

GATEWAY TO INDIA

Innovating. Leading. Transforming.

FY 2023 - 24



Land Ports Authority of India
Department of Border Management
Ministry of Home Affairs
Government of India

ARRIVAL



LAND PORT
DAWKI



Table of Contents

• From the Chairman’s Desk: Driving innovation, leading transformation	01
• Reflecting on a decade: Progress and transformation	02
• Land Port: Where passengers, trade, and cargo thrive	06
◦ Agartala Land Port	12
◦ Attari Land Port	13
◦ Dawki Land Port	14
◦ Dera Baba Nanak Land Port	15
◦ Jogbani Land Port	16
◦ Moreh Land Port	17
◦ Petrapole Land Port	18
◦ Raxaul Land Port	19
◦ Rupaidiha Land Port	20
◦ Sabroom Land Port	21
◦ Srimantapur Land Port	22
◦ Sutarkandi Land Port	23
• Land Ports development plan: Pathways for simplifying trade	24
• New initiative: Create change to move forward	28
• Crafting the future: Major stakeholders	31
• Empowering talent: Shaping futures	32
• Sealing success: MoUs signed and trainings delivered	34
• Research & Publications: Driving innovation	36
• Blueprint for tomorrow’s success: The art of project management	37
• Transforming blueprint into tangible success	38
• Progressing together: The path forward for LPAI	41
• Bridging the gap and upholding gender in the Land Ports mainstreaming	42
• Fuelling progress: Establishing operational stability	44
• Encouraging trade: Path to self - sustainability	45
• Strengthening communities: Enriching lives	47





From the Chairman's Desk **Driving innovation, leading transformation**

The Land Ports Authority of India (LPAI), a statutory body established in March 2012, is responsible for creating state-of-the-art facilities at the designated border crossing points of India. LPAI aims to ensure safe and secure cross-border trade and passenger movement.

The motto of 'Innovating, leading and transforming' depicts our thought process, commitment, and the guiding principles that shape our ever-evolving modus operandi.

Innovation is the cornerstone of our strategic planning. We persistently seek new and modern approach to improve our operational framework. Some of LPAI's recent initiatives in this direction include LPMS, Yatri Subidha, Access Control System and Mechanized cargo handling.

The Land Port Management System (LPMS) will enable paperless trade facilitation at the land ports. The Yatri Subidha portal is streamlining international passengers arrival /departure at Petrapole Land Port by offering slot reservation facility for faster terminal clearance. The Access Control System will help land port facilities become more secure and mechanised transshipment will make inter country cargo

loading and unloading more efficient and secure.

These efforts and initiatives impact is visible on cargo processing time. This is reflected in the consistent "in-time" performance of Land Ports for export and import clearances. At present cargo clearance time for 70% of cargo at Agartala, Jogbani, Raxaul, Srimantpur, and Sutrakandi, is less than 6 hours. Petrapole Land Port reports a 24-hour average processing time for half of its cargo. To accelerate operational efficiency in Petrapole Land Port, LPAI is developing a second cargo gate and automatic transshipment bridges to streamline transfers and alleviate congestion.

The development of a state-of-the-art Passenger Terminal Building (PTB) at Petrapole is in final stages. The Petrapole passenger terminal building will be the most modern facility at any land port in South Asia.

In 2023-24, three land ports Dawki, Rupaidiha and Sabroom were inaugurated. These land ports offer enhanced user experience and will improve people to people connection between India and its neighbouring countries.

We are also focussed on developing the capabilities of our staff and stakeholders. LPAI developed a training academy in Agartala and has launched its Annual Training Calendar. We plan to train not only LPAI's employees but also colleagues from stakeholder and counterpart agencies from neighbouring countries.

We are cognisant of our responsibility towards gender mainstreaming. We have taken proactive measures to make our land ports gender—friendly such as recruiting and training local women to participate in Land Ports operations.

To make land port operations more sustainable, we are progressively shifting towards green energy sources and incorporating green building guidelines in the upcoming capital projects. In addition, we plan to notify a policy on sustainable land ports to align our activities with sustainability goal.

*Aditya Misbra, Chairman,
Land Ports Authority of India*

Reflecting on a decade: Progress and transformation

India shares approximately 15,200 kilometers of international land border with seven countries i.e. Afghanistan, Bangladesh, Bhutan, China, Myanmar, Nepal, and Pakistan. On these border, presently Government of India has sanctioned 23 land ports for development. Of these 12 land ports are

operational, and work is underway to develop an additional 11 ports.

Before 2012, India encountered challenges at its border checkpoints primarily due to insufficient infrastructure and lack of coordination to facilitate smooth cross-border



Sr.	Land Ports	State	Border	Status
01	Attari	Punjab	Pakistan	Operationalized on 13.04.2012
02	Agartala	Tripura	Bangladesh	Operationalized on 17.11.2013
03	Petrapole	West Bengal	Bangladesh	Operationalized on 12.02.2016
04	Raxaul	Bihar	Nepal	Operationalized on 03.06.2016
05	Jogbani	Bihar	Nepal	Operationalized on 15.11.2016
06	Moreh	Manipur	Myanmar	Operationalized on 15.03.2018
07	Dera Baba Nanak	Punjab	Pakistan	Operationalized on 09.11.2019
08	Sutarkandi	Assam	Bangladesh	Operationalized on 07.09.2019
09	Srimantapur	Tripura	Bangladesh	Operationalized on 05.09.2020
10	Dawki	Meghalaya	Bangladesh	Operationalized on 04.05.2023
11	Rupaidiha	Uttar Pradesh	Nepal	Operationalized on 01.06.2023
12	Sabroom	Tripura	Bangladesh	Operationalized on 09.03.2024
13	Sonauli	Uttar Pradesh	Nepal	Under Construction
14	Kawrpuchhuah	Mizoram	Bangladesh	PIB Note moved
15	Banbasa	Uttarakhand	Nepal	PIB Note moved
16	Bhithamore	Bihar	Nepal	PIB Note moved
17	Panitanki	West Bengal	Nepal	Land acquisition in progress
18	Jaigaon	West Bengal	Bhutan	Land acquisition complete
19	Mahadipur	West Bengal	Bangladesh	Land acquisition complete
20	Ghojadanga	West Bengal	Bangladesh	Land acquisition complete
21	Hili	West Bengal	Bangladesh	Land acquisition complete
22	Changrabandha	West Bengal	Bangladesh	Land acquisition complete
23	Fulbari	West Bengal	Bangladesh	Land acquisition complete

Table 1. Status of Land Ports under Land Ports Authority of India

trade and passenger movement.

