



Ports and
Logistics

Ref No: APSEZL/SECT/2021-22/81

September 17, 2021

BSE Limited

Floor 25, P J Towers,
Dalal Street,
Mumbai – 400 001
Scrip Code: 532921

National Stock Exchange of India Limited

Exchange Plaza,
Bandra Kurla Complex,
Bandra (E), Mumbai – 400 051
Scrip Code: ADANIPTS

Sub: Investor's Presentation.

Dear Sir,

In continuation to our letter no. APSEZL/SECT/2021-22/78 dated September 13, 2021, the Investors presentation to be deliberated at the Investor meet is enclosed herewith and also being upload on our website.

Kindly take the same on your record.

Thanking you,

Yours faithfully,

For Adani Ports and Special Economic Zone Limited

Kamlesh Bhagia
Company Secretary



Encl: a/a

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Adani @ Mundra

Handbook for visit by Investors

18th and 19th September 2021

Adani Group - Mundra

- **A** • Port & SEZ
- **B** • Transmission
- **C** • Solar Cell & Module manufacturing
- **D** • Edible oil refining plant
- **E** • Power plant
- **F** • Social initiatives

Evolution of Mundra

At inception...1993



In....2021



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The fast-growing port-based local economy

Mundra

Home to

- Largest commercial port
- Longest private HVDC line
- Largest edible oil plant
- Largest solar cell and module plant
- Largest single location IPP

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Strategically Located

- Major hinterland - Rajasthan, Delhi, Western UP, MP and Haryana
- Caters to clusters like, edible oil refinery, textile, Agri commodities and thermal power
- SEZ Land of 8000+ Ha with ready to set up industrial facilities
- India's Largest HVDC line, Mundra to Mohindergarh
- Largest Integrated Solar Panel Manufacturing facility with 1.5 GW
- Adani Wilmar has its largest single location refineries in India with a designed capacity of 4,900 metric tonnes per day (TPD)
- India's largest single location IPP, Adani Power Mundra with Super Critical Plant

Delhi

Gandhidham- 55 Kms
Bhuj- 60 Km
Rajkot- 250 Kms
Ahmedabad- 350 Kms
New Delhi – 1152 Kms
Mumbai – 864 Kms

Ahmedabad

Nagpur

Mundra

Mumbai

Adani Ports and SEZ @ Mundra



7. Adani Power Plant

6. HVDC

5. Solar Manufacturing Plant

8. West Basin

9. Model Room 2

2. MODEL ROOM 1

3. TUG BOAT

4. Drive through container terminal, LNG/LPG

PROPOSED VISIT PLAN

1	Arrival at Airport
2	Proceed to Model House
3	Tug boat ride
4	Drive through container terminal, LNG/LPG
5	Solar Cell and Module Manufacturing Plant
6	HVDC
7	Adani Power Plant
8	Visit to West Basin
9	View point/Model Room
10	Back to Airport



Mundra facilities

Details	Quay Length (M)	Capacity (MMT)	Cargo Type
Bulk Cargo Terminal 1	710	16	Liquid & Gas
Bulk Cargo Terminal 2	977	19	Bulk, Break bulk & Containers
Bulk Cargo Terminal 3	1030	20	Bulk & break bulk
CT- 1 MICT – Operated by DPW	631	18	Containers
CT-2 (AMCT) - Operated by APSEZ	631	18	Containers
CT-3 (AICTPL) –JV MSC	1460	44	Containers
CT-4 (ACMPTL) – JV with CMA CGM	650	18	Containers
Total Container Capacity		98 (6.5 Mn TEUS)	Containers
West Basin Terminals	1511	60	Coal

Mundra facilities

Terminal No.	Quay Length	Capacity (MMT)	Cargo Type
SPM	NA	50	Crude
LNG	410	5	Natural Gas
LPG	216	4	Gas
Liquid Terminal	-	16	Chemical, POL, Edible Oil
Total Port Capacity at Mundra		288	

Other Facilities part of Visit	Capacity	Remarks
Transmission Line	2500 MW	First private HVDC line of 1,000 kms in India
Solar Manufacturing	1.5 GW	Solar Cells and Module manufacturing
Adani Mundra Power	4,620 MV	First private super critical power plant in India

