



सत्यमेव जयते

GOVERNMENT OF GUJARAT

Mega Projects in Gujarat

Avenues for investments

Mega Projects: Gujarat Overview



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DMIC & DFC

Gujarat sector of the Delhi-Mumbai Industrial Corridor and Dedicated Freight Corridor



Dholera SIR & Airport

India's first Greenfield Smart City



Mandal Becharaji SIR

Industrial Hub in Northwest of Ahmedabad over 102 sq. kms



GIFT City

India's first financial services centre



Ahmedabad- Mumbai High Speed Rail

High-speed rail line connecting Ahmedabad and Mumbai



Greenfield Ports Development

Two previously commissioned ports to now be revived by Gujarat Government



Coastal Employment Zone

Promoting development of port-proximate industrial clusters



Offshore Wind Farm

1,000 MW Offshore Wind Farm Project in Gujarat





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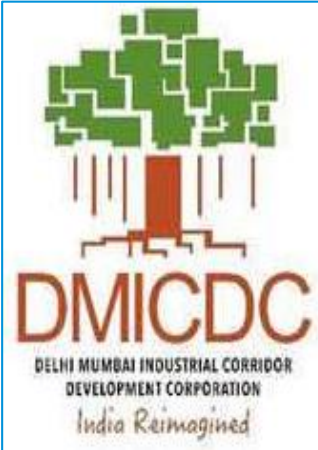
Mega Projects: Avenues for investment

1	Delhi Mumbai Industrial Corridor (DMIC) & Dedicated Freight Corridor (DFC)
2	Dholera SIR & Dholera Airport
3	Mandal- Becharaji Special Investment Region (SIR)
4	Petroleum, Chemicals and Petrochemicals Investment Region (PCPIR)
5	Gujarat International Finance Tech (GIFT) City
6	Ahmedabad-Mumbai High Speed Rail
7	Greenfield Ports Development
8	Coastal Employment Zones (CEZs)
9	Offshore Wind Farm

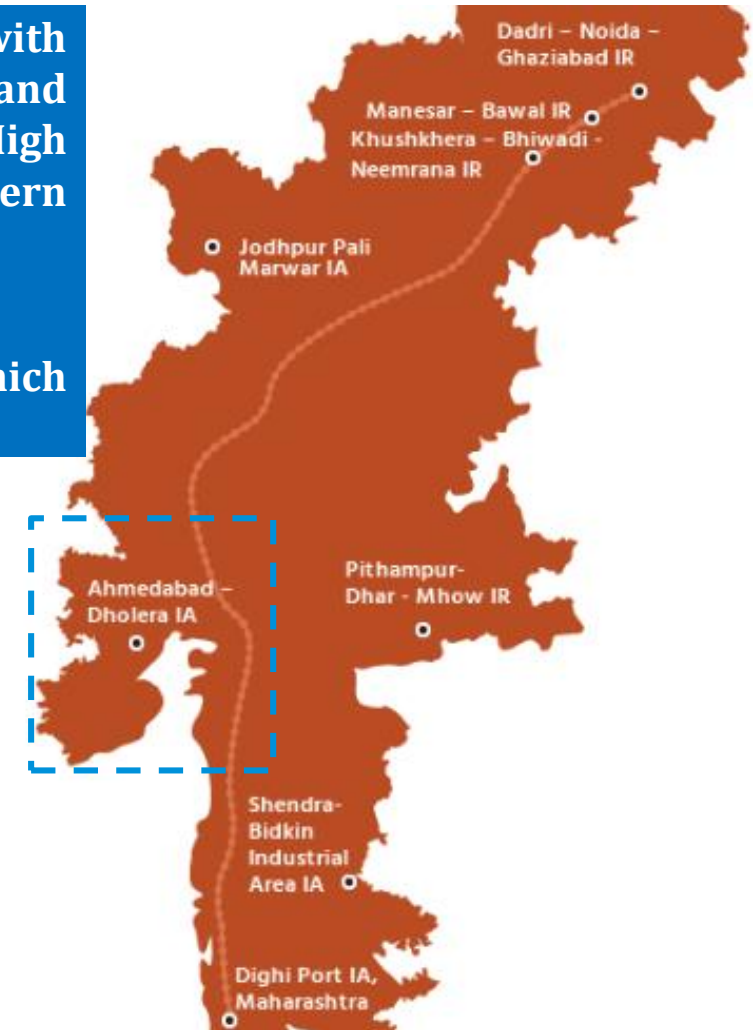
Delhi Mumbai Industrial Corridor (DMIC)



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- DMIC is India's most ambitious infrastructure programme with emphasis on expanding the manufacturing and services base and aim of creating futuristic Industrial Cities by leveraging the "High Speed - High Capacity" connectivity backbone provided by Western Dedicated Freight Corridor (DFC).
- Estimated investment in the project is USD 100 billion.
- Eight manufacturing cities are being developed in PHASE I of which DHOLERA in GUJARAT is one of them



Key information

Investment Made & Committed in Manufacturing	\$ 27.4 billion (INR 1,75,858 Crore)
Investment in units that have commenced operation	\$ 10.9 billion (INR 69,869 Crore)
Investment in units that are under implementation	\$ 16.5 billion (INR 1,05,989 Crore)
Investment on Infrastructure Development	\$ 2.5 billion (INR 16,059 Crore)

Dedicated Freight Corridor (DFC)

- 'Dedicated Freight Corridors' are planned to make it cheaper, faster, and more reliable to move goods between industrial heartlands in the North and ports on the Eastern and Western coasts of India.
- The cost for these Dedicated Freight Corridors along the Eastern and Western routes, spanning 3,360 route km, has been estimated at USD 12 billion.

