

Adani TEAM

Welcomes

All Delegates



Adani Ports & Special Economic Zone Limited

Partners in progress



Adani Ports and Special Economic Zone Limited

Adani Group – India's Leading Infrastructure Conglomerate



Resources



Logistics



Energy

Adani Enterprises

- **Largest importer** & trader of **Coal** in India
- **Mining** operations in India, Indonesia & development in Australia
- Market Cap: **US\$ 3.76 Billion**

Adani Ports & SEZ

- **Largest Commercial Port** developer & operator in India
- Integrated logistics player with SEZ Advantage
- Market Cap: **US\$ 13.33 Billion**

Adani Power

- **Largest** private sector **Power** producer (10,480 MW)
- Market Cap: **US\$ 2.0 Billion**

Adani Transmission

- **Largest private** sector **transmission** co. (5000 Km)
- Market Cap: **US\$ 3.63 Billion**

Integrated , Independent Business Model with Leadership Across Businesses

2017 World GDP

Sl.n	Country	GDP (in Trillion USD)
1	USA	19.41
2	China	11.79
3	Japan	4.84
4	Germany	3.44
5	UK	2.5
6	India	2.45
7	France	2.42
8	Brazil	2.14
9	Italy	1.8
10	Canada	1.6
	Total	52.39

TOP 10 COUNTRIES CONSTITUTES 64 %

India's EXIM Trade Growth

Trade/Year	2013-14	2014-15	2015-16	2016-17	2017-18 Estimate
Exports (\$Bn)	312	309	261	302	300
Growth YOY(%)	5	(1)	(16)	16	0
Imports (\$Bn)	450	347	380	402	452
Growth YOY(%)	(8)	(23)	10	6	12%
Total Trade (\$Bn)	762	757	641	704	752
Growth YOY (%)	(3.6)	(1)	(15)	9	7

Trade Value \$1.0 Trillion by 2020

ADANI PORTS & SEZ

“Growth Engine of India’s EXIM Trade”

&

“GDP Contributor”

