



PARADIP PORT TRUST

2ND JAPAN-INDIA BUSINESS SEMINAR

CONTRIBUTION TO SUSTAINABLE
DEVELOPMENT GOALS (SDGS) IN THE
ENVIRONMENT, PORT & LOGISTIC AREAS





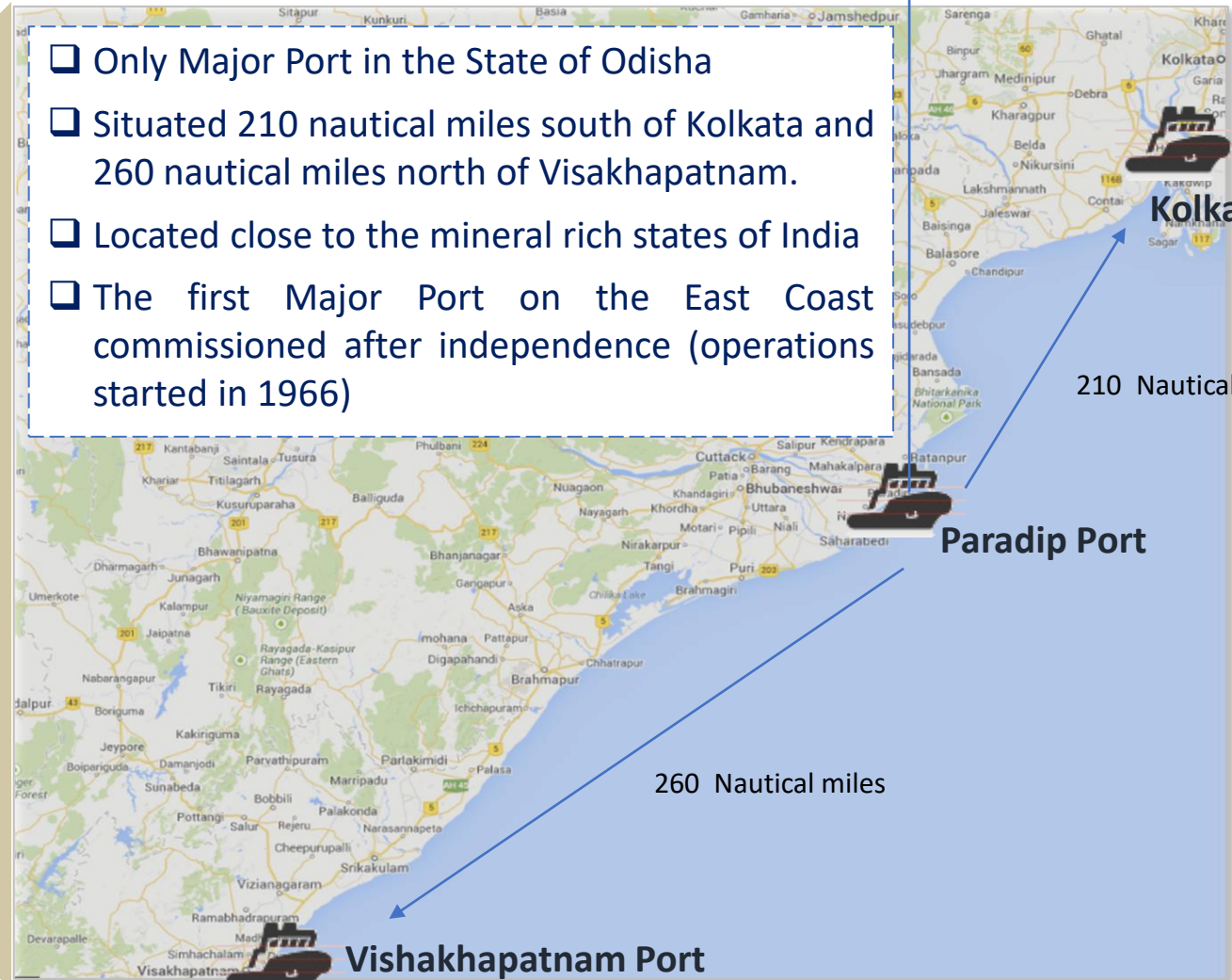
LOCATION

PARADIP PORT TRUST

Present Rated Capacity: 312 MTPA (22 Berths)

Capacity Addition in Pipeline: 65 MTPA

- ❑ Only Major Port in the State of Odisha
- ❑ Situated 210 nautical miles south of Kolkata and 260 nautical miles north of Visakhapatnam.
- ❑ Located close to the mineral rich states of India
- ❑ The first Major Port on the East Coast commissioned after independence (operations started in 1966)