Terminal 1

Capacity :16 MMT
Cargo: Gas & Liquid

5 berths with draft of 13 to 14 meters



Terminal 2

Capacity : 19 MMT
Cargo: Bulk, Break Bulk
& Containers

4 berths with draft of 13 to 17 meters





Terminal 3

Capacity : 20 MMT
Cargo: Bulk, Break Bulk

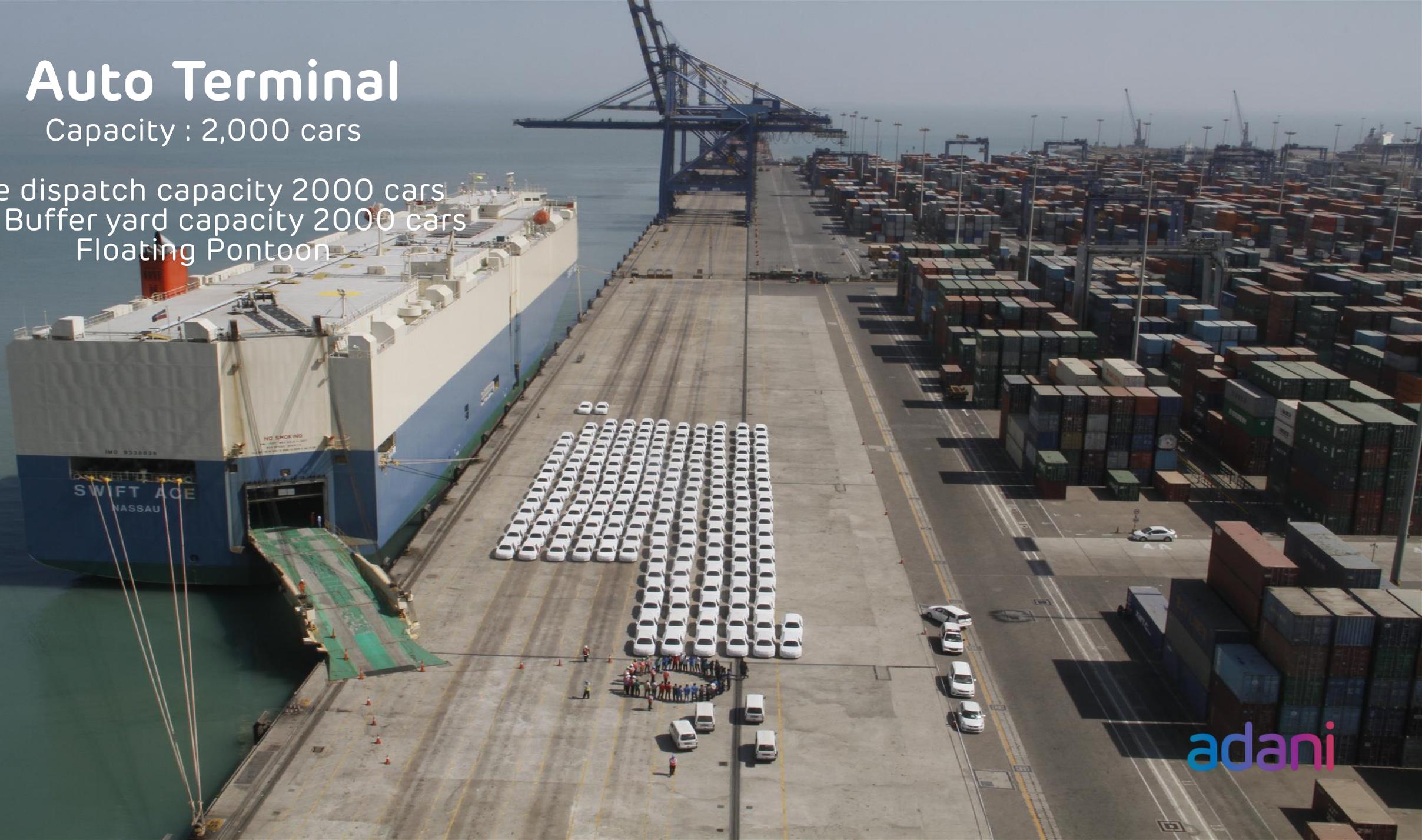
4 berths with draft
of 13 to 16 meters



Auto Terminal

Capacity : 2,000 cars

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





The Terminal currently operated by DP World
on a sub concession from APSEZ

Container Terminal 1 (MCT)

Capacity : 18 MMT
Cargo: Containers

2 berths with draft
of up to 16 meters

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The Terminal currently operated by APSEZ

Container Terminal 2 (AMCT)

Capacity : 18 MMT

Cargo: Containers & Automobiles

2 berths with draft of up to 16 meters

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An aerial photograph of a large container terminal. A large container ship, the MSC BARBARA, is docked at a pier. A massive blue gantry crane with the Adani logo is positioned over the ship. The pier is filled with stacks of colorful shipping containers (yellow, red, blue, green). The background shows a clear blue sky and a body of water.