The Western Dedicated Freight Corridor covers a distance of 1504 km of double line electric (2 X 25 KV) track, of which 565 kms. will pass through Ahmedabad, Vadodara, Surat, Ankleshwar, Bharuch, Anand, and Palanpur in Gujarat

Investment Opportunities:

- Infrastructure development
- Logistic Parks
- Industrial Parks
- Food parks and Cold Chains
- Warehouses



Dholera Special Investment Region



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DSIR will be the biggest beneficiary of DMIC and DFC

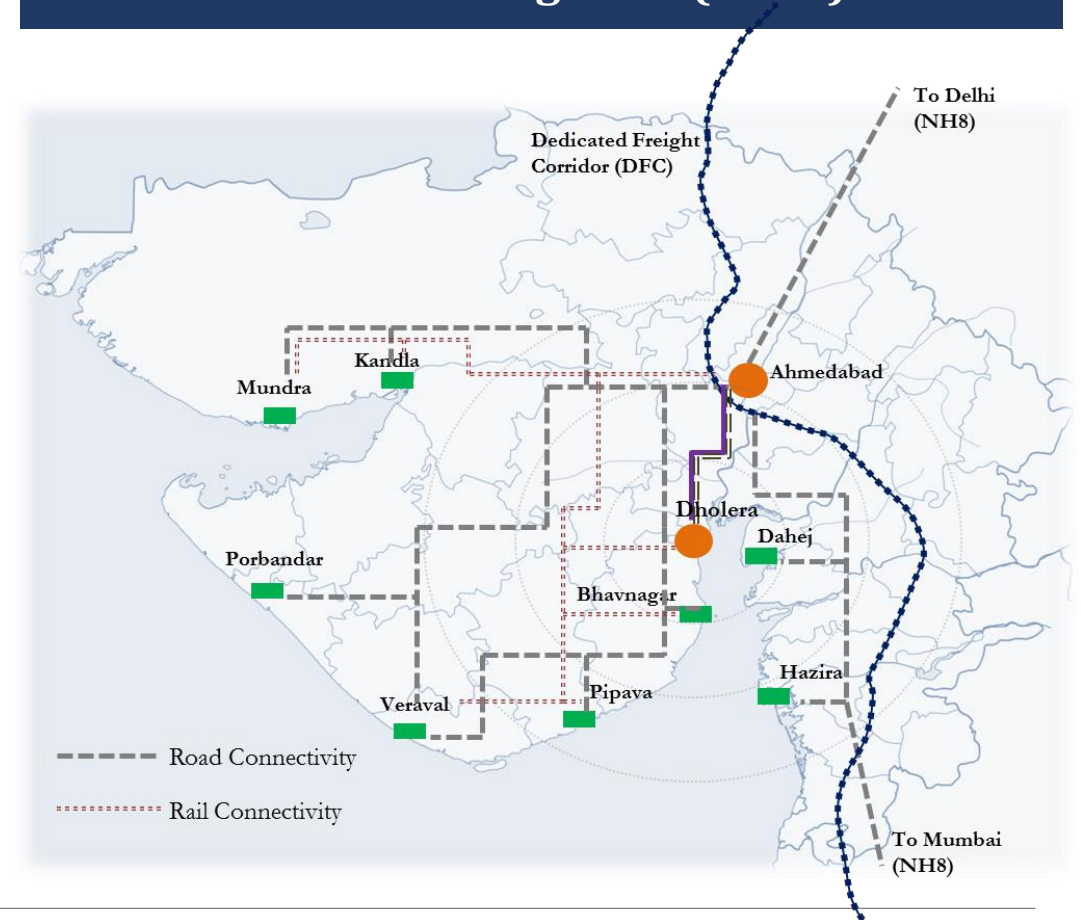
Declared as National Investment Manufacturing Zone (NIMZ)

DSIR Advantages:

- Large & contiguous land parcels for industrial development
- Long term growth potential
- Fully serviced plots – Plug & Play
- Smart & Sustainable Social infrastructure

Investment Opportunities in sectors:

- Defence & Aerospace
- Heavy Engineering
- Automobiles & Auto Ancillary
- Electronics, Hi-tech Technologies
- Agro & Food Processing