To address these challenges, the Cabinet Committee on Security (CCS) approved the establishment of the Land Ports Authority of India (LPAI) as the integrating agency responsible for managing Integrated Check Posts (ICPs)/Land Ports. LPAI was formed under the Land Ports Authority of India Act, 2010.

Attari was the first land port to be operationalized in April 2012. Since then an additional eleven land ports have been made operational.

Simultaneously, LPAI has also initiated a phase - wise plan for upgradation of Land Custom Stations (LCS). In phase - 1 upgradation of 26 LCSs have been identified and their detailed project report is under preparation. This would mitigate the existing challenges faced by the stakeholders at LCS.

In 2023-24, LPAI operationalized three new land ports i.e. Dawki in May 2023, Rupaidiha in June 2023, and Sabroom in March 2024. The Bhumi Poojan ceremony for the Sonauli Land Port took place in June 2023, marking progress in expanding India's land port infrastructure.

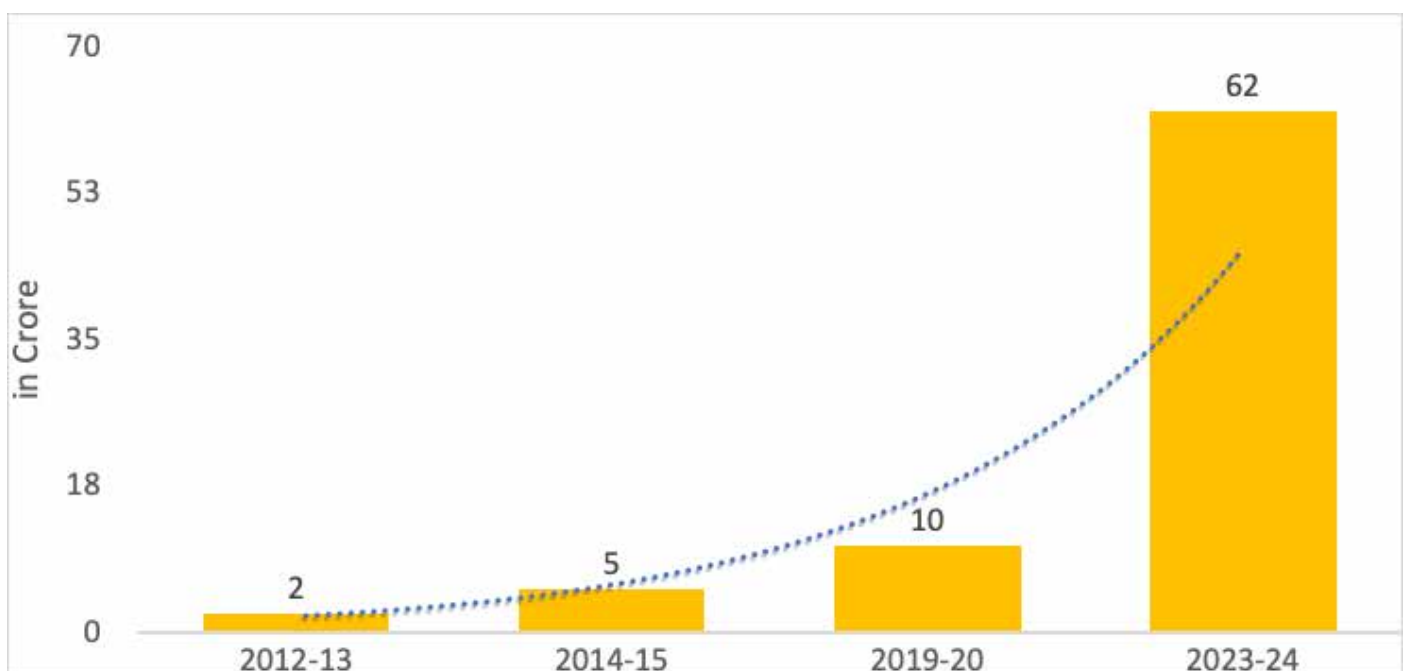
To boost the trade through these land ports, LPAI undertakes measures such as facility enhancement, infrastructure upgradation, improvement in security system, regular training and better stakeholder coordination.

In 2023-24, the value of export trade increased from INR 41,991 crore last year to INR 55,461 crore, marking an increase of INR 13,470 crore in trade value.

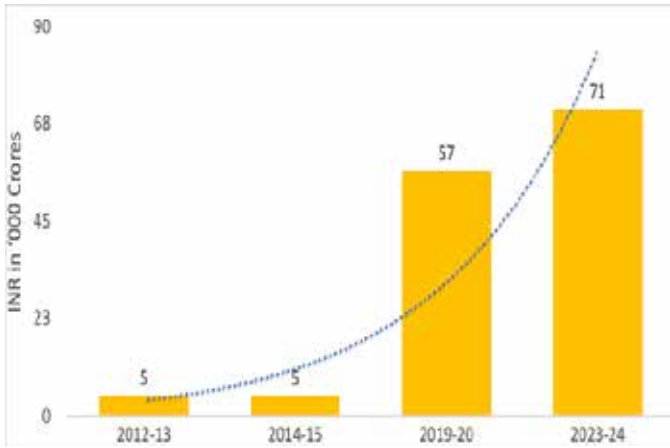
In the last ten years there has been an almost 15 fold increase in the trade facilitated through land ports from INR 4,751 crore in 2014 - 15 to INR 70,952 crore in 2023-24. This is mainly attributable to improvement in facilities and additional land ports being operationalized during this period.

The expansion in trade activities has been a significant driver of revenue growth. In 2023-24, the total revenue from land ports reached INR 62.17 crore, representing an increase of 100% from INR 30.03 crore recorded in the previous 2022-23.

