



TRADE FACILITATION THE DIGITAL TRANSFORMATION



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GOODS AND SERVICES TAX (GST)

- **‘One Nation-One Tax-One Market’**
- **Improved Logistics due to GST**
 - A typical truck spent 20% of its time at inter-State checkpoints
 - Trucks covering 225 kms a day pre GST now cover 300 – 325 kms per day post GST
- **Warehousing**
 - Companies were forced to put up and maintain warehouses in every State due to different taxation slabs
 - GST does away with the need to have a separate warehouse for every State. This means a leaner and smarter logistics chain



GST- eWay BILL

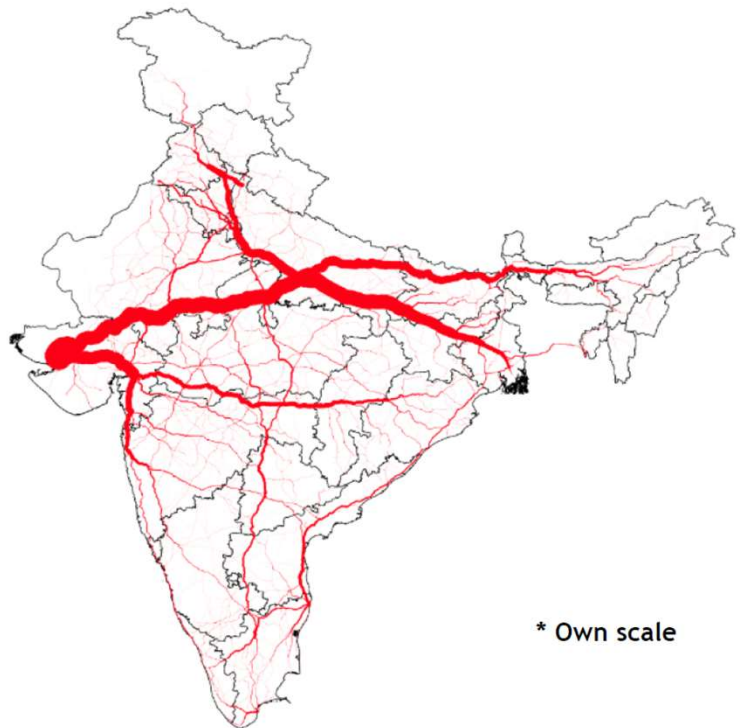


- The introduction of e-Way (electronic way) bill is a monumental shift from the earlier **“Departmental Policing Model”** to a **“Self-Declaration Model”**.
- eWay Bill helps in tracking of the movement of commodities that leads to better decision making for ease of doing business and infrastructure planning