Container Terminal 3 (AICTPL) – JV with MSC

Capacity : 44 MMT

Cargo: Containers

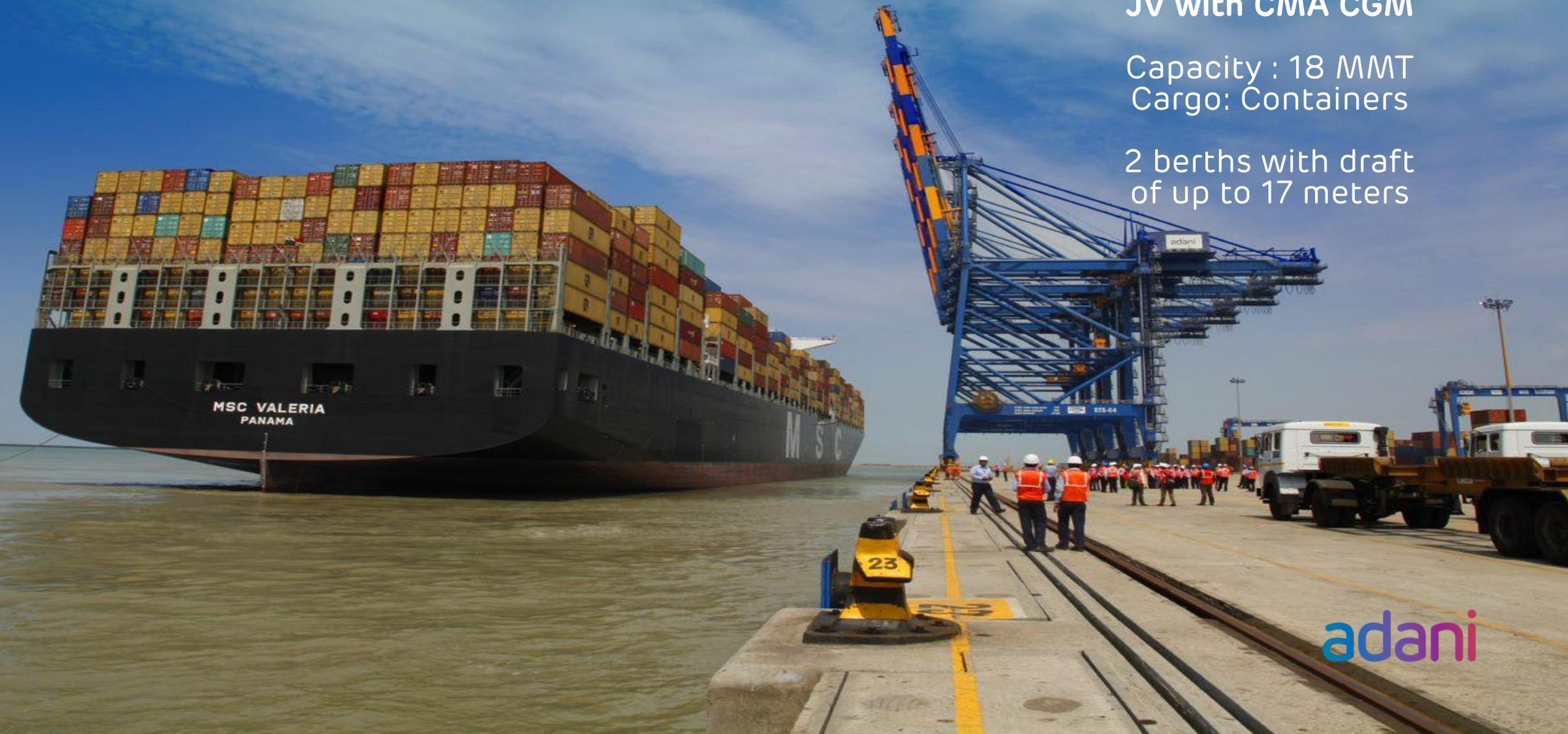
4 berths with draft
of up to 17 meters

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Container Terminal 4 (ACMTPL) – JV with CMA CGM

Capacity : 18 MMT
Cargo: Containers

2 berths with draft
of up to 17 meters



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West Basin

Capacity: 60 MMT
Cargo: Coal



4 berths with draft of up to 19 meters

Dedicated berth for TATA Power
Adani Power and TATA power connected through conveyor

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SPM

Capacity : 50 MMT
Cargo: Crude

2 SPM designed for VLCC



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SPM – Single point mooring

Liquid Terminal

Capacity : 16 MMT

Cargo Type: Chemical, POL, Edible Oil
Automated terminal with 100 tanks
having a capacity of 4.64 Lacs KL