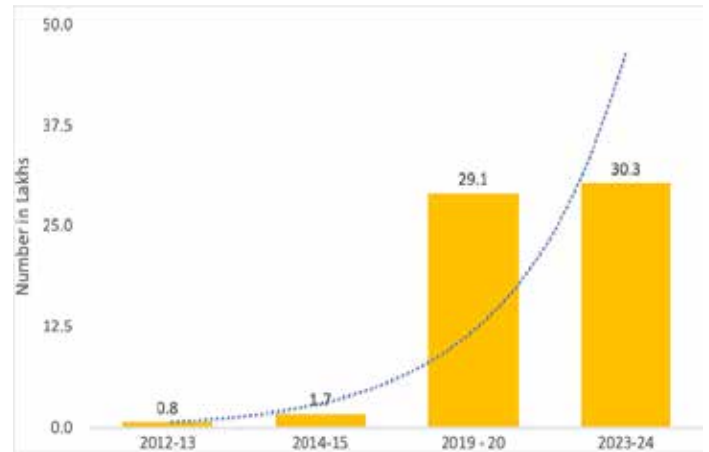
There has been an increase in traffic flow through land ports due to LPAI's efforts to decrease turnaround time. This along with



LPAI Revenue



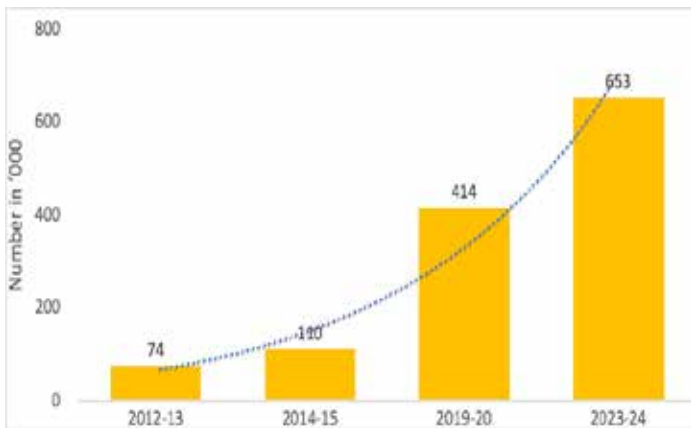
Trade facilitated through land ports



Passenger movement through land ports

broadening of the services and facilities such as parking, storage, weighing services, as well as rentals from establishments such as duty-free shops, food canteens, and foreign exchange outlets etc. has boosted revenue for LPAI.

making concerted efforts to enhance the effectiveness and efficiency of India's land ports. This initiative is crucial for bolstering the overall strategic framework for international trade and passenger movement through land routes, aligning with the broader mission to improve ease of doing business in India.



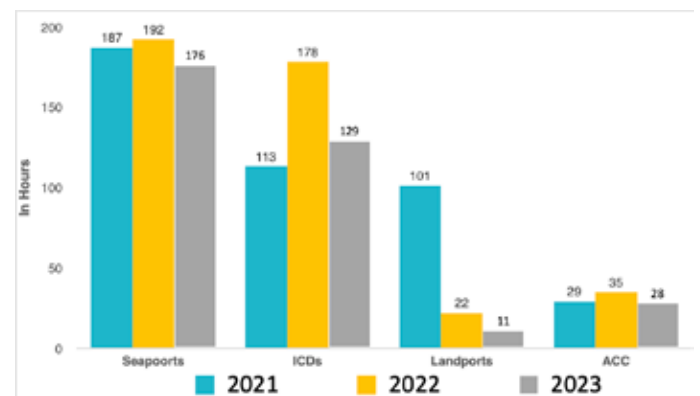
Cargo movement through land ports

LPAI's commitment towards reduction in cargo movement time is evident in the time release study carried out by Central Board of Indirect Taxes and Customs (CBIC), Government of India. As per National Time Release Study 2023, the export release time in 2023 was 11 hours and import release time was 31 hours at Land Ports. Although the average release time for import has increased from 2022, it continues to be well below the our commitment under National Trade Facilitation Action Plan. To facilitate this accelerated turnaround time, LPAI has

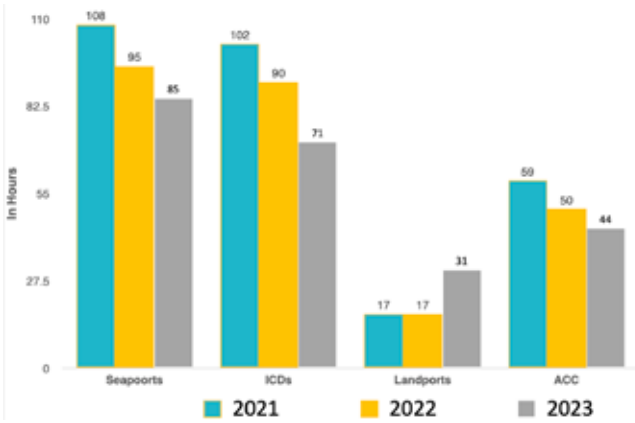
Land Port witnessed year on year growth of 21% from FY 2022 - 23 where total passenger movement was 24.15 lakh as compared to 30.46 lakh in the FY 2023 - 24.

Over a decade, there has been a 18 fold increase in the number of passengers from 1.72 lakh in 2014-15 to 30.46 lakh in 2023 - 24.

LPAI, in line with the Prime Minister's initiative of "Sashakt Bharat, Viksit Bharat" (Empowered India, Developed India), is



Export release time



Import release time

successfully integrated all stakeholders within a single umbrella facility. LPAI's inclusive approach has been to optimize operational workflows and foster a collaborative ecosystem among different agencies involved in the process of handling cargo and passengers.

Over the last five years, LPAI has achieved notable milestones, including inauguration of 06 new land ports and unveling of a modern PTB at Petrapole Land Port. This transformation has been successfully realised under the mentorship and leadership of the present Chairman. This period also marks a significant organizational change, with LPAI's

decision-makers active participation with its Board for implementation of various reforms. This move has expedited the LPAI's transformation and nudging towards growth.

Moreover, LPAI's progressive ethos is characterized by its endeavour to develop robust Standard Operating Procedures (SOPs). These SOPs are meticulously crafted and further improved based on stakeholder feedback to ensure that every facet of the land port function is governed with clarity and uniformity.