Dholera SIR is within the proximity of Delhi-Mumbai Industrial Corridor



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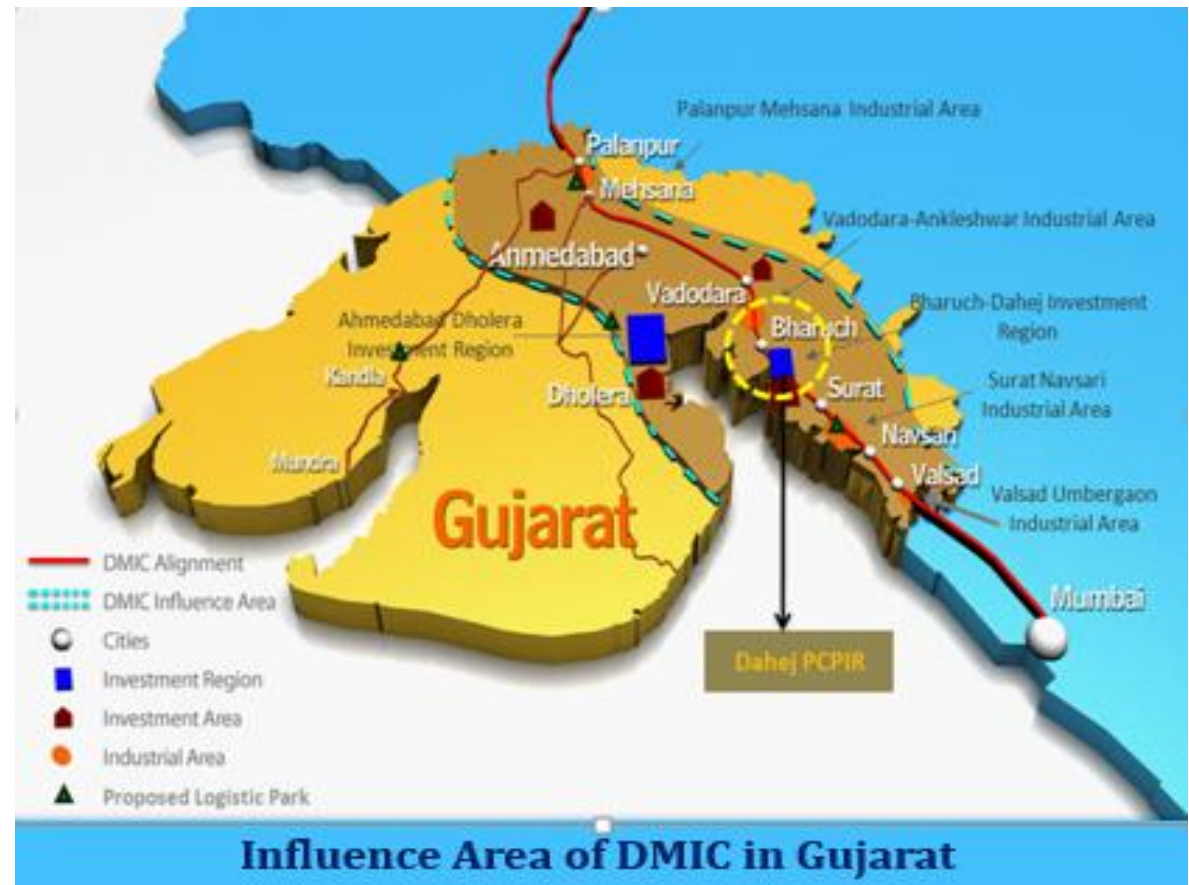
High Impact industrial area within 150 km on each side of the Freight Corridor

GoI is developing DMIC as a global manufacturing and investment destination utilizing the, high-capacity western Dedicated Railway Freight Corridor (DFC) as the backbone

36% of the 1500 km DFC is through Gujarat (565 km) with 6 nodes including Ahmedabad - Dholera node

Large scale infrastructure projects expected at an approximate investment of USD 90 billion

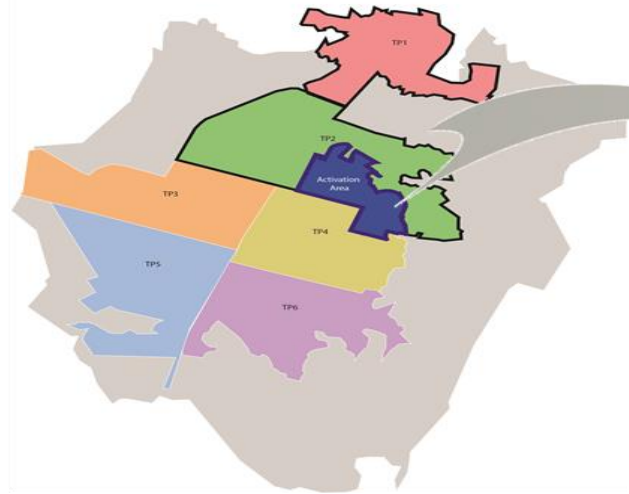
Around 60% of the total investments likely to be in Gujarat