LPG Terminal

Capacity
Phase I: 4 MMT
Phase II: 6 MMT

VLGC compactable
PESO & OISD Compliant

The LPG Terminal is privately owned by the promoters of Adani



The LNG Terminal is jointly owned by the promoters of Adani and GSPC

LNG Terminal

Capacity of 5 MMT

2 Tanks with 160000 KL storage capacity each



Other ancillary facilities @ Mundra Port

Fertilizer Complex

Automated fertilizer bagging complex with a capacity of loading 8-10 rakes / day





Steel Storage Yard

Automated steel complex with 8 goliath cranes





Container & Other Storage Area

Closed godowns - 223,520
square meters

Open storage 3,110,154
square meters

Mundra Rail Infrastructure & supporting infrastructure

32 ICD's
Mundra is Connected to 32 ICD's in North West India

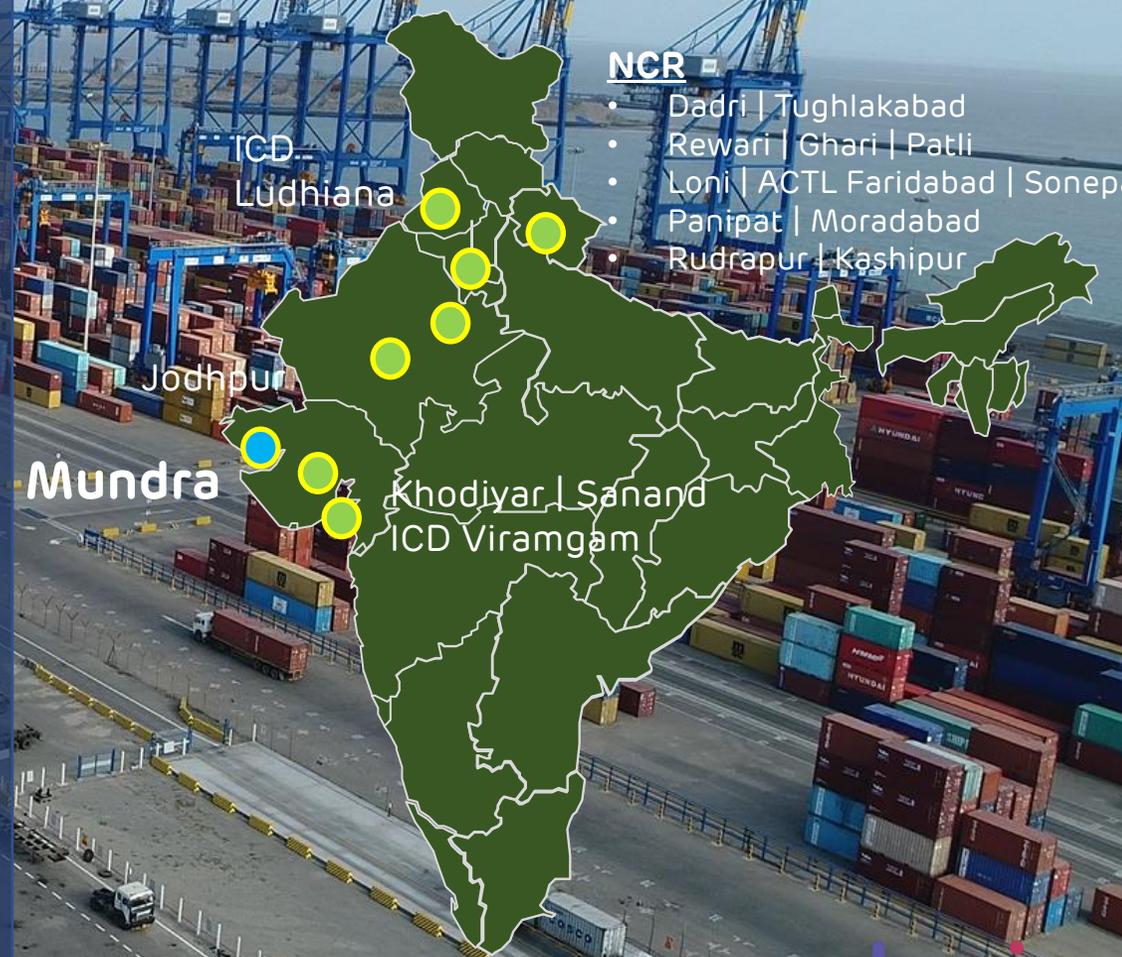
40 Rakes
Only Port on West Coast to Handle 40 Rakes in a Day