Adani Ports & Special Economic Zone Limited

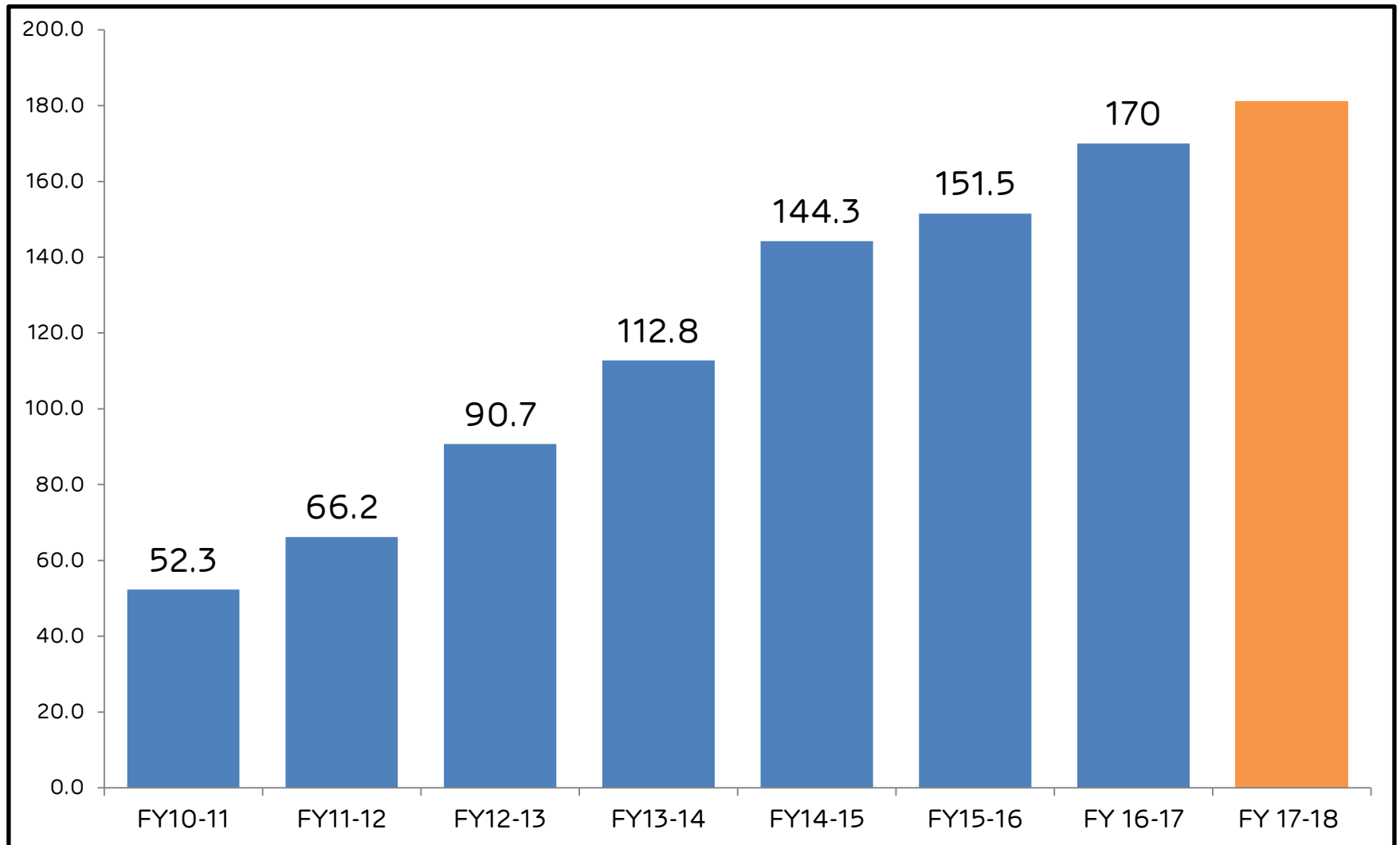
21st Century Port in India

370+ Million Tons Capacity Ports in India



Adani Ports and SEZ

Growth of APSEZ (all Ports)



Sustainable Cargo Growth in Container

- APSEZ container business is having **Joint Venture with world's largest shipping lines** like MSC & CMA CGM.
- **JV Model** in container business ensures **sustainable volume** growth of **15% to 20%** in coming years.



Crude Oil @ Single Point Mooring

- Two single point mooring with **40 Million MT capacity** per annum ensures fixed volume.
- Two tank farms, **IOCL & HMEL** are placed in SEZ, for crude transportation from mundra to Panipat (Haryana) & Bhatinda(Punjab) refineries through pipeline.



IndianOil



HMEL

Adani Ports handle 15% of all india cargo.



India's Largest port - 4 times faster than Industry average

Adani Ports links 300 + GLOBAL PORTS

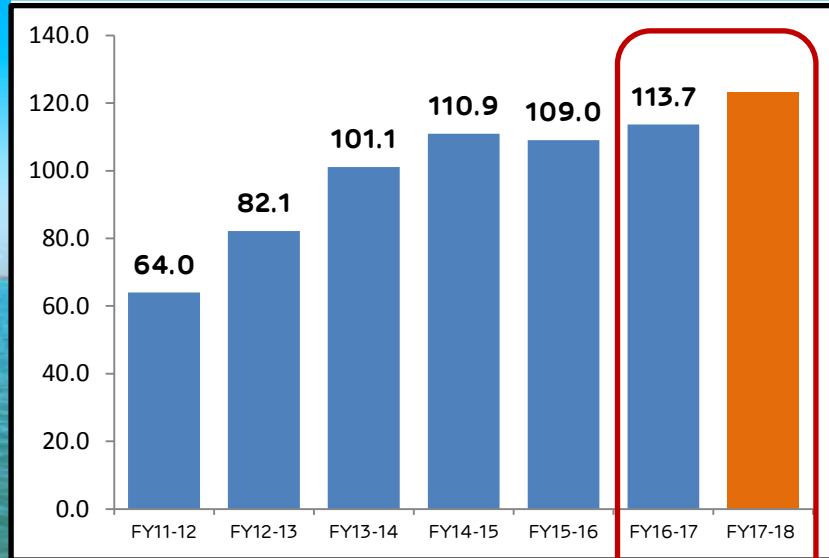
Sectors	No of Services	Service Names
Europe & Med	7	IPAK/EPIC, ME1, IOS, HIMEXP,AME,IMEX,ME3
Far East	13	CPX, PMX, AGI, FALCON, FM3, CISC,CI2, AIS,PM2,GALEX,MD1,TCX,ACS
Africa	6	MIDAS,SAF, AMI, MESAWA,MAWINGU EXPRESS, CHEETAH
Gulf & IOI	11	AGIS, ASX,IGI,IGS,ISC, SMILE, GALEX, NOUEXP, PIX2,SAFR,CCG
ISC	1	IBS
US East Coast	4	INDUS,INDAMEX,CML&SLL SHUTTLE,CIX
Red Sea	1	RGS
Coastal	7	Indian Coastal
Total	50	