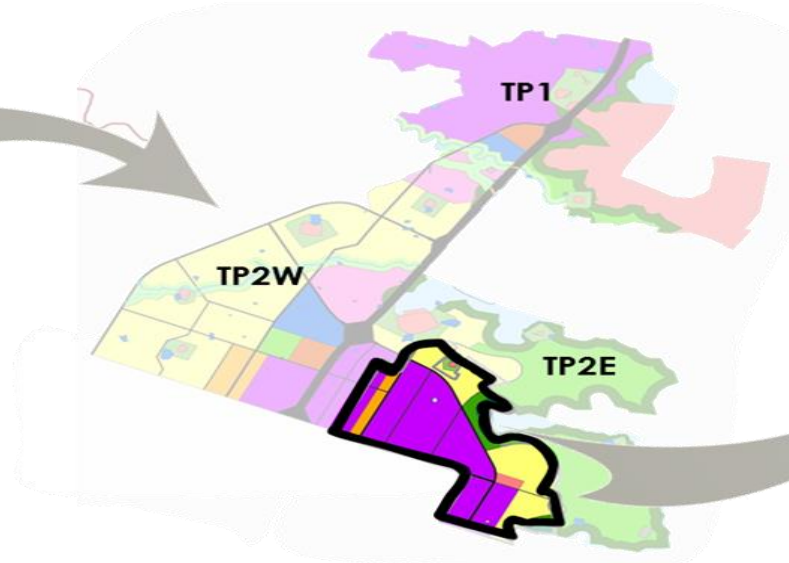
Dholera Special Investment Region



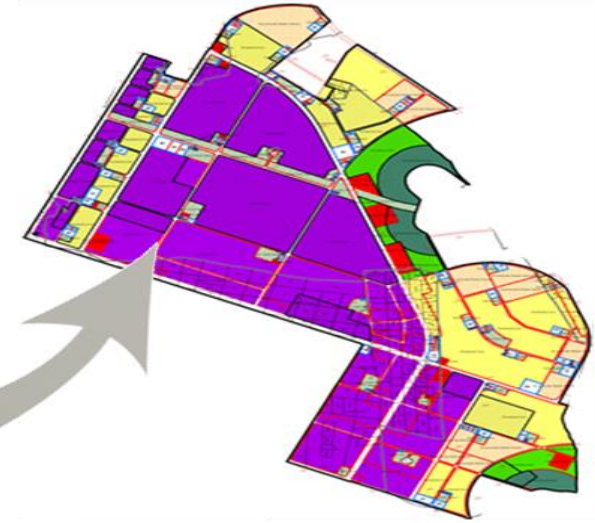
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Dholera SIR (TP1 to TP6)
422 Sq Km



DSIR Phase I (TP1 & TP2)
153 Sq Km



Activation Area
22.54 Sq Km

Determinants

Unit

Total notified area

920 sq. km.

TP area (Developable)

422 sq. km.

Total jobs (estimated)

827,000

Supported population

2.5 million

Landmark Development: Airport, Smart City and Solar Plant



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- India's **largest Greenfield Industrial Smart City** with an area of **422 sq km**
- **First 'Platinum' rated** green city by IGBC
- Construction work for roads, services and utilities costing INR 2700 cr is in progress; completion by 2019
- Total area identified for Airport development is 1426 hectares. The airport is slated to have two runways capable of handling wide-bodied long-haul aircrafts such as the A380.
- Land parcels ready for allotment through Electronic Land allotment system (ELMS)



1

Dholera International airport to be developed on a Public Private Partnership ("PPP") basis; and to develop the surrounding regions in terms of civic infrastructure

2

Dholera SIR to be developed as a smart city operational in 2019; Potential for collaboration in co-development of smart housing, transport and utilities

3

Worlds largest Solar Power Plant of 5000 MW to be developed on 11,000 hectares with investment of > US\$ 3.5 billion

Mandal Becharaji Special Investment Region (MBSIR)

