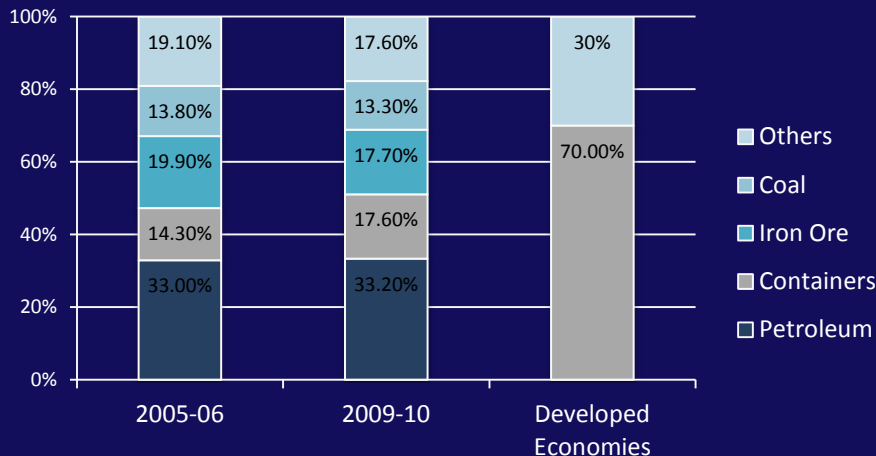


(1) 2009-2010:

India's trade with the world **USD 467 billion**



Foreign trade is expected to continue growing at above 15% until 2014 with imports outweighing exports. Petrol products still dominate India's trade but demand for containerisable goods is rising.



## Upside for Containerisation

- Considerable upside in containerisation levels to catch up with fully developed economies. Over the last 5 years, India has seen its trade volume grow 200%.
- Expected over 25% growth in textiles over the next 5 years after Multi Fibre Agreement
- Significant change in pattern of Top 5 trading partners will impact future growth

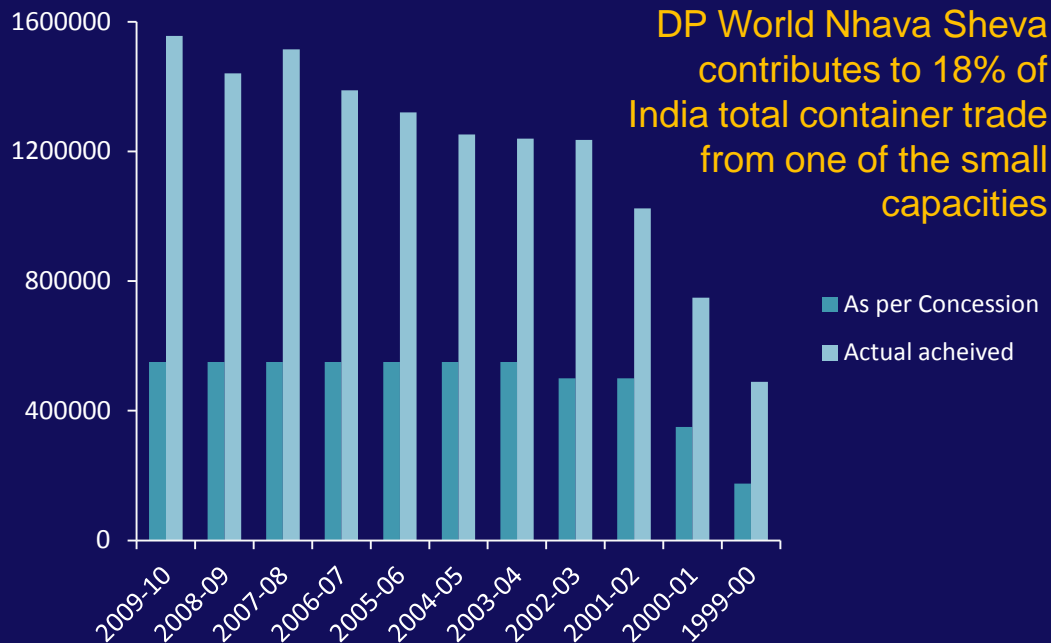


# Hinterland Connectivity

## Largest co-efficient of rail traffic in the country

- NSICT has the maximum rail connectivity to major markets in the hinterland
- 150 trains monthly
  - 100 trains to the NCR Region (Tuglakabad, Loni, Dadri, Faridabad, Patli, Garhi Harsaru)
- Rail infrastructure by way of 2 rail sidings inside the terminal
- Capacity to handle 6 trains per day

## Delivering consistently beyond expectations



# Our Competitive Advantage



“ We are committed to implementing the highest levels of security standards, processes and technology in all our global terminals ”

DP World Nhava Sheva is committed to a policy of Zero Harm to people and the environment

- 2007 – ISO 9001 - Quality Management
- 2007 – ISO 14001 - Environmental Management
- 2007 – OHSAS 18001 - Occupational Health and Safety
- 2007 – ISO 27000 – Information Security
- 2009 – ISO 28000 - Supply Chain Security Management

The first container terminal to be certified ISO 28000:2007 for Supply Chain Security in India and to be validated by C-TPAT (Customs -Trade Partnership Against Terrorism) in India