Kolkata Port

210 Nautical miles

Paradip Port

260 Nautical miles

Vishakhapatnam Port



CARGO HANDLING

88.96	102.01	109.28	112.69	114.55
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CARGO HANDLED IN LAST 5 YEARS (IN MMT)

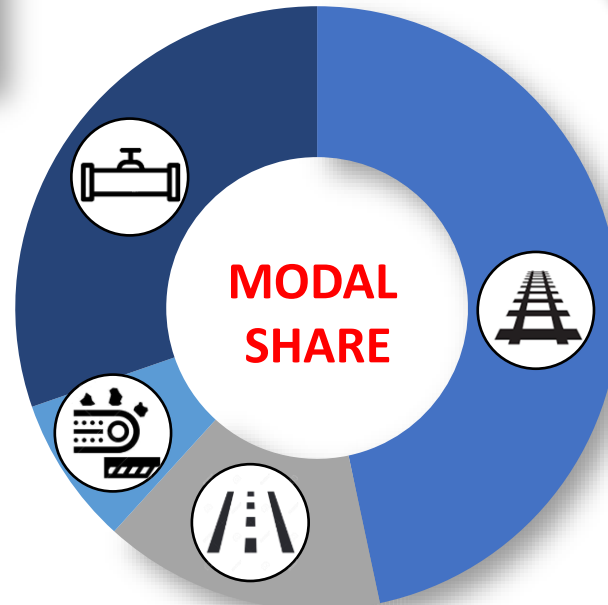
FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21
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Rail ~ 47%

Pipeline ~ 30%

Road ~ 15%

Conveyor ~ 8%



Crude &
POL Products ~ 30%

Other cargo including
Containers ~ 10%

CARGO PROFILE

Dry Bulk Mineral Cargo ~ 60%
(Coal, Iron Ore, IO Pellets, etc)

EMP MEASURES
IMPLEMENTED
(DUST
SUPPRESSION
SYSTEM)



WAGON TIPPLER

Dry fogging dust suppression system uses a special air-atomizing nozzle to produce dry fog that agglomerate and remove airborne dust particles from various material handling operations



RRS @ MCHP



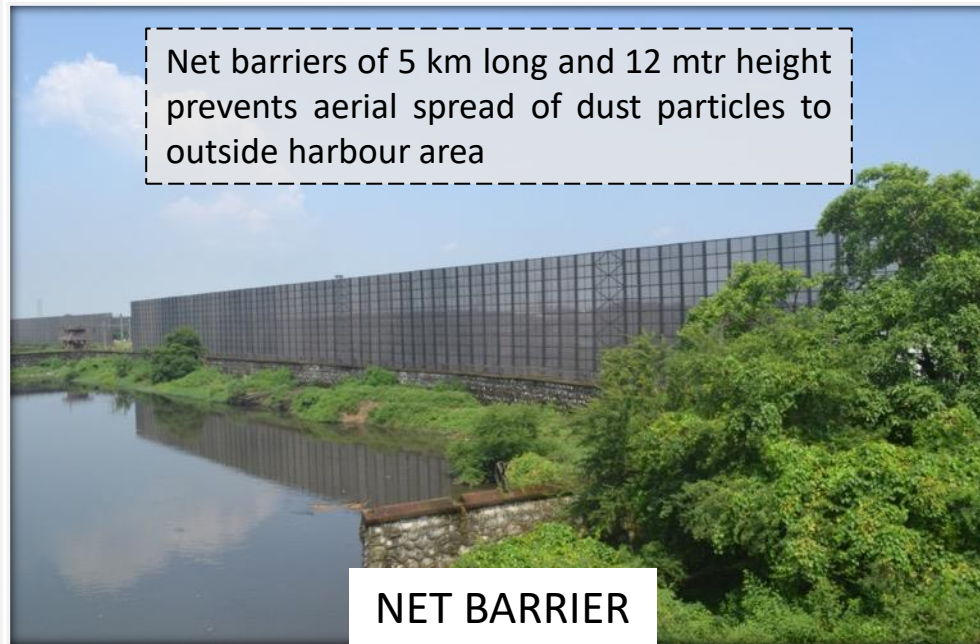
STACKYARD

Water sprinklers are used in the stack yard to prevent pollution during stacking/reclaiming operations