Mundra Port – India's Maritime Masterpiece

Mundra Port is the largest port and Port based multi product SEZ in India



Cargo Growth (Mn MT)

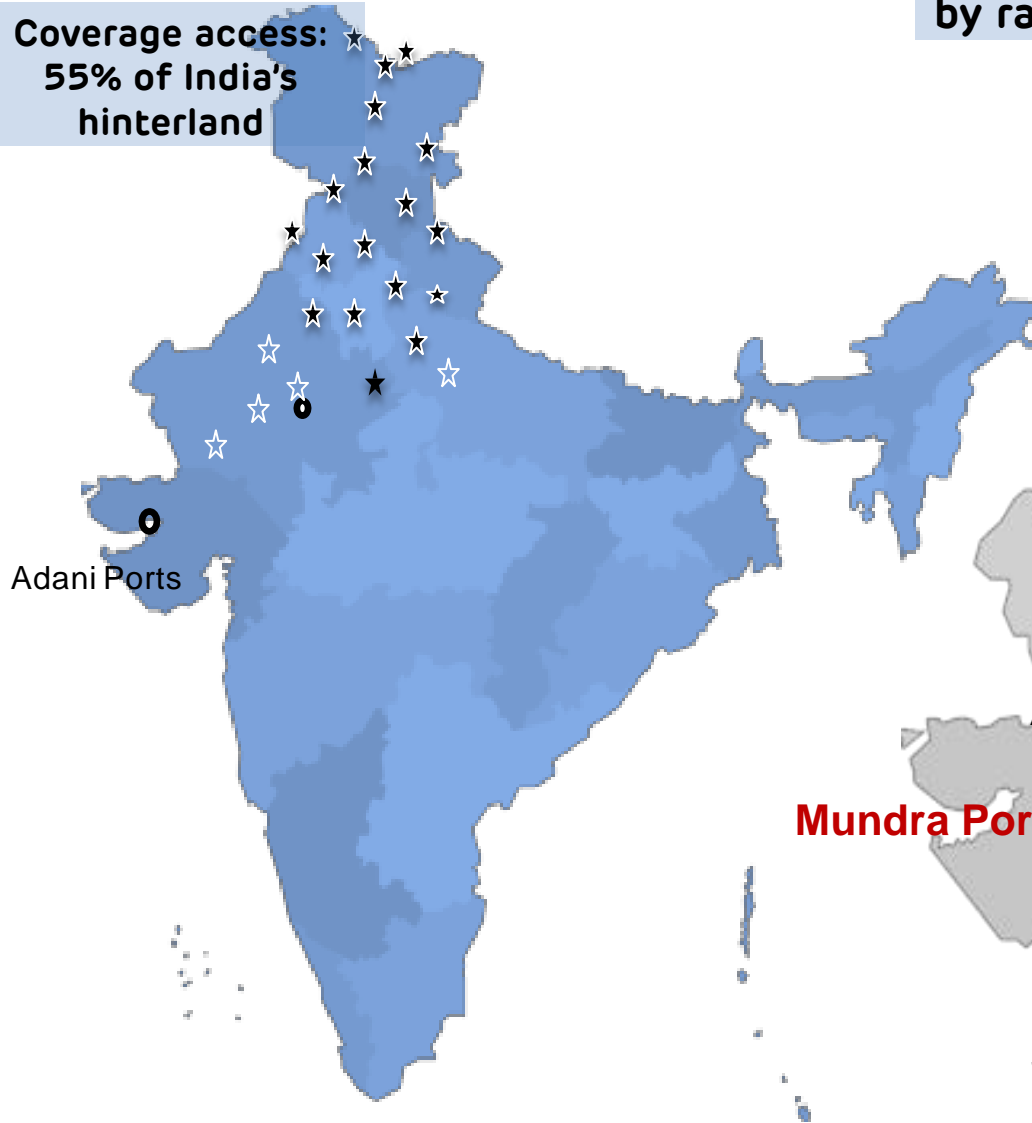


- **Natural Gateway** to Northern and Western Hinterland of India.
- **Deep draft** Port for World largest vessels
- **Well connected** Port - Rail, Road, Air and Pipeline
- 1st port laid **225 km Pvt. Rail line** to National Rail Grid
- **26 Berths** + 2 Single Point Mooring : 40 Kms. water front