GST- eWay BILL

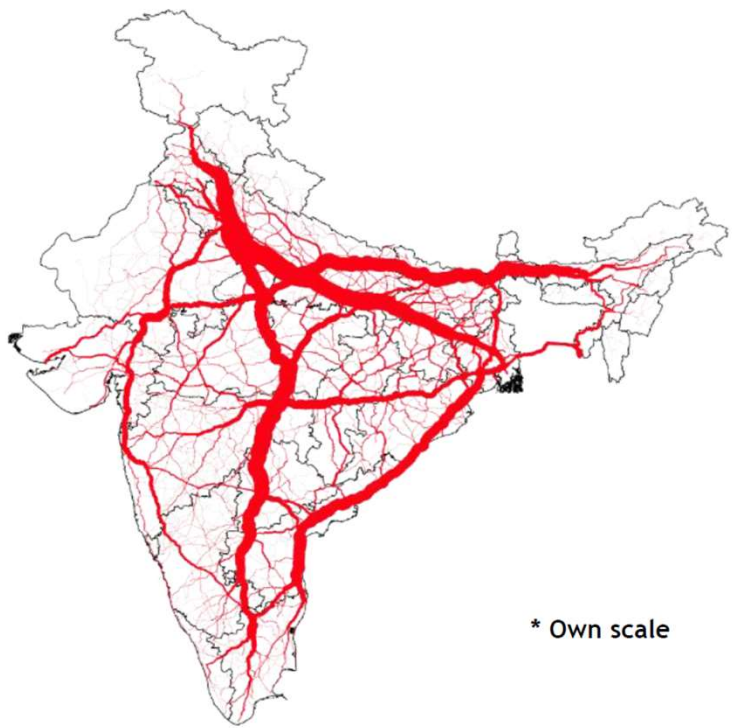


Leading to Freight flow for Cereal grains



* Own scale

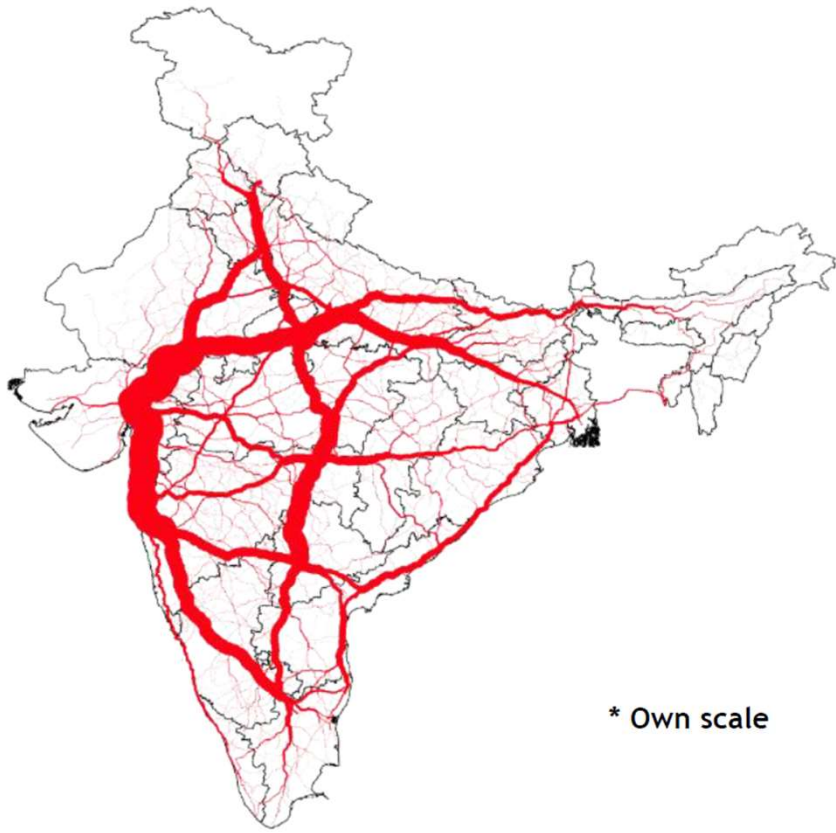
Leading to Freight flow for Rice



* Own scale

GST- eWay BILL

**Leading to Freight flow for
Pharmaceuticals**



* Own scale

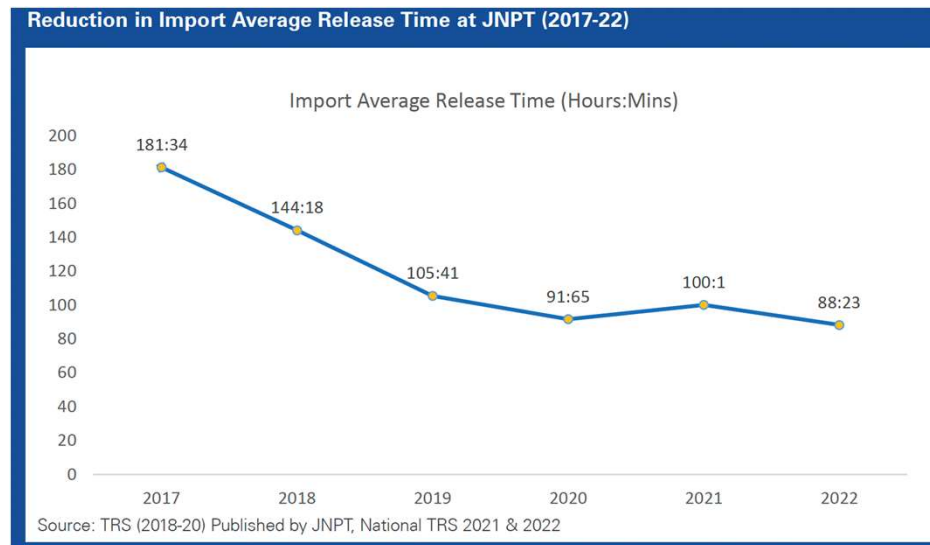
CUSTOMS INITIATIVES

- Customs has completely reengineered its processes through end to end digitization, which includes E-Sanchit, Single Window Interface for Trade Facilitation (SWIFT), Turant Customs to make Indian Customs completely paperless, faceless and contactless.
- **e-Sanchit (Storage and Computerized Handling of Indirect Tax Documents):** It is an online application launched in Oct 2017 that allows a trader to submit all supporting documents for clearance of consignments electronically with digital signatures. By using e-SANCHIT, traders do not have to approach different regulatory agencies with hard copy of documents thereby making the entire process of consignment clearance faceless and paperless.

CUSTOMS INITIATIVES

- **Single Window in Customs:** Customs has introduced SWIFT (Single Window Interface for Facilitating Trade) SWIFT facility allows parties involved in trade and transport to lodge standardized information and documents with a single-entry point to fulfil all import, export, and transit-related regulatory requirements. Presently, 54 partner government agencies have enabled uploading of their documents on SWIFT.
- **TURANT-** Under the umbrella of Turant Customs CBIC has implemented several reforms which are aimed to make Indian Customs into a faceless, contactless, and paperless organization.
- **Compliance Information Portal (CIP):** CBIC has launched Indian Customs Compliance Information Portal (CIP) in August 2021 to provide free, easy, and quick access to information on all Customs procedures and regulatory compliance for nearly 12,000 Customs Tariff Items.

CUSTOMS INITIATIVES



- Since 2019, CBIC has been conducting the **National Time Release Study** annually at 15 major port locations covering Seaports, Inland Container depots, Integrated Check Posts and Air Cargo Complexes.
- There has been a gradual reduction in the overall release time for both imports as well as exports.

CUSTOMS INITIATIVES

- **Indian Customs Electronic Commerce/Electronic Data Interchange (ICEGATE) 2.0:** Indian Customs Electronic Data Interchange Gateway (ICEGATE) is the national portal of Indian Customs of CBIC that provides e-filing services to the Trade, Cargo Carriers and other Trading Partners electronically.
- **ICEGATE** serves as an interface between the trade users and Customs Department and acts as a hub for exchanging information with external trading partners involved in international trading.