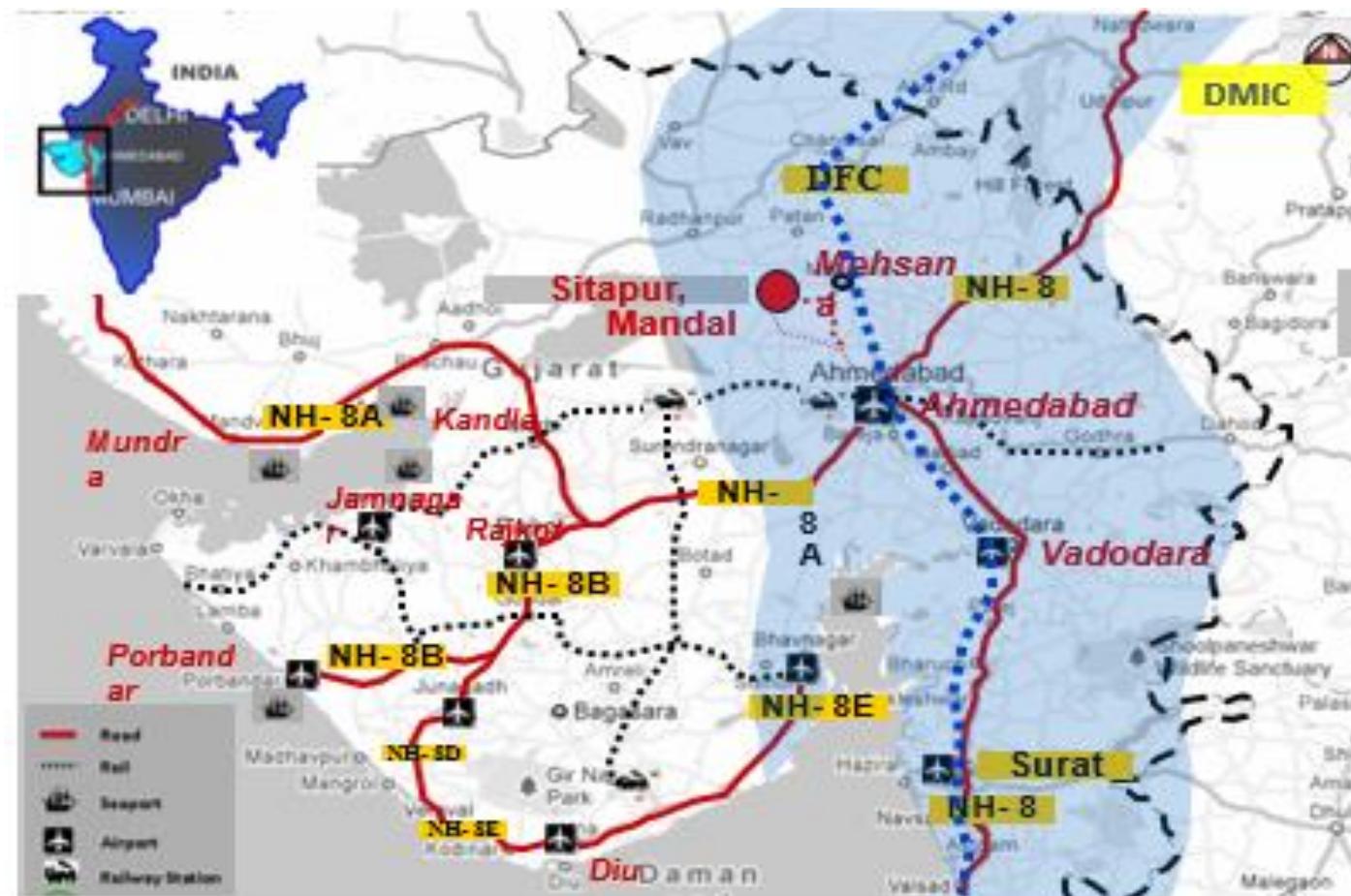


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MBSIR Industrial hub being developed in north-west of Ahmedabad spread over an area of 102 sq. kms.

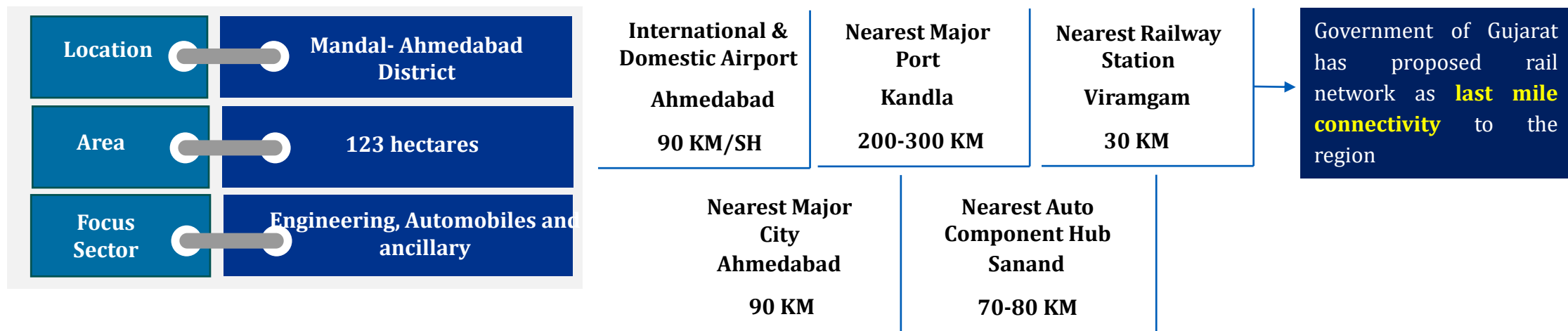
A Japanese Industrial Zone is being developed at MBSIR which will be home to major auto companies like Suzuki Motor Corp., Honda Motorcycles and Scooter India Pvt. Ltd, and Toyota Tsusho India

Airport	Ahmedabad (89 km)
Nearest Urban Areas	Ahmedabad, Kadi, Surendranagar, Mehsana
Nearby Ports	Mundra (300 km) Kandla (240 km)



Japanese Industrial Estate @ GIDC Mandal

“Gujarat’s first Country specific industrial estate with an area of 123 hectares delineated for Japanese companies”



Presence of Japanese Companies in the Estate

Name of the Company	Area in Sq m	Name of the Company	Area in Sq m
Technotrends Autopark Pvt. Ltd	2,54,548	Murakami Corporation	30,953
MA Extrusion India	41,614	Topre Corporation	1,02,730
Roki Minda Company	31,614	Sanko Gusai Technology (I) Pvt. Ltd	28,998
TS Tech (Mandal Pvt. Ltd)	20,000	Munjal Kiriu India Pvt. Ltd	38,021

Petroleum, Chemicals and Petrochemicals Investment Region (PCPIR)