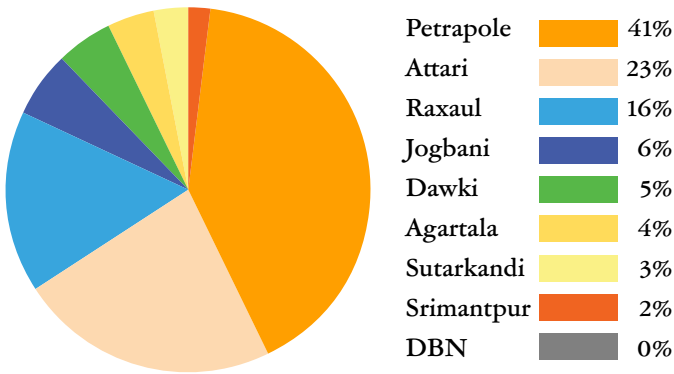
Security remains a non-negotiable component of LPAI's operational mandate. Regular security audits help in identifying vulnerabilities and strengthening safety measures necessary for protecting the infrastructure and stakeholders.

In its pursuit of fostering an inclusive workplace, LPAI places a strong emphasis on gender mainstreaming. By promoting diversity, LPAI not only enriches its workforce but also creates a more dynamic and comprehensive service environment. This focus is to build a modernized and sensitive institutional mechanism where all members' contributions are valued.



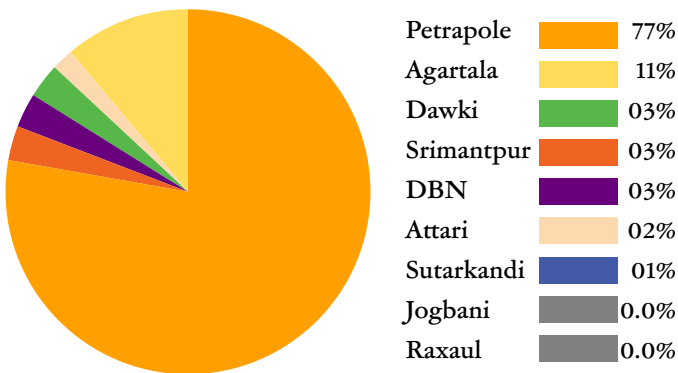
Land Port: Where passengers, trade and cargo thrive

Enhancing trade and user convenience through the establishment of a strong infrastructure is a top priority for LPAI. It is committed to evolve its Land Ports by creating a global standard infrastructure while keeping the needs of its users at the forefront. LPAI regularly carries out demand assessment studies, collects data on cargo and passenger facilities, its release time, demonstrating dedication to improving both passenger and cargo experiences. Further periodically LPAI also undertakes formal and informal assessment of KPI's impacting trade and passengers.



FY 2023-24: Land Ports Revenue

In 2023-24, LPAI witnessed a 22% rise in passenger growth and 57% increase in cargo growth compared to 2022-23 resulting in 100% revenue growth. This remarkable growth can be attributed to the inclusion of the Dawki Land Port and improvement of facilities in

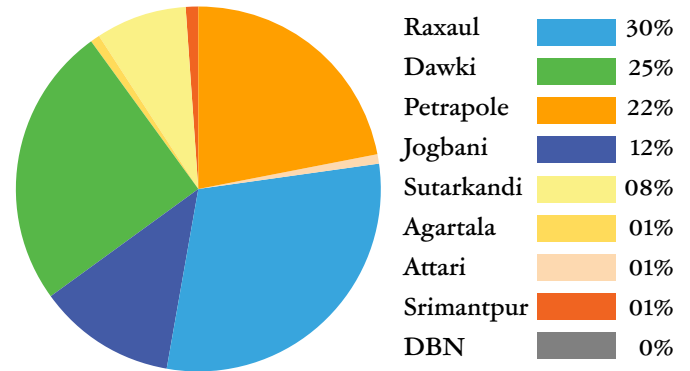


FY 23-24: Land Ports Passengers movement

Petrapole, Srimantapur, Raxaul and other land ports.

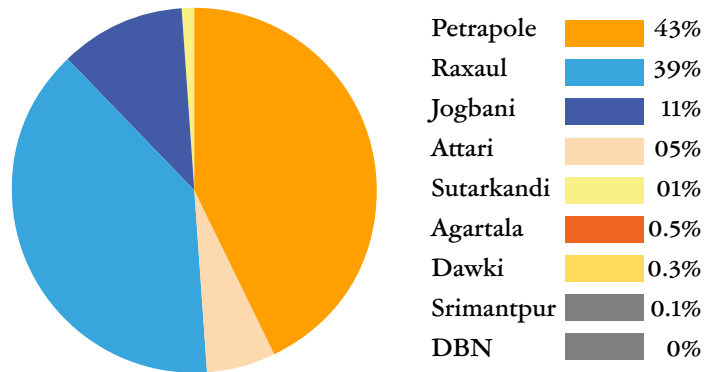
Cargo operations are majorly concertrated at three locations led by Raxaul, accounting for 30% of the cargo traffic, followed by Dawki and Petrapole contributing 25% and 22% respectively.

These three land ports cumulatively accounts



FY 23-24: Land Port Cargo Movement

for over 75% of the cargo traffic of the total land ports. Jogbani and Sutarkandi together contribute another 20%.



FY 23-24: Trade facilitated by Land Ports

Petrapole facilitated 43% of the trade followed by Raxaul at 39% and Jogbani at 11%. Despite high cargo movement in Dawki, trade facilitaed through this land port stood at INR 133 crore as compared to trade worth INR 30,421 crore facilitaed by Petrapole which had lower cargo movement. This is due to export and import of low-value and bulky material such as limestone, boulder stone, glassware, and coal at Dawki Land Port.

The Bureau of Immigration (BoI) 2023 Annual Report indicated that Petrapole Land Port accounted for 10.13% of India's total foreign immigration and 3.25% of total passenger movement across all BoI managed immigration checkpoints. Recognizing this demand, a state-of-the-art passenger terminal building which is under construction and scheduled to be open to the public in 2024 - 25.

During 2023 - 24, 10 Land Ports were notified as Integrated Check Posts (ICPs). This was carried out in accordance with section 2 clause (d) of the Land Ports Authority Act , 2010. In June 2023, Sutarkandi, Srimantapur, Sabroom, Raxaul, Petrapole, Jogbani, Moreh, Dera Baba Nanak, Agartala, and Attari were notified/ designated as ICPs.