One Day in ICEGATE

1,647

User Grievances
Handled

12,461

E-Payment
Transactions

58 Lacs

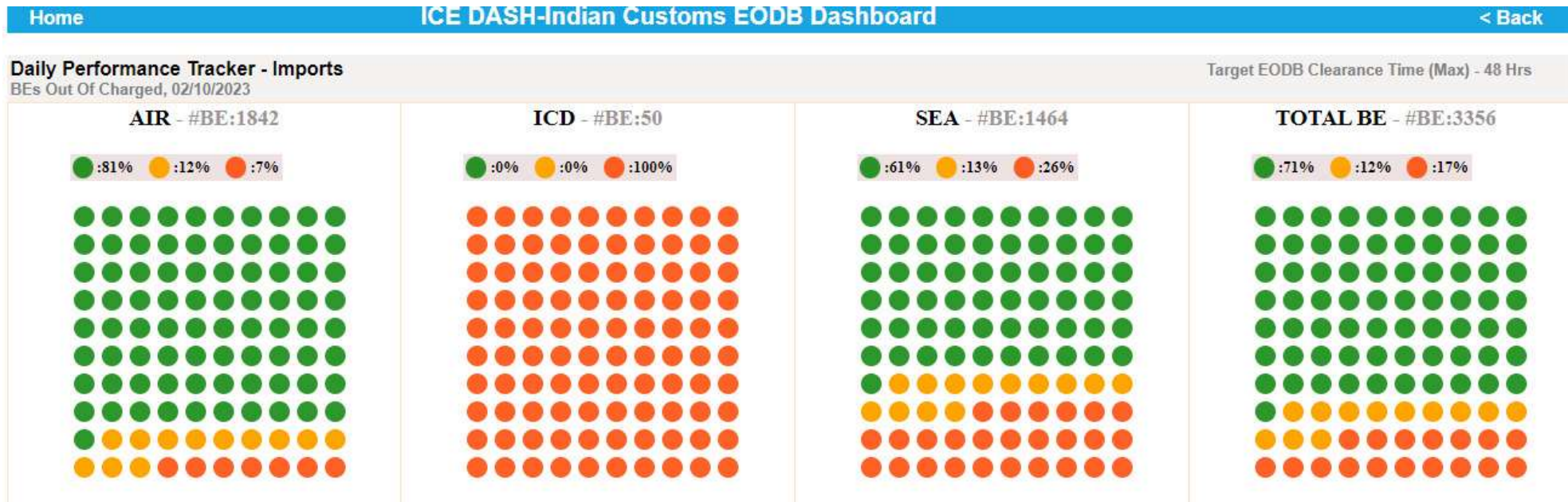
Hits Received

50K

Documents
Filed

CUSTOMS INITIATIVES

- **ICEDASH** is the Ease of Doing Business monitoring dashboard of the Indian Customs helping the public witness the daily Customs clearance times of import and export at all the major Customs stations. This is aimed at improving monitoring and pace of Customs clearance of imported goods.



CUSTOMS INITIATIVES

- **ICETRAK** is a one stop application for enabling Customs clearances, making the existing Shipping Bills and Bill of Entry verification process paperless and contactless.





DIGITISATION INITIATIVES AT THE PORT



- **NLP Marine + PCS 1x** platform is envisaged as the central hub for all interactions with various stakeholders viz. Port, Terminals Shipping Lines/ Agents, CFS and Customs Brokers, Importer / Exporter etc.
- All Major ports have already implemented **Radio Frequency Identification Device (RFID)**. Upgradation and integration with recent technologies- IGoT, Block Chain to ease transaction and real time basis tracking.



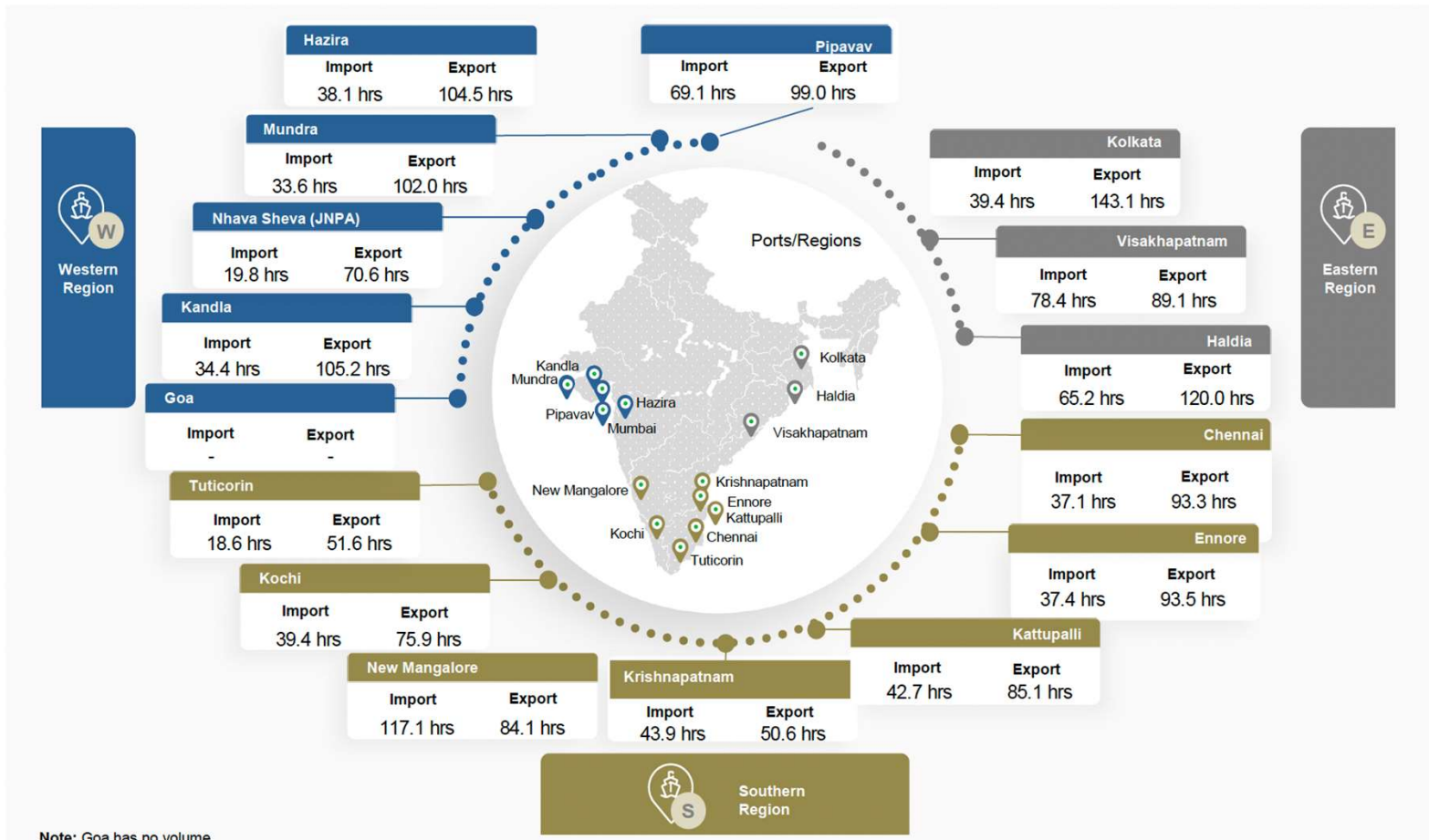
DIGITISATION INITIATIVES AT THE PORT



- **World Bank** in its latest edition of the **Logistics Performance Index Report ‘Connecting to Compete: Trade Logistics in the Global Economy’** has acknowledged “India has invested in soft and hard infrastructure to connect ports on both coasts to economic poles in the hinterland, including a supply chain visibility platform delivered through a public–private partnership.”
- **NICDC Logistics Data Services Limited** applies radio frequency identification tags to containers and offers consignees end-to-end tracking of their supply chain. Implementation started in 2015 on the Indian east coast and was generalized in 2020.