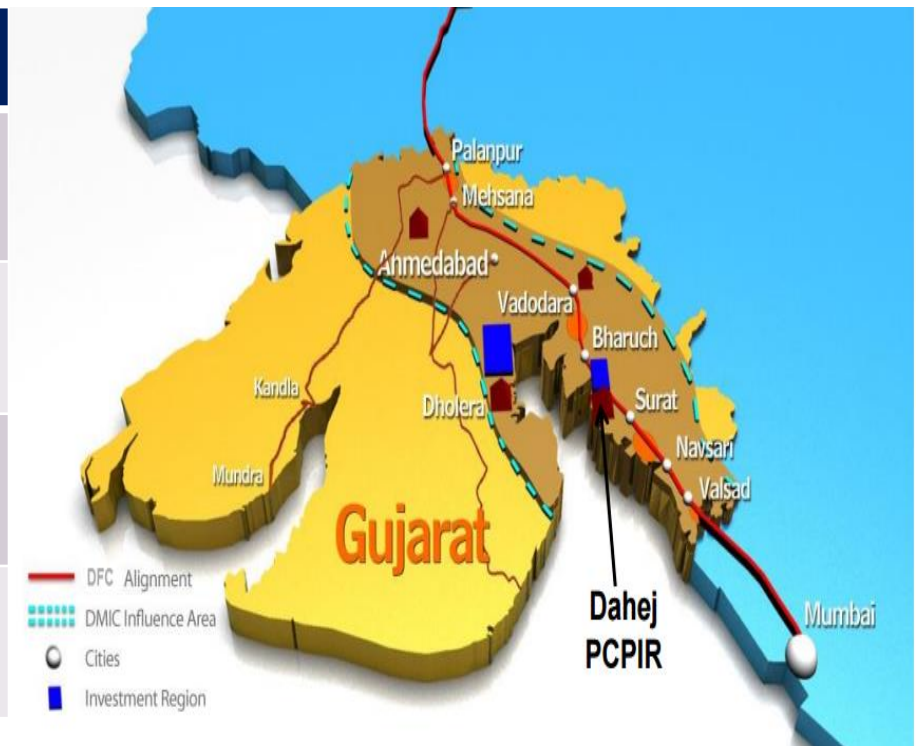


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- Special delineated investment region of 453 sq. km. planned for the manufacturing of petroleum products, chemicals and petrochemicals
- World class 1.1 MMTPA multi-feed cracker - investment of \$ 4.6 Billion (INR 30,000 Crore)
- Presence across the entire chemical value chain which enables cost competitive production

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GIDC Saykha Chemical Zone



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Saykha Industrial Estate, developed by Gujarat Industrial Development Corporation is part of Gujarat PCPIR, and lies within the impact area of Delhi Mumbai Industrial Corporation



Location:
Within PCPIR - Bharuch District (Non-SEZ area)



Total Area: 1,01,339 m²
Land Price: \$25/m²



Closest ports:
• Dahej – within PCPIR
• Hazira – 135 kms
Railway Station:
• Bharuch -12 kms