For a seamless experience for all stakeholders, LPAI ensures all basic facilities are provided at these land ports. Further, to enhance and improve passenger and trade facilitation, LPAI continuously evaluates the facility requirements at the port level.

Currently, all passenger terminals are equipped with amenities such as waiting areas, secure environment, digital payment options like PoS machine, informational and enquiry

facilities, clean washrooms and feedback register. Embodying the principles of the Swachh Bharat Abhiyan, all land ports strive to maintain immaculate and clean surroundings. The comprehensive facility matrix outlined for 2023-24, along with proposals in progress for 2024-25 is provided in table 2.

To make transactions hassle-free for travellers, digital payment options and ATMs facilities are being made available. In addition to forex counters across all these designated points is being installed. Furthermore, to enhance security and maintain surveillance for passenger safety, LPAI plans to install CCTVs and baggage scanners at Land Ports.

More so, feedback registers are also being planned for implementation across all Land Ports to take passenger's suggestions and complaints into consideration for further improvements.

LPAI is deeply committed to ensure a smooth transit for passengers in these Land Ports. Consequently, there are plans underway to develop facilitative amenities that would streamline passenger movement in these Land Ports.

	Services	Agartala	Attari	DBN	Jogbani	Moreh	Petrapole	Raxaul	Srimantapur	Sutarkandi	Dawki	Rupaidiha
1	Trolley, wheelchair & Battery Operated Vehicle	↑	↑	↑	↗	↗	↗	↗	↑	↑	↑	↑
2	Food Counters	↑	↗	↑	↗	↑	↑	↑	↑	↗	↑	↑
3	Medical Assistance	↑	↑	↑	↑	↑	↑	↑	↑	↗	↑	↗
4	Childcare and feeding room	↑	↑	↑	↗	↗	↗	↗	↗	↗	↑	↑
5	Prayer room	↗	↑	↑	↗	↗	↑	↗	↗	↗	↗	↗
6	Waiting area	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
7	Digital payment Options	↑	↑	↑	↗	↗	↗	↑	↑	↑	↑	↗
8	Inquiry and Information	↑	↑	↑	↗	↑	↗	↑	↑	↑	↑	↑
9	Forex Counter	↑	↑	↑	↓	↗	↑	↓	↑	↓	↑	↓
10	ATM	↑	↑	↑	↗	↗	↗	↑	↑	↑	↑	↗
11	Wi-Fi	↗	↗	↑	↗	↓	↗	↗	↗	↗	↑	↑
12	Baggage Scanner	↑	↑	↑	↗	↑	↑	↑	↑	↑	↑	↑

Table 2. Passenger Facility Matrix ↑ Available ↗ Planned ↓ Not Available

	Services	Agartala	Attari	DBN	Jogbani	Moreh	Petrapole	Raxaul	Srimantapur	Sutarkandi	Dawki	Rupaidiha
1	Driver rest area	↑	↑	↓	↑	↑	↑	↑	↗	↑	↓	↗
2	Plant Quarantine	↑	↑	↓	↑	↑	↑	↑	↑	↓	↓	↑
3	Animal Quarantine	↑	↓	↓	↑	↑	↑	↓	↓	↓	↓	↓
4	Cold Storage	↑	↑	↓	↑	↑	↗	↑	↑	↓	↓	↓
5	Radiation Detection Equipment	↑	↑	↓	↑	↗	↑	↑	↓	↑	↑	↗
6	Food Court/ Canteen	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
7	Baggage Scanner	↑	↑	↑	↗	↑	↑	↑	↑	↑	↗	↑
8	Digital Payment Option	↑	↑	↑	↑	↓	↗	↑	↑	↑	↑	↗

Table 3. Cargo Facility Matrix ↑ Available ↗ Planned ↓ Not Available

Cargo terminal amenities such as cold storage, plant and animal quarantine, and buffer parking areas at the land ports are determined by types of commodities being imported and exported.

In the upcoming year, facilities currently not available in the land port will be taken up in a phased manner based on the demand.

Recognizing the critical importance of safety and security, initiatives are underway to install metal detectors, radiation detection equipment and x- ray scanners at every operational land port. These security

measures underscore LPAI's commitment to ensuring the highest level of safety.

In addition, to elevate the efficiency of operations, LPAI is prioritizing the implementation of advanced measures like automated gates and leveraging technology for computerized entry and exit systems. The introduction of these technologies aligns with LPAI's continuous efforts to streamline the flow of movement and reduce processing time. With these plans, LPAI aims to foster a more efficient and hassle-free experience for travellers and cargo operators.

	Services	Agartala	Attari	DBN	Jogbani	Moreh	Petrapole	Raxaul	Srimantapur	Sutarkandi	Dawki	Rupaidiha
1	BGF Accommodation (Male)	↑	↑	↗	↑	↑	↑	↑	↑	↑	↑	↑
2	BGF Accommodation (Female)	↑	↑	↗	↑	↑	↑	↑	↑	↑	↑	↑
3	Power Back-up	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
4	Solar roof top	↑	↑	↑	↓	↓	↗	↗	↑	↓	↗	↗
5	Rain - Water Harvesting	↓	↑	↑	↓	↓	↓	↓	↓	↓	↓	↓
6	Fire Station	↓	↑	↑	↑	↓	↑	↑	↓	↗	↓	↗
7	Sewerage Treatment Plant	↑	↑	↑	↑	↑	↑	↑	↓	↓	↗	↑
8	Water Treatment Plant	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑

Table 4. Land Port : Other Facility Matrix ↑ Available ↗ Planned ↓ Not Available

Sanctioned Land Ports



Map 1. Locations of Sanctioned Land Ports

Map not to scale

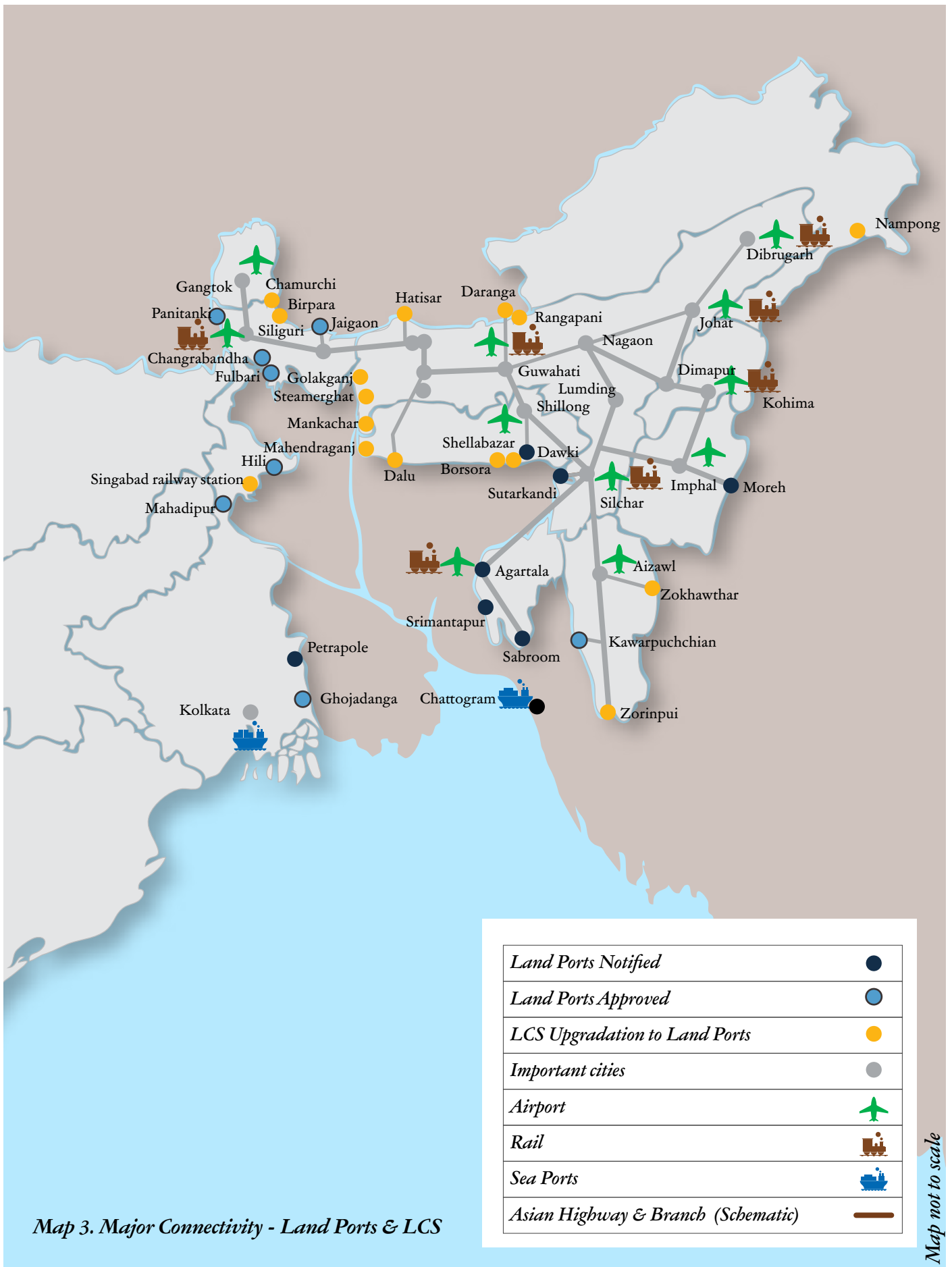
Upgradation of Land Custom Stations to Land Ports



Map 2. Locations of Land Custom Stations being upgraded to Land Ports

Golden Quadrilateral ————
North-South Corridor ————
East-West Corridor ————
Sea Ports ————
LCS upgraded to Land Ports ————

Map not to scale



Land Port: Agartala

Agartala Land Port is the only land port located within the municipal limits in India. It is one of the key check posts for immigration and facilitating international trade between Agartala in India and Akhaura in Bangladesh.

A specialized training center is being established in Agartala by LPAI. It will address the training needs of officials especially in north-eastern India. The training centre would not just cater to LPAI, but also other stakeholders. LPAI plans to conduct joint sessions/ trainings with neighbouring countries to foster better coordination.

The Agartala Land Port is also a tourist destination where tourists come to experience the parade by border security forces of both the countries. Visitors also spend time with family at the pond within the land port which is being developed as a tourist spot and a modern cafeteria is also being planned.

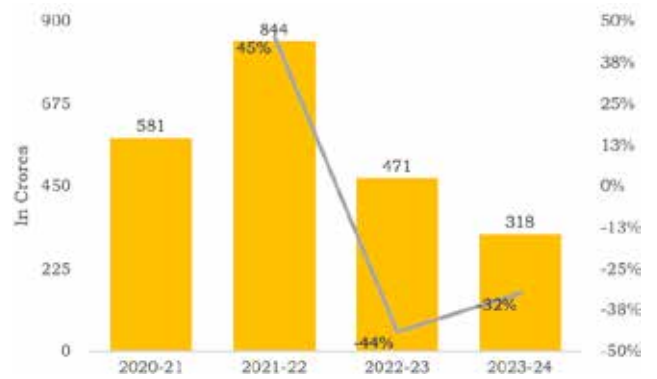
FY 2023-24: Major Export & Import items

Export items - Granite, Natural Stone(97%), Spices (1.29%), and other items like fresh vegetables, iron and steel and Tin and Tin Products.

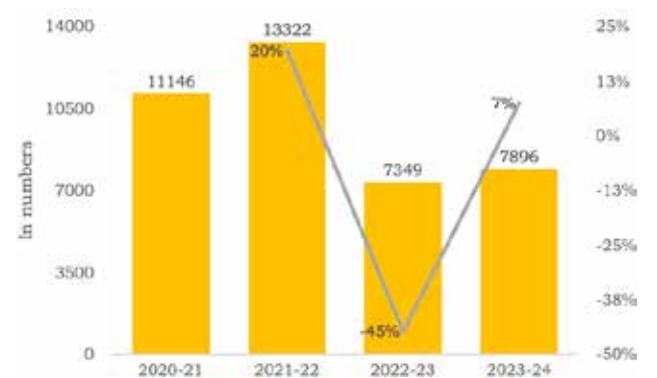
Import Items - Vegetable Oil (15%), Marine (54%), Iron and Steel (6%).