DWELL TIME : PAN INDIA

Dwell Time Performance: PAN India



LOGISTICS DATA BANK




Critical Incident Summary

Western Region	Month	Import Dwell Time	Export Dwell Time	CFS Dwell Time	ICD Dwell Time
	Aug'23	25.7 hrs 	85.7 hrs 	91.4 hrs 	130.4 hrs 
	Jul'23	33.1 hrs	81.5 hrs	89.0 hrs	120.0 hrs
	MoM % Change	22.4%	5.2%	2.7%	8.7%

For more details about Western Region, please go to [Page 15](#)

Southern Region	Month	Import Dwell Time	Export Dwell Time	CFS Dwell Time
	Aug'23	37.1 hrs 	82.7 hrs 	105.9 hrs 
	Jul'23	39.3 hrs	78.2 hrs	105.7 hrs
	MoM % Change	5.6%	5.8%	0.2%

For more details about Southern Region, please go to [Page 35](#)

Eastern Region	Month	Import Dwell Time	Export Dwell Time	CFS Dwell Time
	Aug'23	54.7 hrs 	105.3 hrs 	138.4 hrs 
	Jul'23	56.1 hrs	102.7 hrs	139.5 hrs
	MoM % Change	2.5%	2.5%	0.8%

PORT DWELL TIME (IMPORT CYCLE)

IMPORT

	Mar'23 (in hrs)	Apr'23 (in hrs)	May'23 (in hrs)	Jun'23 (in hrs)	Jul'23 (in hrs)	Aug'23 (in hrs)
Western Region	32.0	30.6	27.3	24.0	33.1	25.7
JNPA	26.5	29.1	19.9	15.8	20.3	19.8
Mundra	40.3	32.1	38.1	44.4	62.1	33.6
Pipavav	43.3	59.2	64.8	77.8	94.8	69.1
Kandla	25.1	27.4	30.7	-	49.6	34.4
Hazira	40.4	30.8	54.0	49.4	58.2	38.1
Southern Region	34.6	36.9	38.9	37.3	39.3	37.1
Chennai	33.0	36.7	38.3	37.2	41.2	37.1
Kochi	56.3	55.8	48.4	36.9	39.2	39.4
Kattupalli	42.3	50.1	53.6	45.5	39.6	42.7
Tuticorin	20.9	15.5	20.7	23.3	23.7	18.6
Krishnapatnam	27.0	53.0	48.0	94.8	113.0	43.9
Ennore	30.5	34.9	38.2	35.5	36.3	37.4
New Mangalore	57.7	66.7	109.3	115.6	97.1	117.1
Eastern Region	43.2	48.2	53.1	50.8	56.1	54.7
Visakhapatnam	48.8	61.8	70.0	84.9	76.6	78.4
Kolkata	29.3	33.6	34.6	28.9	37.0	39.4
Haldia	75.1	63.8	88.7	65.7	68.7	65.2

PORT DWELL TIME (EXPORTS)

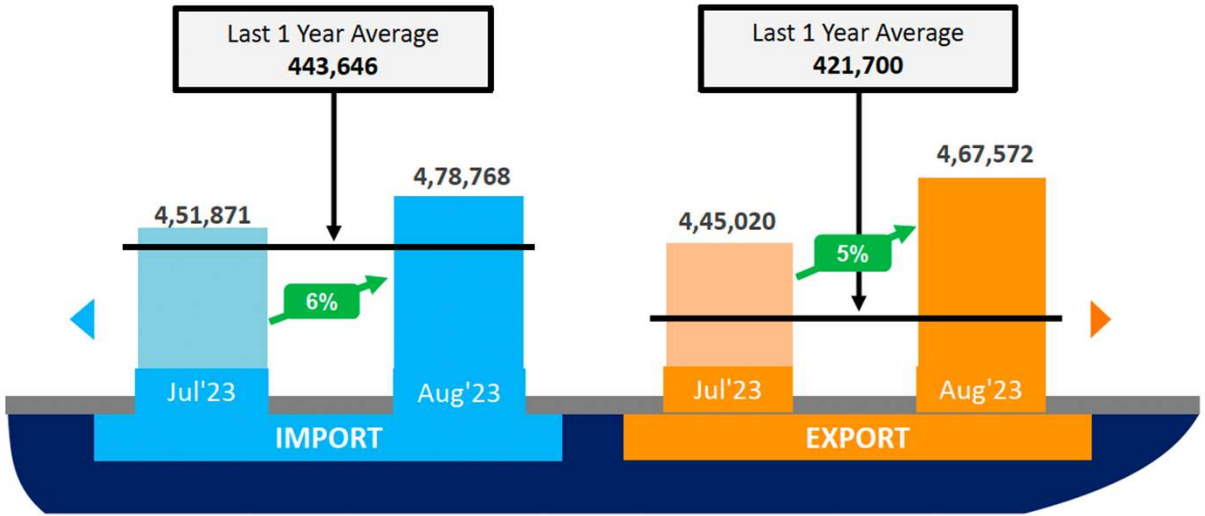
EXPORT

	Mar'23 (in hrs)	Apr'23 (in hrs)	May'23 (in hrs)	Jun'23 (in hrs)	Jul'23 (in hrs)	Aug'23 (in hrs)
Western Region	86.9	90.9	81.3	88.3	81.5	85.7
JNPA	74.0	80.0	65.0	71.9	71.8	70.6
Mundra	103.6	103.1	99.9	115.8	91.0	102.0
Pipavav	86.8	93.8	105.8	205.0	111.2	99.0
Kandla	101.1	95.7	108.0	-	89.7	105.2
Hazira	107.3	120.7	108.1	117.6	98.9	104.5
Southern Region	77.4	77.3	77.8	78.8	78.2	82.7
Chennai	82.5	82.3	83.7	91.0	78.5	93.3
Kochi	68.7	84.3	80.2	72.2	93.4	75.9
Kattupalli	89.0	82.1	96.7	94.7	74.0	85.1
Tuticorin	56.0	48.8	52.9	47.8	48.7	51.6
Krishnapatnam	59.3	46.3	61.2	51.7	117.3	50.6
Ennore	97.4	104.4	86.6	97.3	92.0	93.5
New Mangalore	80.6	93.3	73.9	73.9	93.7	84.1
Eastern Region	95.6	96.0	82.3	118.6	102.7	105.3
Visakhapatnam	77.0	79.6	66.2	88.5	88.0	89.1
Kolkata	133.3	112.6	111.9	157.6	139.9	143.1
Haldia	100.4	149.4	97.5	144.0	72.0	120.0