# Responsible Business Practices



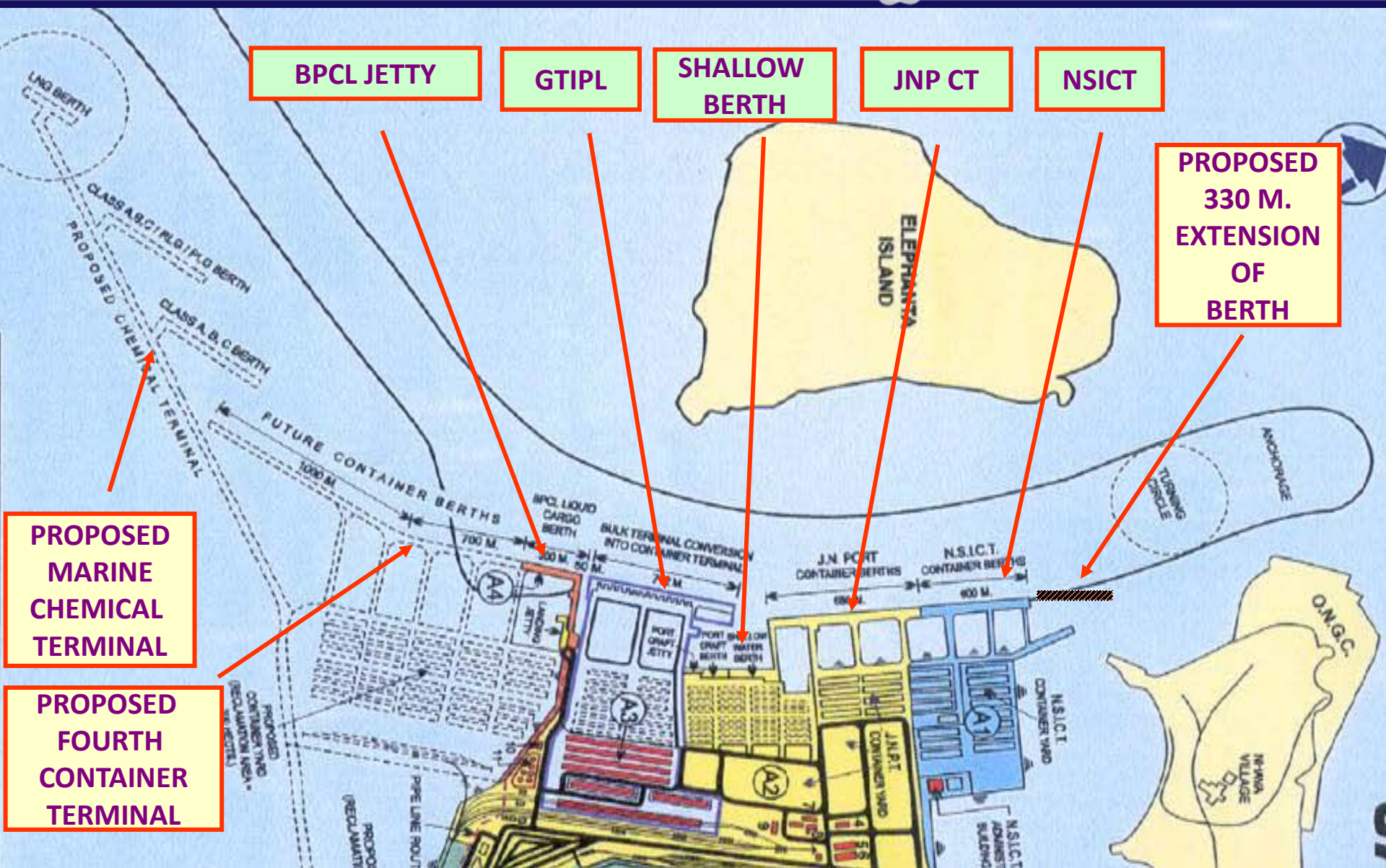
*“The communities in which we operate are vitally important to us and we are actively involved in projects aimed at improving the lives of people in those communities.”*

## In the pursuit of Knowledge

- We are committed not only to the development of our employees but also their families
- The Phunde educational complex has been built in the JN port area of the Raigad District
- The education complex provides for a school, a junior college and an Arts/Science and Commerce Graduate college.
- In 2000, prior to NSICT's intervention, the college supported 2500 students and the school supported around 1000 students.
- Today, the college houses 2,563 students (1274 girls) and the school 1,176 (515 girls) students and the highest percentage of girls students (appx 50%), thereby reinforcing the country's commitment to the education of the girl child.



# Future Plans





# Future Expansion

Sr. No.	Terminal	Existing Capacity (in 2010-2011)	Future Capacity (2014-2015)
<b>A</b>	<b>Container Handling</b>	<b>43.2 Million Tonne</b>	<b>106.8 Million Tonne</b>
1	JNP Container Terminal (JNPCT)	1.1 Million TEU (13.2 Million Tonne)	1.4 Million TEU (16.8 Million Tonne)
2	Nhava Sheva International Container Terminal (NSICT) 	1.2 Million TEU (14.4 Million Tonne)	1.2 Million TEU (14.4 Million Tonne)
3	Gateway Terminals India Pvt. Ltd. (GTIPL)	1.3 Million TEU (15.6 Million Tonne)	1.3 Million TEU (15.6 Million Tonne)
4	Nhava Sheva (India) Gateway Terminal 	----	0.6 Million TEU (7.2 Million Tonne)
5	4 <sup>th</sup> Container Terminal	----	4.4 Million TEU (52.8 Million Tonne)
<b>B</b>	Liquid Cargo Handling/ Liquid Cargo Berth / Chemical Terminal	5.5 Million Tonne	14.20 Million Tonne

Source of Data: JN Port Trust

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Contact Us: [ajay.singh@dpworld.com](mailto:ajay.singh@dpworld.com)

**THANK YOU**