Electricity cost, excluding taxes (\$/KWh) :
Approx. 0.107



Water availability: 50 MGD
Water cost, excluding taxes (\$/m³): Approx. 0.445

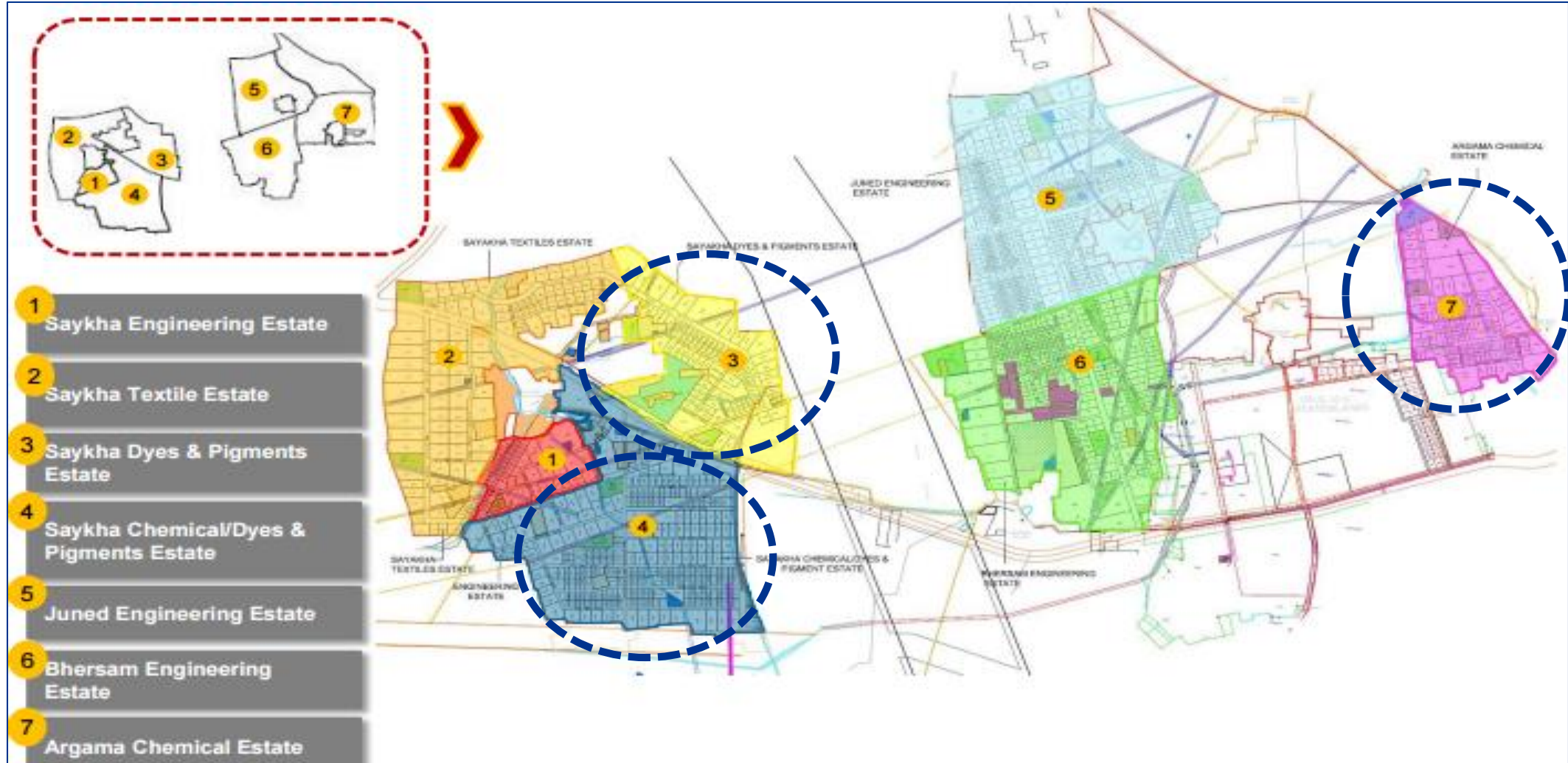


LNG available in region (SCM)/day): 31.92 MMTPA
LNG cost, excluding taxes (\$/SCM)): Approx. 0.385

Saykha industrial estate plan



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Gujarat International Finance Technology (GIFT) City



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GIFT is conceptualized as a multi-services SEZ with India's 1st International Financial Services Centre (IFSC)

Foreign firms can raise capital in foreign currency by issuing and listing their shares on stock exchanges within the IFSC

It is estimated that GIFT would provide 500,000 direct and an equal number of indirect jobs

Walk to work culture: Offices can be set up at cost effective rate with locational advantage and modern infrastructure

Firms can undertake offshore transaction in the field of Banking, Insurance & Capital Markets, IT & ITeS /BPO Services for financial services

Some of the major investors in GIFT city are Oracle, World Trade Centre, State Bank of India, BSE Brokers Forum, LIC, Tata Communications, New India Assurance, iPlex India Pvt. Ltd., Prestige Group, Sobha Ltd., Sterling etc.



Ahmedabad-Mumbai High Speed Rail



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Based on the cooperation between the Governments of Japan and India, National High Speed Rail Corporation Limited (NHSRCL) is implementing the **high speed train** corridor project between **Ahmedabad and Mumbai**.

508 km

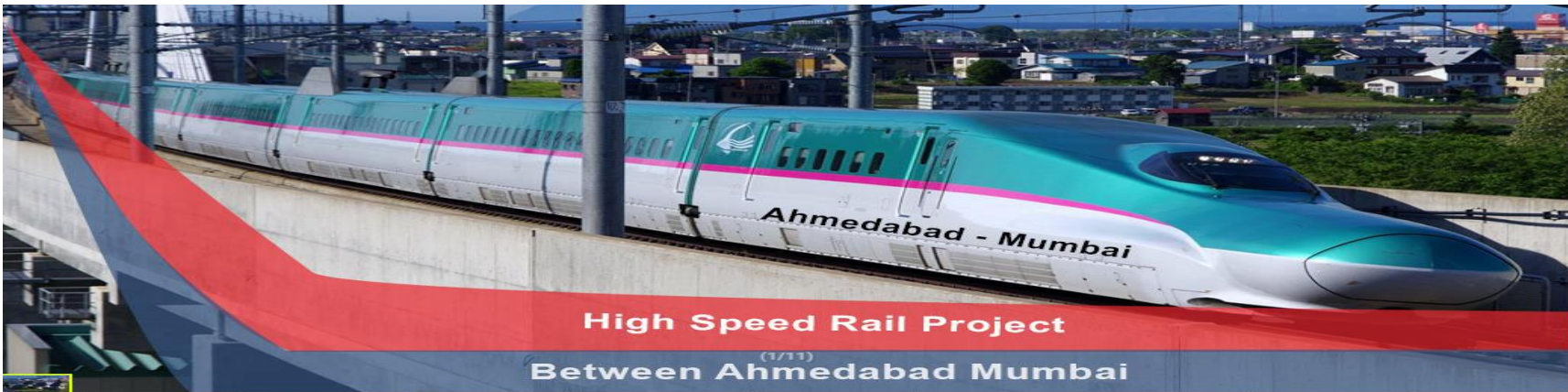
Total length of the rail corridor

US \$ 9.7 billion

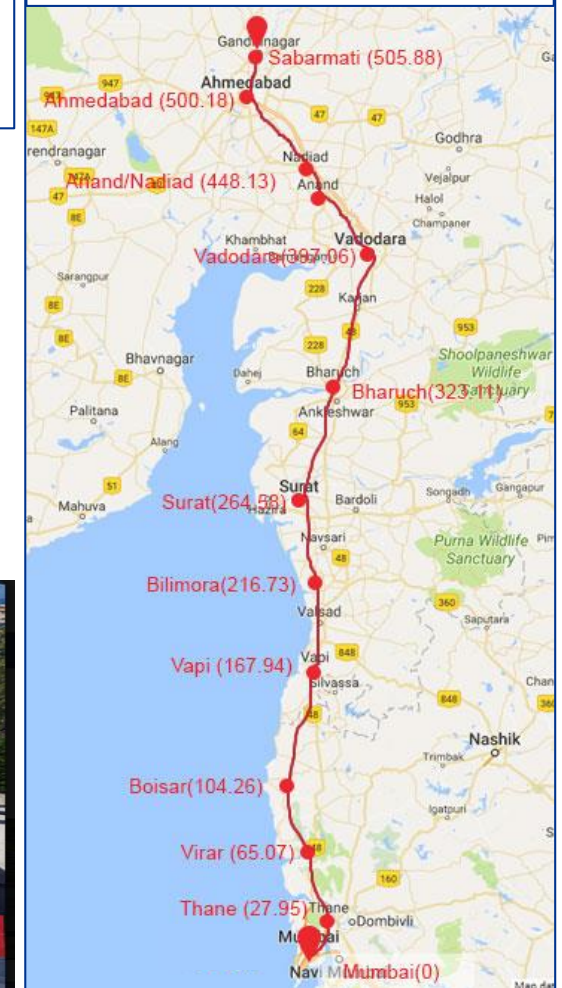
Estimated cost of implementation of the project