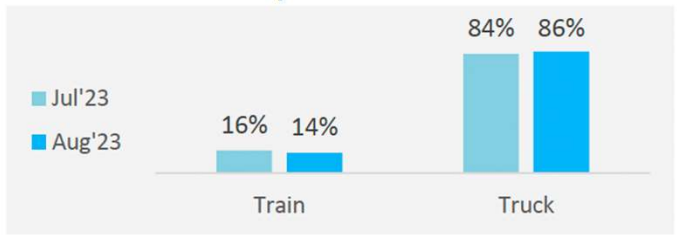
CONTAINER COUNT

Below graphs depicts the change in container count during the month of Aug'23 w.r.t the last month i.e. Jul'23.

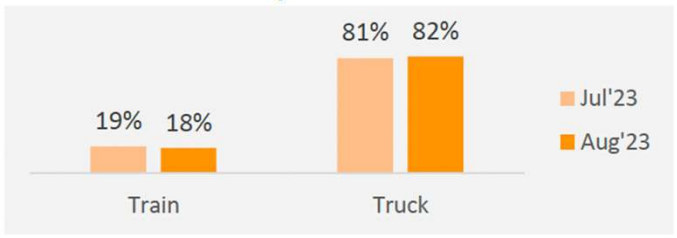
PAN India



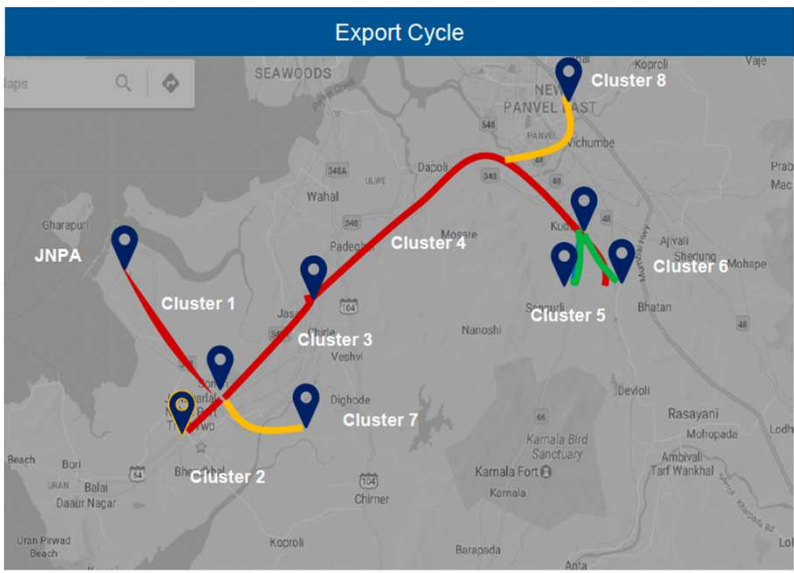
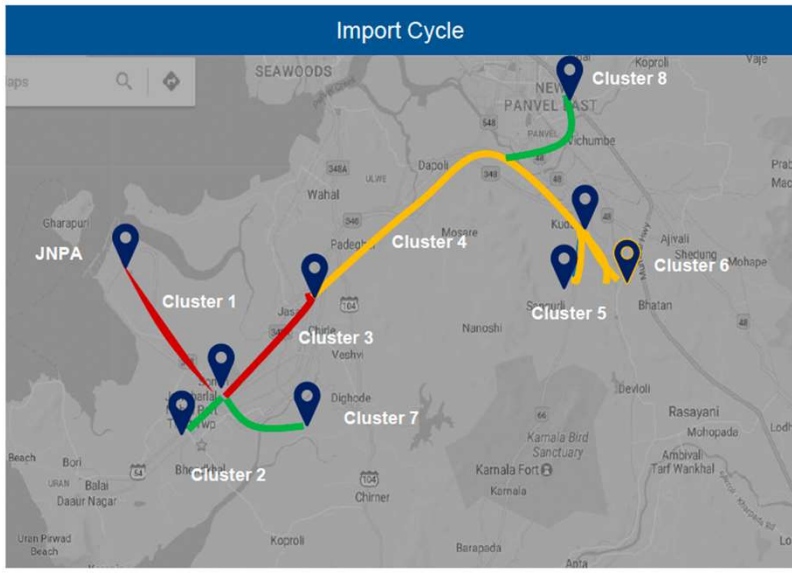
Import Volume