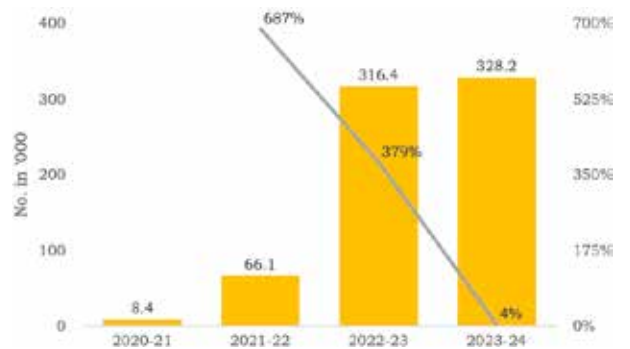
Agartala Land Port: Passenger Terminal



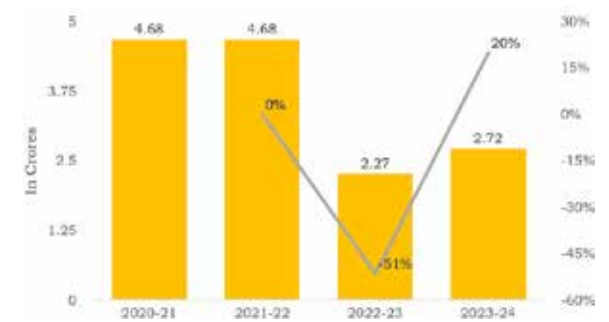
Trade facilitated



Cargo Movement



Passenger Movement



Revenue

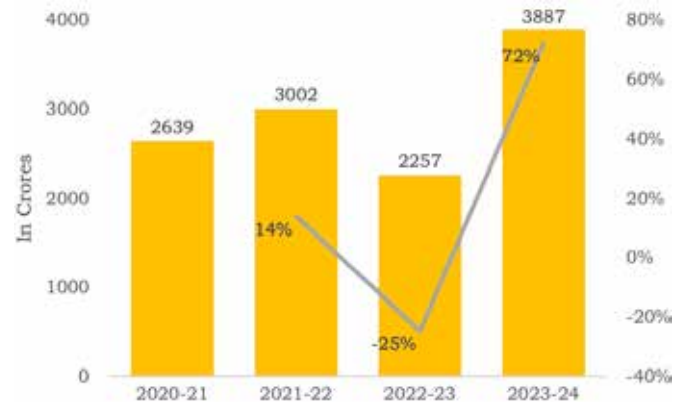
Land Port: Attari

Attari Land Port was the first land port under LPAI and commenced its operations in 2012. It is located at the international border between India and Pakistan, and is about 28 km from the city of Amritsar.

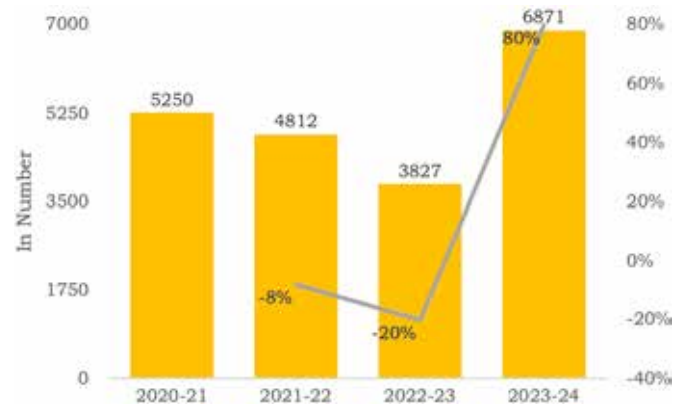
Currently, Attari Land Port is facilitating trade with Afghanistan via Pakistan. It is positioned as an extremely important check-point as Attari-Wagah is the only permissible land route allowed for trade between India and Pakistan.

In a progressive stride towards environmental conservation, a 1.3 MW on-grid solar system has been installed to promote carbon neutrality.

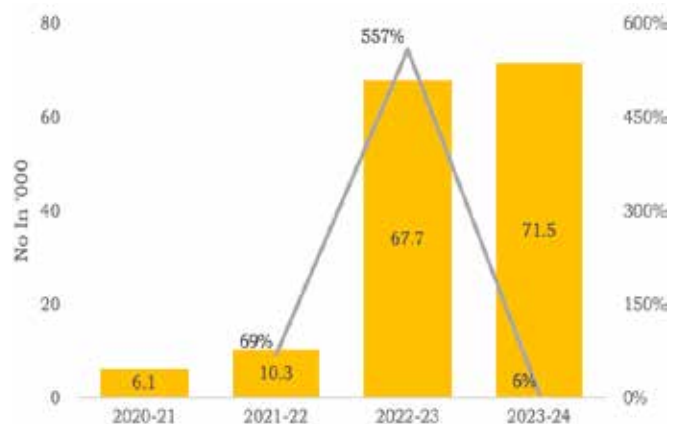
The upcoming Amritsar - Jamnagar expressway shall further open new avenues of growth opportunities at the Attari Land Port.



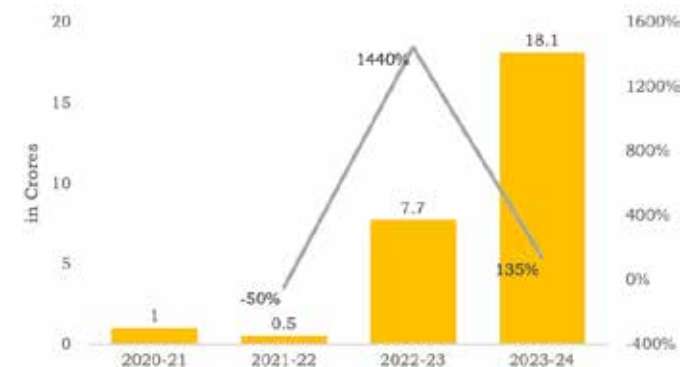
Trade facilitated



Cargo Movement



Passenger Movement



Revenue

FY 2023- 24: Major Import Items

Import Items: Fruits (76%), Processed Fruits and Juices (3%) and Spices (15%).

Major items Imported from Afghanistan via Attari: Dry Apricot, Raisins, Cherry, Grapes, Saffron, Pistachios, Dry Figs, Almonds.



Attari Land Port: Cargo waiting to enter India.