Mundra Port will achieve highest cargo growth in FY 17-18

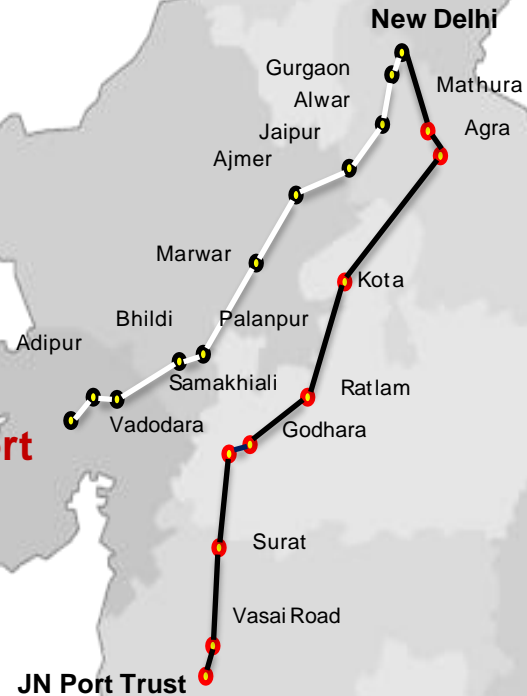
Mundra Port - Advantage

Coverage access:
55% of India's
hinterland



322 Km distance advantage over JNPT, Mumbai by rail JNPT to Delhi – 1446 Km by rail and Mundra to Delhi 1124 by rail

Mundra Port



Overview of Mundra Port Facilities

Mundra presently has a capacity of 228 MMTPA with 26 berths plus two SPMs



CT -1 & 2

4 berths - 16 meters draft
Cargo: Containers & Automobiles



AICTPL (CT -3)

4 berths - 16 meters draft
Cargo: Containers



ACMTPL (CT - 4)

2 berths - 16 meters draft
Cargo: Containers



West Basin

4 berths - 19 meters draft
Cargo: Coal



Terminal 1

4 berths - 14 meters draft
Cargo: Bulk & Liquid



Terminal 2

4 berths - 13 to 16 meters draft
Cargo: Bulk, Break Bulk



Terminal 3

4 berths - 13 to 16 meters draft
Cargo: Bulk, Break Bulk



SPM

2 SPMs for VLCC vessels
Cargo: Crude

Overview of Mundra Port Specialised Infrastructure

Mundra port has dedicated and specialized infrastructure for handling all types of cargo



Auto Terminal

Pre dispatch capacity
2000 cars, Buffer yard
capacity 2000 cars
Floating Pontoon



Liquid Terminal

Automated terminal -
97 tanks , 4.64 Lacs KL



Fertilizer Complex

Automated fertilizer
bagging complex.
Capacity 8-10 rakes /
day



Agri Complex

Agri complex capacity
of 2 MMTPA, rake
handling facilities



Steel Complex

Automated steel
complex - 8 goliath
cranes



Flotilla

Highly efficient tugs
5 nos. – 55-tonne BP
8 nos. – 70-tonne BP
1 no. – 10-tonne BP



Dredgers

19-Cutter-suction
dredgers, 2-Grab
dredger, 1-Trailing
suction hopper dredger
1- WIDs



Storage Area

Closed godowns -
223,520 Sq. Mtrs
Open storage 3,110,154
Sq. Mtrs.



LNG Terminal

- Capacity 5Mn tons per annum, expansion 10 Mn tons
- Project on Progress



LPG Terminal

- Total Capacity 1.34 Mn tons per annum
- Target: Dec 2018

World Class Performance



10254 TEUs from single vessel in less than 55 Hrs. - Sep -17. **"NATIONAL RECORD"**

One of the World's Deepest Container vessel
MSC MARIA SAVERIA **16.55Mtr** – May - 17



One of the Biggest coal vessel of **1,90,000 MT**
MV Trust Amity at West Basin – Aug - 16



World Class Performance



Fastest discharge rate of **1,64,916 MT** from coal vessel MV Marijeannie – May'16

One of the World's Longest Container vessel MSC SINDY **366.67m** – Aug'16



921 Container rakes handled in a Month and **41 Container Rakes handled** in a single day – Jan'18



Adani Special Economic Zone & Free Trade Warehousing Zone

- 15000 Ha for Industrial & Social Development
- India's largest SEZ - 8300 Ha for EXIM business
- 200 Ha - Free Trade Warehousing Zone