Export Volume



CONGESTION ANALYSIS : JNPA



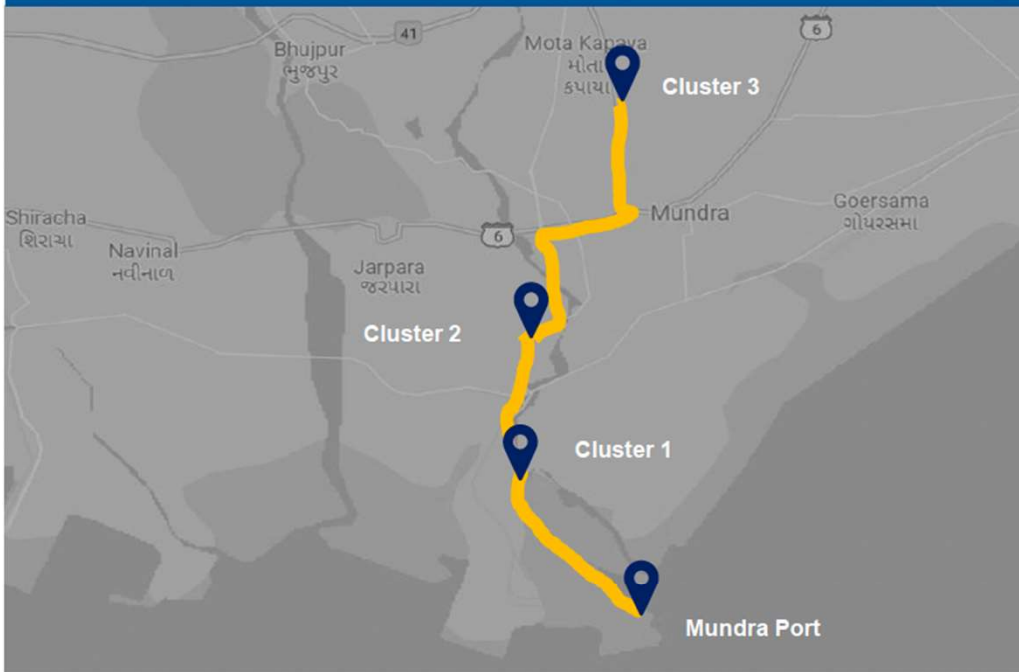
Serial	Cluster Name	Status
Cluster 1	JNPA area	Bottleneck
Cluster 2	Bhendkhal area, khopate road	-
Cluster 3	Sonari area, JNPA road	Bottleneck
Cluster 4	Chirle area, JNPA road	-
Cluster 5	Plaspa area, coach kanyakumari highway	-
Cluster 6	Salva apta rd area, bangalore highway	-
Cluster 7	Patilpada area, khopate JNPA road	-
Cluster 8	Taloja, navi mumbai	-

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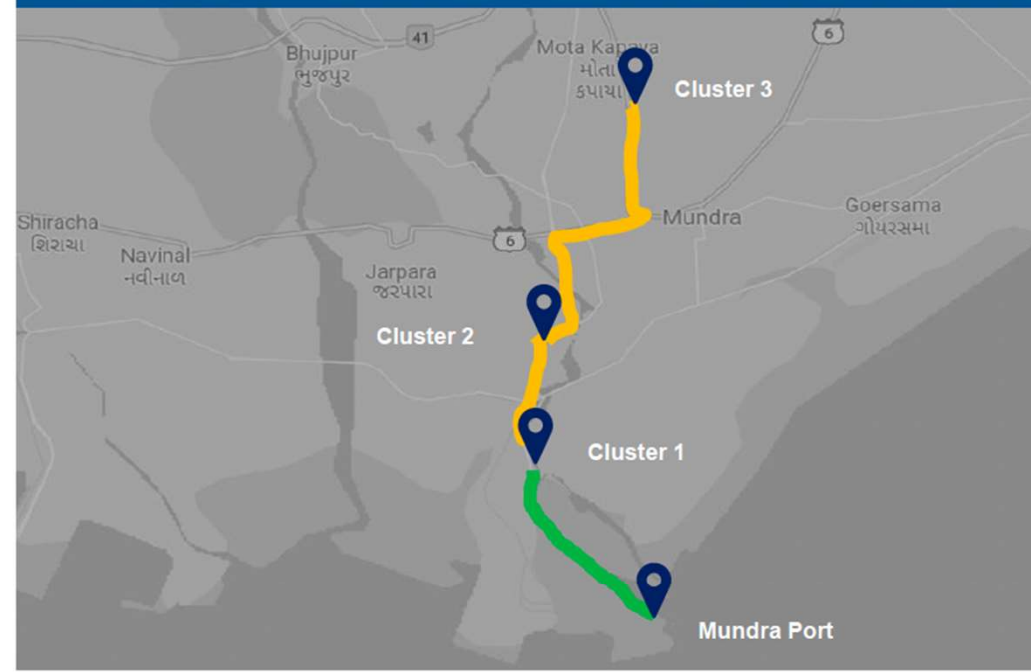
Legends
 ■ High Congestion
 ■ Medium Congestion
 ■ Low Congestion
  Location Point

CONGESTION ANALYSIS : MUNDRA

Import Cycle



Export Cycle



Serial	Cluster Name	Status
Cluster 1	APSEZ Area	-
Cluster 2	Hind circle	-
Cluster 3	Motakapaya	-

Serial	Cluster Name	Status
Cluster 1	APSEZ Area	-
Cluster 2	Hind circle	-
Cluster 3	Motakapaya	-

EVACUATION EFFICIENCY ANALYSIS

Below Table depicts the average speed taken by a truck to cover the distance between a Port terminal to the nearest Toll Plaza

Region	Port	Adjacent Toll plaza	Distance (in KM)	Average Speed (in Km/h)		
				Jun'23	Jul'23	Aug'23
Western	Hazira	Boriach	77	4.7	5.0	6.7
Eastern	Kolkata	Dankuni	24	3.4	3.1	3.0
	Haldia	Debra	100	9.4	7.6	6.4
		Jaladhulagori	101	8.4	11.0	10.6
Southern	Chennai	Nallur	23	2.4	2.5	3.0
	Kochi	Kumbalam	13	0.6	0.6	0.7
		GIPL Palayekara	71	6.8	4.9	6.4
	New Mangalore	Brahamarakotlu	25	1.1	1.1	-
		Talapady	22.5	2.1	2.2	7.5
		Gundmi	68	6.1	5.2	6.7
	Kattupalli	Nallur	33	7.3	2.7	0.6
Tuticron	VoCPT CheckPost1	4.3	20.3	22.2	33.6	

The analysis is based on the container travelling direct from port to toll, i.e. defined by the containers travelling from port to corresponding toll plaza within 2 days.