8 Rail Heads
Capable of Handling Single and Double Stack Rakes.

76 Kms
Provides connectivity to the India railways network through a privately developed and maintained 76 KM rail line

8 Hrs
Rake Handling time of Double Stack Trains at Mundra. (Unloading + Loading)

2Mn TEUs
Capacity to Handle Rail Volumes at Mundra



SEZ & Industrial Development @ Mundra

Total Land

15000 Hectares

Special Economic Zone

8400 Hectares

Free Trade & Warehousing Zone

140 Hectares

Domestic Tariff Area

6500 Hectares

Multi Modal Connectivity

Rail

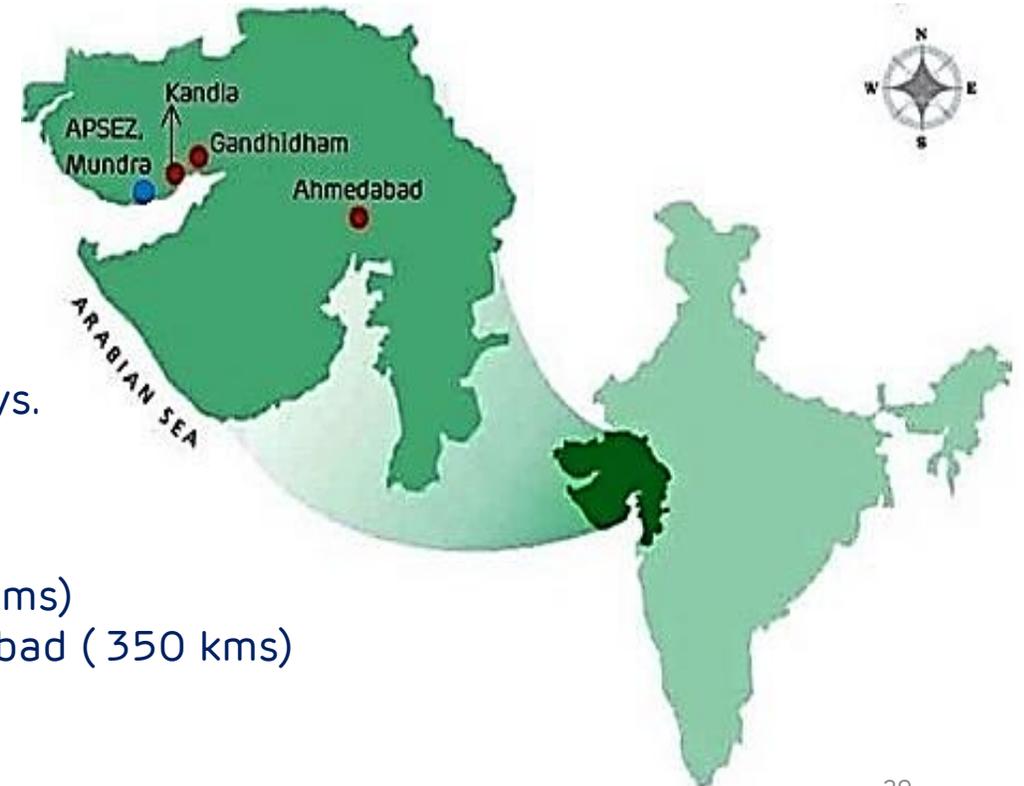
- Nearest railway stations for passengers, Gandhidham and Bhuj

Road

- Connects Mundra to NH8 (Delhi-Mumbai) through extension.
- Additionally connected with National Highway and State Highways.

Air

- Mundra Airport
- Nearest other domestic airports - Bhuj (~60 kms) & Kandla (~50 kms)
- Nearest international airport and air cargo terminal is at Ahmedabad (350 kms)



Mundra Industrial Infrastructure Utility



Total Available Land – 15000 Ha
of which SEZ land is 8,400 Ha

Large contiguous parcel available with all permission for immediate industrial use.

POWER Generation & Distribution

- Ready to connect Power available through utility supplier
- 4620 MW Power Plant within SEZ by Adani Power,
- 4000 MW - UMPP by Tata Power

Water Treatment Plant (WTP)

- 47 MLD desalination plant
- 200 MLD water desalination plant planned
- 60 Kms of water supply line

Common Effluent Treatment Plant

- 2.5 MLD CETP is operational.
- Carters to all the Units and industries in the area.

- Ample availability of Industrial land of 15,000 Ha
- Well-connected through all modes of transport, Air, Rail and Road.
- Industry setting up a turnkey job with power, other utilities available as next-door service

Existing manufacturing units in Mundra

MITAP: Textile Units



Chemical Units



Engineering Units



Social Infrastructure - Planned township of 255 acres for employee's living



255 Ha Gated Adani Residential Township with 6400 Apartment Units and Villas with CBSE affiliated school



Modern Health Centre with Gym, Indoor games like Badminton, Table Tennis, Snooker etc. for recreation.