Engineering & Technology

Engineering Highlights

- ❑ **Largest Dredging capabilities in India**
 - 21 Mn Cu Mtrs annual dredging capacity - 19 dredgers.
- ❑ **First Floating Ro-Ro terminal in India**
 - Ro-Ro terminal capable operating 24x7 with 6m variation in sea level.
- ❑ **Equipped in handling Complex Cargos**
 - Delhi Metro, Heavy Locos, Aircrafts, Wind-turbines
- ❑ **Largest Automated Neem Coating Urea coating facilities**
 - Capable handling 35kMT coated urea per day
- ❑ **GPSs across fleet**
 - Multi-purpose GPS for all moving machines, including Locos
- ❑ **Water from Air**
 - Converting moist air to water



❑ RFID based Fuel Management System

- End to end integration i.e. from receipt to dispersal, and SAP invoicing
- Auto-reconciliation, prevents pilferages

❑ Work-Force Management System

- Only Port in India having online system for registrations, approvals, compliance management, Learning management and dash-boards

❑ e-Clearances for Dry-n-Liquid cargos from Customs

- Customs gate clearances are online without any hassle to transporter/driver and without any delays/paper-works.
- e-clearance of SMPT through PCS interface

❑ Weighbridge Automation

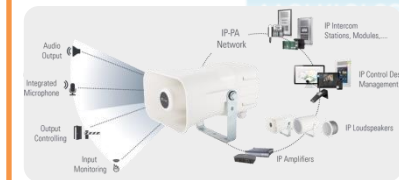
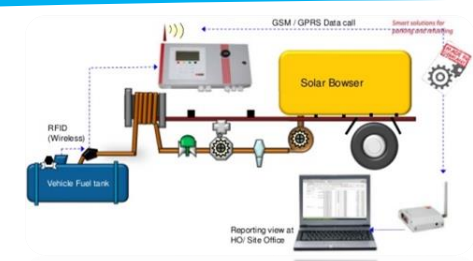
- Complete governance and controls using technology to avoid pilferages and speedup the process

❑ Online container documentation

- Achieved 99% paperless transactions saving 9million+ paper sheets per year, automating 300+ processes
- Digitization in container documentation, reducing TAT.

❑ School Automation

- E-class room, to connect school with the World on real time
- Mobile app to connect parents/teachers, teachers/teachers, teachers/principal.



Operations Automation

- ❑ **VMT driven Internal container cargo movement**
 - Digital navigation to internal container movement fleet
- ❑ **Remote Gate Operations**
 - Gate clearance process through cameras, audio support from remote locations
- ❑ **Berthing aid system**
 - Improving safety by real time guidance to pilot boat on proximity and velocity
- ❑ **Auto-Position Detection System**
 - System monitoring the yard cranes location and auto-correction of container position to update TOS.
- ❑ **Real time Liquid Tanks visibility**
 - Liquid Tank Farm dash board representing the real time status of each tank from operations and safety perspective.
- ❑ **Online container documentation**
 - Digitization in container documentation, improving road safety avoiding transportation of papers, reducing TAT.



Safety and Security Automation

❑ **Driver Behavior analysis**

- Portable device for external drivers to monitor road-behavior in large campus
- In-built speed, harsh breaking, fast-turning monitoring capabilities thru GPS device fitted in internal fleet

❑ **Gensuit – e-Safety Observation Reporting**

- Mobile app based connecting people for collection of safety observation, tracking of closure actions

❑ **IP based PA system**

- Safety messages and emergency notification for large area for mass volume.

❑ **Biometric based multilayer access control**

- Unique identification of individual using biometrics, issuance of smart card for multi-layer access control system
- Vehicle access control thru smart card operated barriers

❑ **Video management system**

- Video analytics for traffic monitoring – speed, congestion, people on road
- Perimeter intrusion detection system (@Tuna) based on video analytics/GIS

❑ **Online visitor management system**

- Advance placement of visitor request
- e-Pass for visitors to avoid paper transactions.

Adani Mundra Port – Advantage

1	21st Century Infrastructure	World Class
2	Seamless Road Connectivity - Trailer Turnaround Time	45 minutes
3	Best Rail Connectivity - Rail Turnaround Time	2.33 hrs.
4	World Class Port Performance - Vessel Turnaround Time	22 hours
5	Distance advantage with National Capital Region	320+ km

We are 10,000+ young,
dynamic doers working
across the globe for a
common purpose

Thinking big Doing better

One vision,
One team