PM GATISHAKTI

- **Whole of the Government Approach** for integrated and holistic planning
- **Multimodal connectivity** to various economic zones
- **Improving logistics efficiency**

GIS Based Platform

National Master Plan (NMP)

- 585+ data layers of 36 Central Ministries/
Departments integrated
- 50+ planning tools

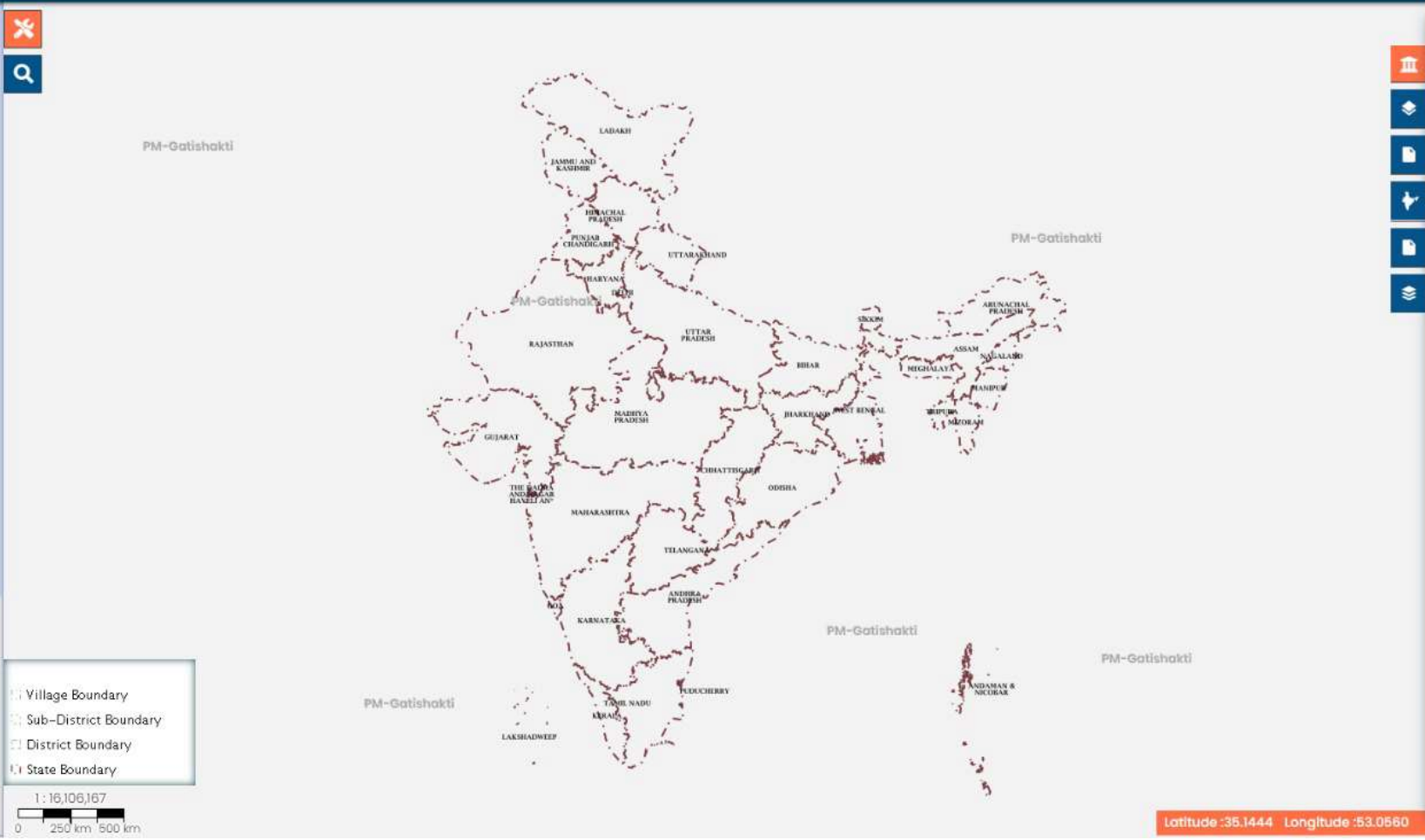
State Master Plan (SMP)

- 872+ data layers of 36 States/UTs
integrated.

PM GATISHAKTI



- Home
- ThreeDTerrain
- Layers
- Swipe Layers
- Route
- Add Project
- Permission
- Extraction
- KML for NOC
- Find Location
- DPR Module
- Line of Sight
- Go Area
- Intersect Layers Report
- Buffer
- Multi Buffer
- Print
- High Priority Project Analysis
- Measure
- Query Builder
- Dynamic GCS
- Resymbolize