Convenience Stores, Open Air Theaters, Jogging and Cycling paths



Mundra Industrial Zone: Existing Clusters & Units housing marquée names

CHEMICALS



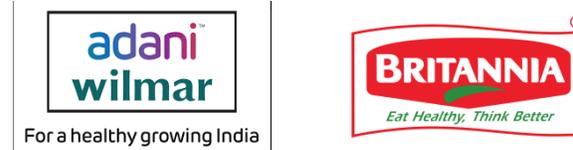
CRUDE & PETROLEUM



TEXTILES



FOOD PROCESSING



ENGINEERING



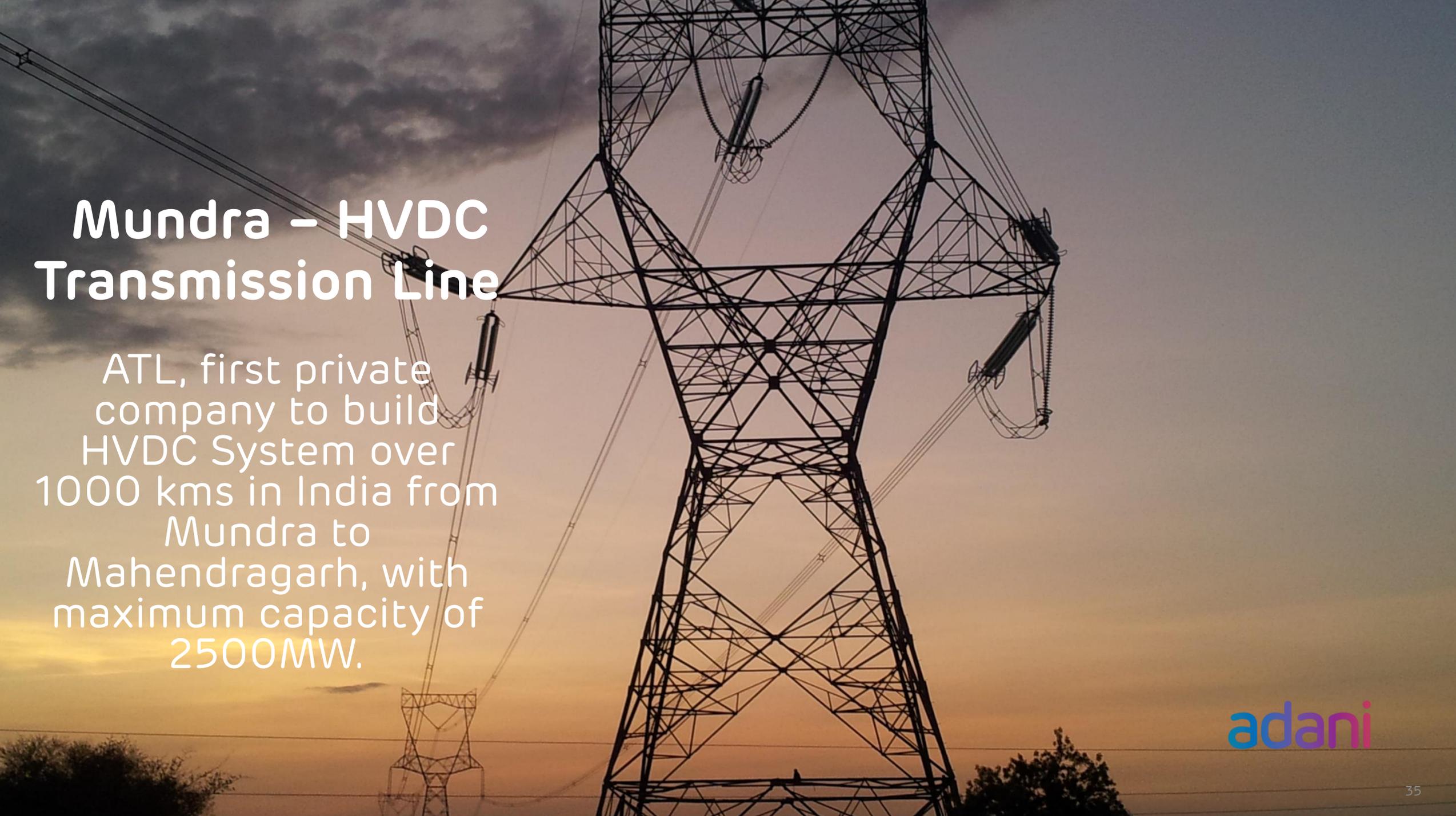
ELECTRONICS



LOGISTICS & WAREHOUSING



Adani Transmission @ Mundra

A large steel lattice tower for an HVDC transmission line is the central focus, silhouetted against a sunset sky with soft orange and yellow tones. The tower's complex structure of cross-bracing is clearly visible. Power lines extend from the tower towards the left and right. In the background, another smaller tower is visible on the horizon. The overall scene conveys a sense of industrial scale and infrastructure development.

Mundra – HVDC Transmission Line

ATL, first private company to build HVDC System over 1000 kms in India from Mundra to Mahendragarh, with maximum capacity of 2500MW.

Mundra-HVDC Transmission Line

Longest private HVDC
line in Asia and India's
fastest executed
HVDC transmission
line with in house
design, engineering,
testing & inspection.