IOHP

**EMP MEASURES
IMPLEMENTED
(DUST CONTROL)**



Net barriers of 5 km long and 12 mtr height prevents aerial spread of dust particles to outside harbour area

NET BARRIER



Mobile mist cannons are used for spraying water mist at manual cargo handling sites, roadside sprinkling and sanitization for Covid19 prevention

MIST CANNON (2 NOS)



Roadside sweeping machines are used for effective cleaning and controlling dust pollution on roads

ROAD SWEEPING MACHINE



Truck wheel wash systems installed at exit gates are used to clean truck wheels to prevent dust pollution from truck movement in outside of harbour area

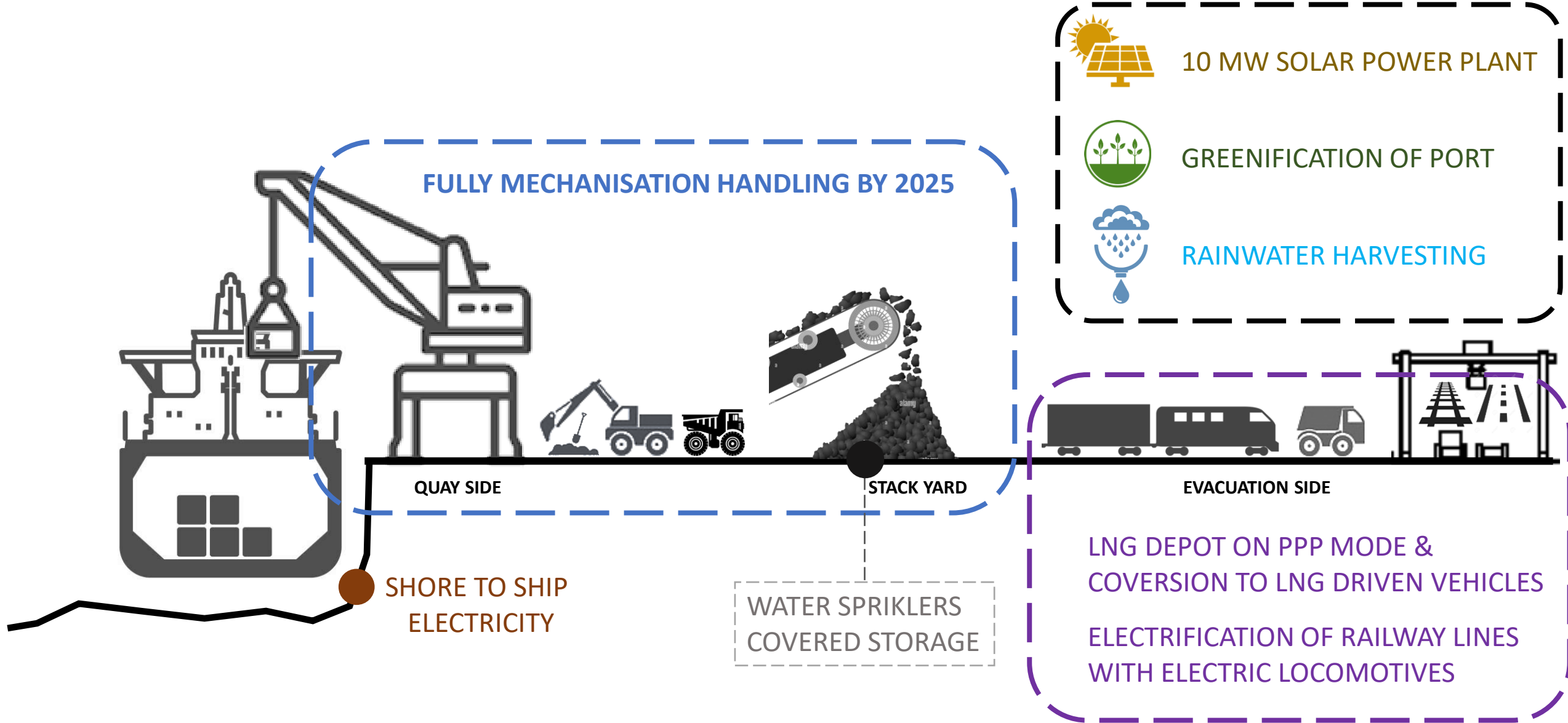
TRUCK WHEEL WASH SYSTEM (2 NOS)

**SEWAGE
TREATMENT PLANT
3 nos of 6.5 MLD
Capacity**





FUTURE GOAL: COMPLETE POLLUTION FREE PORT





THANK YOU