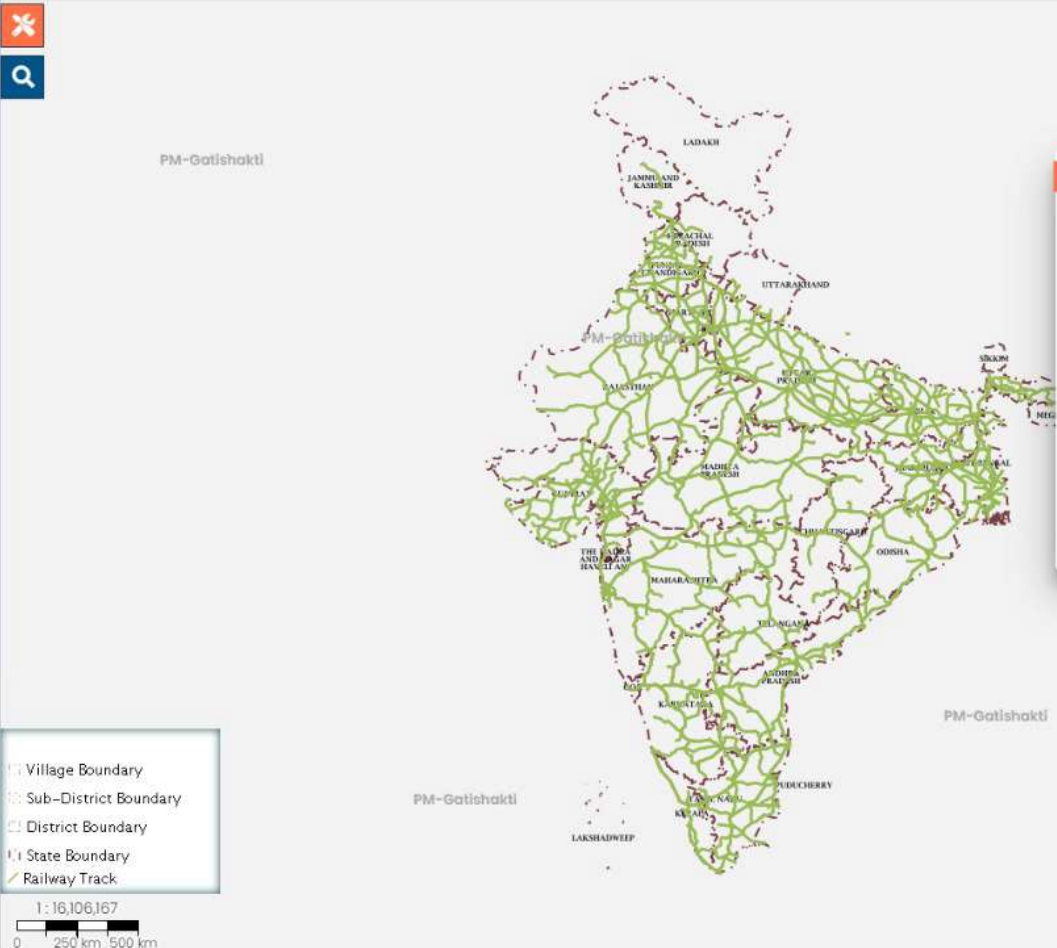


Search layers...

- Ministries
- Infrastructure
- Social
- Other

PM GATISHAKTI

- Home
- ThreeDTerrain
- Annotations
- Swipe Layers
- Route
- Add Project
- Permission
- Extraction
- KML for NOC
- Find Location
- DPR Module
- Line of Sight
- Go Area
- Intersect Layers Report
- Buffer
- Multi Buffer
- Print
- High Priority Project Analysis
- Measure
- Query Builder
- Download
- Reupload



Ministry of Railway

Ministry of Railway

Railway Layers

- Railway Station
- Land Boundary
- Railway Track
- Road Over Bridges
- Road Under Bridges (limited height subway)
- Level Xing
- Dedicated Freight Corridor

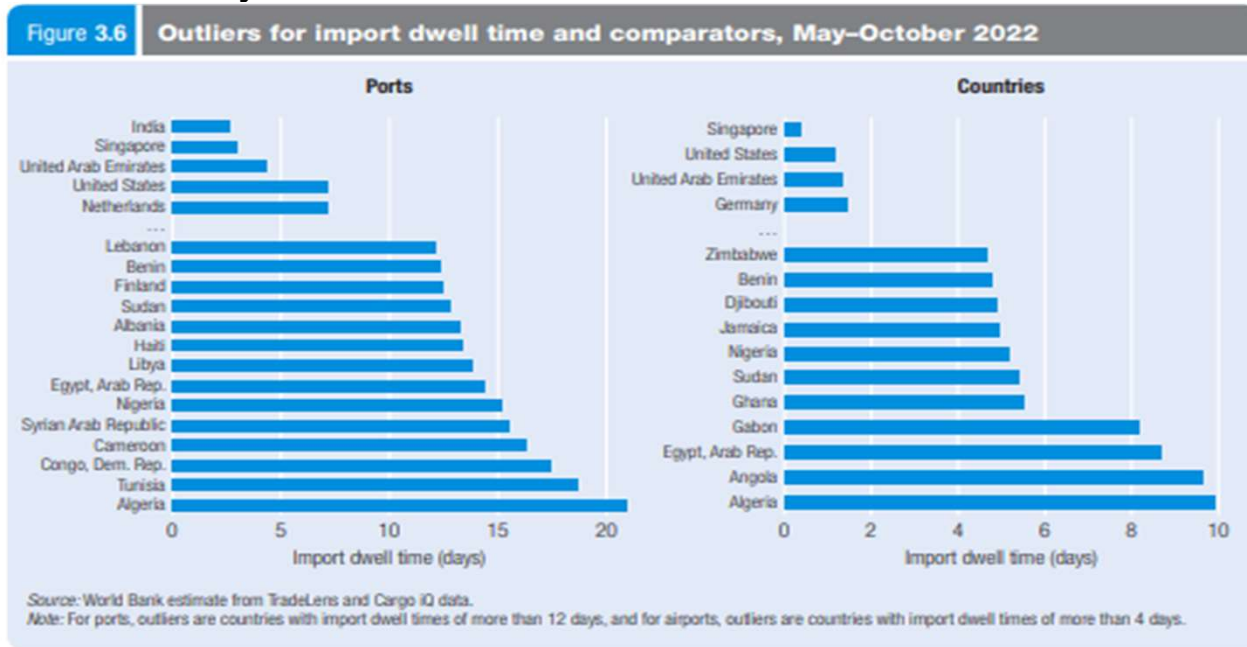
Search layers...

Ministries

- Infrastructure
 - Civil Aviation
 - Commerce & Industries
 - New and Renewable Energy
 - Petroleum and Natural Gas (MoPNG)
 - Port, Shipping and Waterways
 - Power
 - Railway
 - Road Transport and Highways (MoRTH)
 - Telecommunication
- Social
- Other

The Digital Initiatives of India are bearing fruits on the Ground

- World Bank in its latest edition of the **Logistics Performance Index Report ‘Connecting to Compete: Trade Logistics in the Global Economy’** has acknowledged “The average dwell time for containers between May and October 2022 was **3 days** for India and Singapore and 4 for the United Arab Emirates and South Africa but 7 for the United States and 10 for Germany.”





G20 DECLARATION ON DIGITALIZATION OF TRADE DOCUMENTS



- UN reported in 2019 that fully implementing paperless trade in the Asia-Pacific region will cut trade cost by as much as 25 percent.
- The International Chambers of Commerce also predicts the use of electronic bills of lading would increase MSME trade by more than 30 trillion US dollars.
- Today less than 1 percent of bills lading are exchanged electronically which means that all trade transaction paper must be transported all over the world



G20 DELHI DECLARATION 2023

ANNEX ON DIGITALIZATION OF TRADE DOCUMENTS- e-BL



- The G20 Summit in 2023 established a significant framework for advancing global trade through digital technology by adopting 10 High-Level Principles.
- These principles, notably includes Neutrality, Trust, Interoperability, Security, Reliability, and Data Privacy, serve as a compass for guiding the international community toward a more efficient and accessible global trade ecosystem.
- To facilitate the adoption of the G20's High-Level Principles for a more efficient and accessible global trade ecosystem powered by digital technology.
- **ALL WTO Members are encouraged to work together for the digitalisation of trade documents**



THANK YOU