HVDC Transmission system:

- Bulk power transfer
- Lower transmission loss
- Less right of way required
- Transfer power on long cables
- Fast control of power flow
- Stabilizing effect on grid/
parallel AC network
- Can transmit power even when
one pole is down
- Reduced voltage operation is
possible

Adani Enterprises (Solar Panel Manufacturing) @ Mundra

Mundra Solar Panel facility

World's Largest Integrated Cell & Module manufacturing facility under one roof with 1.5 MW capacity



Mundra Solar Panel facility

Efficient Product Mix to cater to various segments of customers globally – Multi, PERC Mono and Bi-facial.

Commitment to technology, scale and cost leadership helps us differentiate.



Mundra Solar Panel Facility

By FY2021, has
shipped >3.3GW
modules globally and
within India

Order pipeline of 3
GW under discussion

Adani Wilmar Plant @ Mundra

Adani Wilmar

Mundra Refinery plant is a state-of-the-art port-based facility

Its one of the largest single location refineries in India with a designed capacity of 4,900 metric tonnes per day (TPD)



Adani Wilmar

- The plant at Mundra has an end-to-end integration from refining to hydrogenation.
- Processing a range of byproducts including vanaspati, margarine, lauric fats, forward integration to process downstream products including oleochemicals and soap bars.
- This end-to-end integration includes a cross country pipeline, large tank farms for storage of crude & refined edible oil, forward integration into oleochemicals and soaps, margarine and bakery related products, etc.



Adani Wilmar

- Completely automated packaging facility for cartons, jars, PET bottles, tins etc.
- **Food Safety at Mundra** – Mundra plant was awarded “Confederation of Indian Industry Award for Food Safety” by the CII in 2020.
- **Water conservation at Mundra Refinery (ESG)** – Our state-of-the-art integrated facility at Mundra refinery has been designed with immense focus on ESG with installation of zero liquid discharge (ZLD) which ensures recycling and reuse of waste water.

Adani Power Plant @ Mundra



India's largest single
location private sector
thermal power plant

Ph I & II: 4x330 MWPh
III: 2x660 MW

Ph IV: 3x660 MW

Total Area: 726 Acres
Green Belt: 342 Acres

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Adani Mundra Power Plant

India's first super-critical power plant
& India's largest single location
thermal power plant

Sea water-based power plant running on imported fuel
Grid connectivity through various lines for Gujarat

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Adani Mundra Power

Connected to Energy Network Operations
Centre at Ahmedabad

Round-the-clock remote monitoring,
analytics, and troubleshooting



Environmental & Social initiatives @ Mundra

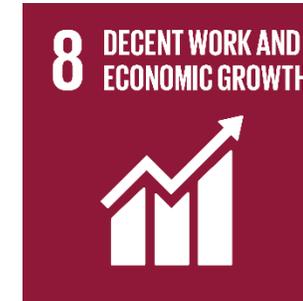
Environmental and Social Initiatives at Mundra

E_{nvironment}

- APSEZ to be carbon neutral by 2025
- Conservation of scarce resources like water
- Preserving Biodiversity by afforestation efforts

S_{ocial}

- Initiatives to change living standard of communities
- Community health, education and safety



Aligned to sustainable growth with a clear focus on preserving the environment and social licensing

Mangrove

Mangrove conservation & Biodiversity

- Enhance diversity of Mangroves
- Increase the faunal diversity and fishery resources
- Improve overall coastal biodiversity
- Nurtured nesting habitats for mud crabs, fishes, and migratory birds

- **2,800+ hectares** of land under conservation
- Nesting of new species birds, crabs in the region
- Livelihood for **500+ fishermen** (200 families) in monsoons
- Fodder for 125+ camels in bad monsoons

Red-wattled Lapwing



Blue Bull- Nilgai



Butterfly -Plain Tiger



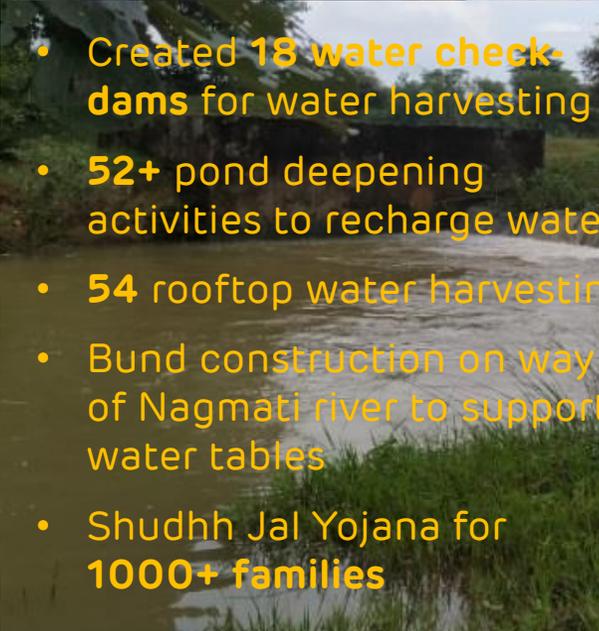
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WATER-SECURE NATION