Investment Opportunities

Manufacturing of railway tracks, locomotives, coaches, parts / materials, development of IT systems, construction, and civil works



Proposed Route

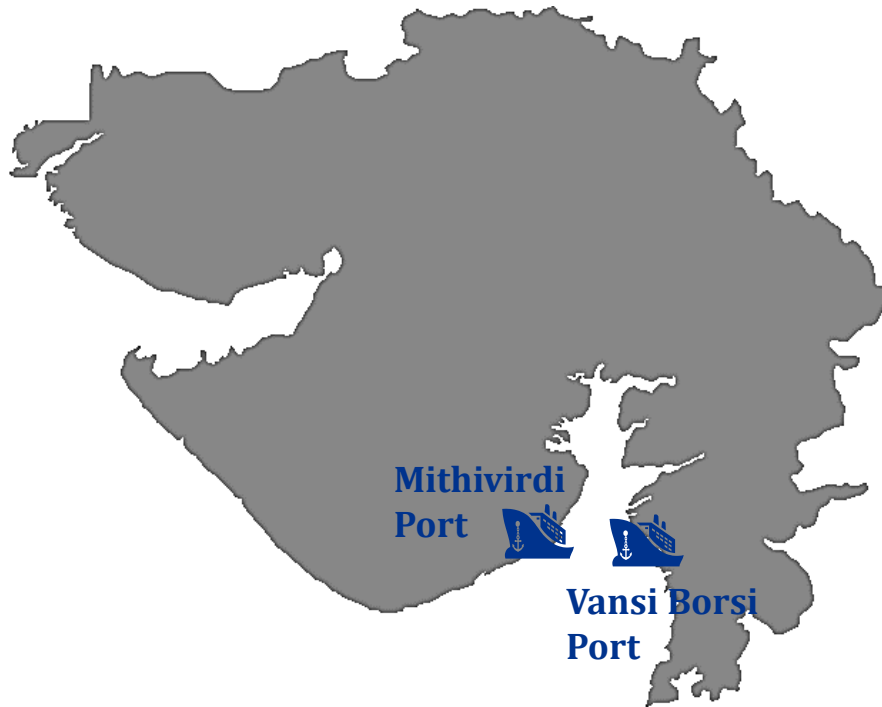




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Greenfield Port Development

Ports commissioned to be revived in Gujarat



Vansi Borsi Port

Originally planned to handle chemical, petroleum and oil cargo due to proximity to respective production clusters although developers can additionally focus on setting up container terminal facility

Mithivirdi Port

Originally planned to be a steel port due to proximity to Alang shipbreaking yard however a developer can look to set up LNG/PNG terminal at Mithivirdi port in the future

The proposed multi-purpose, all-weather ports will have direct berthing facilities and draughts of 13-15 mts.

US\$ 615 million
(INR 4,000 Crore)

-- Development cost of Vansi Borsi Port

US\$ 385 million
(INR 2,500 Crore)

-- Development cost of Mithivirdi Port

Coastal Employment Zones (CEZs)



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Government of India is developing three coastal economic zones in Gujarat and has identified six sites in the state in the first phase under the Sagarmala scheme.

Kandla

Petrochemicals

Mundra

Cement

Pipavav

Furniture

Sikka

Apparel

Dahej

Automotive

Hazira

Marine



These CEZs are aimed at promoting **development of port-proximate industrial clusters**, and will encourage port-led development and lead to reduction of logistics cost and time for movement **enhancing the global competitiveness** of Indian manufacturing sector.



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Offshore Wind Farm Project



India's first off-shore wind farm project is coming up on a **sea bed area of 70 sq. km. with a capacity of 1 GW at Pipavav** near the Gulf of Khambhat, approximately **25km off the shore of Gujarat**

First Offshore Wind Project of India (FOWPI) is a project supported by the Ministry of New and Renewable Energy (MNRE) and National Institute of Wind Energy (NIWE) and funded by European Union (EU) with the aim to strengthen India's offshore wind energy sector

The first offshore LiDAR has been installed in Gulf of Khambhat in Gujarat for measurement of wind resource

NIWE has floated global 'Expression of Interest' (EoI) for which more than 30 companies have shown interest

Manufacturing
of wind turbines
and components

Construction of
foundations

Laying of
transmission
networks

Business Opportunities

Installation,
Operation &
Maintenance

Shipping &
Logistics

Port
Operations

Thank you

The image features a solid dark blue background. In the center, the words "Thank you" are written in a white, serif font. Below the text, there is a large, abstract graphic composed of several overlapping, wavy bands of color. From left to right, the colors transition from bright yellow to orange, and finally to a deep purple. The bands are layered, creating a sense of depth and movement. The graphic starts on the left side of the frame and flows towards the right, where it meets a white, curved shape that resembles a stylized wave or a partial circle.