Pond Deepening, Check Dams, Rooftop Rainwater Harvesting, Recharging Borewells, Deepening of Streams

- Save and recharge water
- Improve water table situation in the region
- Multiple crop cultivation possible for farmers due to water availability
- Clean water availability in the region



- Created **18 water check-dams** for water harvesting
- **52+** pond deepening activities to recharge water
- **54** rooftop water harvesting
- Bund construction on way of Nagmati river to support water tables
- Shudhh Jal Yojana for **1000+ families**

Nurturing young minds from economically challenged background has been a path breaking journey for the communities

ADANI VIDYA MANDIR, BHADRESHWAR



- Launched in June 2012, the School is coed, Gujarati Medium, Gujarat State Board
- Majority students belong to Fisher Folk and Rabari communities (Cattle Breeders)
- complimentary support in transport, uniform, books and healthy meals



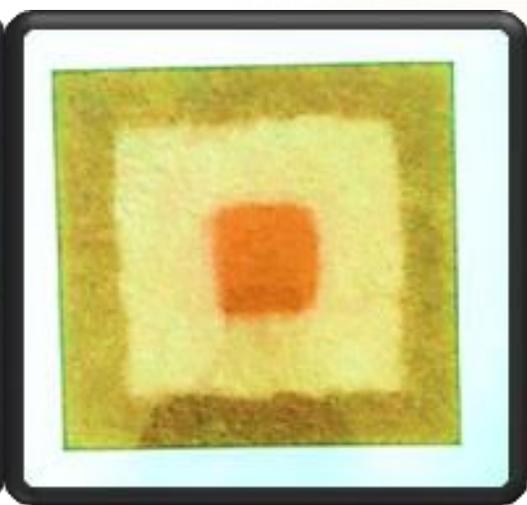
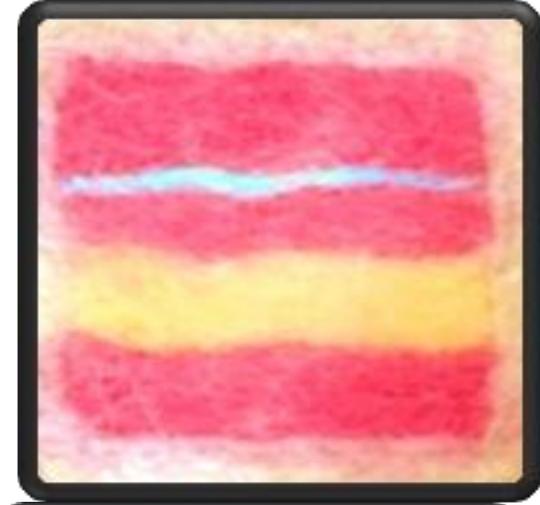
Good health and wellbeing of communities a priority

- Strengthen and enhance medical infrastructure enabling maximum patient coverage
- Improved standards of health education and availability of medically trained staff
- Provide free or subsidised quality healthcare with a social commitment to improve the health parameters
- **Education – 150 MBBS, 51 PG (MD/MS), 30 DMLT seats (Dip in Medi Lab Tech) with Kutch University**



**G K Hospital & Gujarat Adani
Institute of Medical Science, Bhuj**





Supporting local communities and local art, unearthed and brought to light Mr Kareem Mansuri, the only person in the world, knowing 'Namda'



- Revival and rejuvenation of local arts
- Development and longevity through marketable products of extinct arts
- Refurbished workshop and placed orders for corporate gifts to begin journey
- Roped in NID Prof, other institutes to develop universe of products



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Adani Skill Development Center imparting vocational skills to enable local women to earn sustainable livelihood thus empowering them



- Support for SHG formation, banking, loans, records keeping, meetings, govt registration etc
- "Saheli" groups receive Initial Funding, Training and Marketing support
- SHGs in – Pad Making, Detergents, Mud work etc
- ASDC for – Crane Operators, Beauty Parlour, Stitching, Computer etc

Mundra ESG – Stories of change - impact in numbers...



Environment

2800+

Hectares of Land under Mangroves Conservation

41000+

Plantations at Smriti Van of 115 varieties

18

Check Dams constructed for Water Conservation

Social

15

SHGs under 'Saheli' initiative for Women

117

Home Biogas Plants installed in 5+ villages

31000+

Beneficiaries of Health Initiatives in FY21

1576

Beneficiaries enrolled in Govt Schemes in FY21

231

Students of UG and PG at GAIMS Bhuj

8700+

Health Cards issued for Sr Citizens in 68 Villages

500+

Fisherman employed in Mangroves Plantation

750

Bed Civil Hospital under PPP model at Bhuj

2000+

Students under Utthan initiative in 17 Schools

Thank You

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