Land Port: *Dawki*

Dawki Land Port is nestled amidst the scenic tranquillity of West Jaintia Hills in Meghalaya. This land port serves as more than just a border checkpoint. With its strategic location paired with top-notch passenger services, it significantly contributes to boosting Meghalaya's tourism sector.

Beyond facilitating tourist inflow, plays a vital role in unlocking economic growth opportunities. By increasing the accessibility and exposure of the state, it aids in the stimulation of local economy and bolsters the wider tourism industry.

Dawki Land Port was inaugurated in May 2023. LPAI intends to expand export through petrochemicals, agricultural products, and polymers; handle 1,100 trucks daily within the next six months; introduce digital trade via EDI; and strategically boost Meghalaya's tourism at Dawki Land Port.



Dawki Land Port inauguration

No. of Passenger	88725
Trade Value	Rs. 133 Cr.
No. of Vehicles	159311
Revenue	Rs. 4.04 Cr.
Expenditure	Rs. 1.45 Cr.

Dawki Land Port: 2023 - 24 snapshot



Passenger Terminal Building at Dawki Land Port

FY 2023- 24: Major Export & Import Items

Import Items: Moulded and extruded products (79%) Glass and Glassware (21%).

Export Items: Limestone (64%), Boulder Stone (34%) Coal (1%).



Passenger Terminal Building at Dawki Land Port



Bus connectivity between Shillong to Dawki Land Port by Meghalaya Tourism

Land Port: *Dera Baba Nanak*

Dera Baba Nanak (DBN) Land Port plays a crucial role in facilitating Sikh pilgrimages to Kartarpur Sahib Gurudwara in Pakistan via the Kartarpur Sahib Corridor.

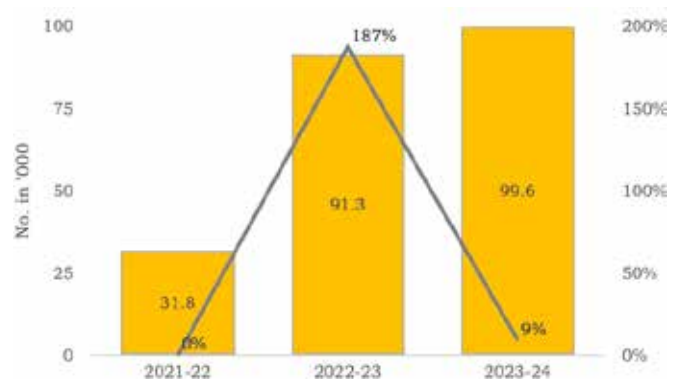
The variety and quality of services offered transforms pilgrim journeys into comfortable, seamless experiences. Dera Baba Nanak Land Port serves not just as a crossing point, but also as an essential junction aiding religious voyages.

LPAI plans to amplify its significance to promote cultural heritage, tourism and enhance the economy. Recently the DBN Land Port itself has also gained popularity as a pilgrimage - cum - tourists destination where tourists come to spend leisure time with family.

Gurudwara Sri Darbar Sahib is located about 2km from the land port.



Guru Grant Sahib carried to Shree Kartarpur Sahib facilitated by DBN Land Port



Passenger Movement

The Kartarpur Corridor is a visa-free border crossing and religious corridor.

Gurdwara Darbar Sahib, near Narowal in Pakistan to Gurudwara Dera Baba Nanak, Gurdaspur district, Punjab, India can be visited through DBN.



DBN Land Port: Passenger terminal



DBN Land Port: Passenger terminal

Land Port: *Jogbani*

Jogbani Land Port is an important crossing point for facilitating trade between India and Nepal. It links India with Biratnagar, an industrial city in Nepal. The Land Port is spread across 186 acres. With a railway line passing through, it facilitates rail-based trade with Nepal. A newly constructed bridge by NHAI has significantly reduced the congestion in roads leading to the land port.

BOI has started third country passengers movement through this land port. The check post offers excellent storage facilities with a warehouse, designed specifically for smooth handling and storage of cargo, providing amenities such as resting place for drivers, weighbridges and CCTV surveillance. LPAI aims to strengthen India-Nepal relations by facilitating smooth cargo and passenger movements, enhancing bilateral ties.

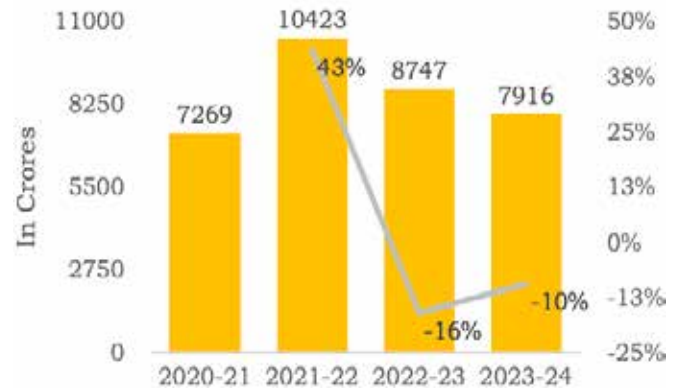
FY 2023- 24: Major Export & Import Items

Import Items - Jute Hessian(15%), Manmade Yarn, Fabrics (23%) and Vegetable oils (9%).

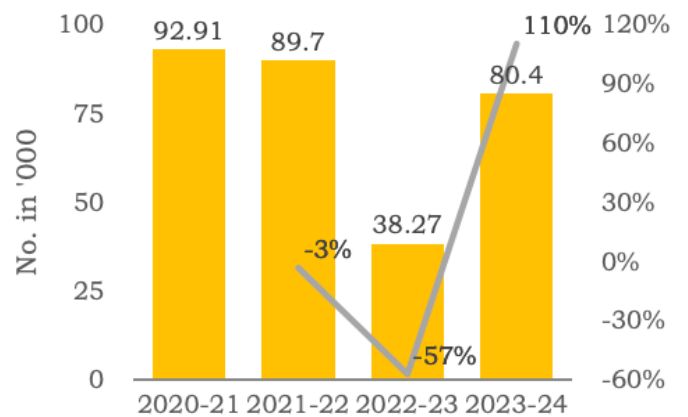
Export items - Iron and Steel (23%), Petroleum Products (11%) and Plastic raw material (5%).



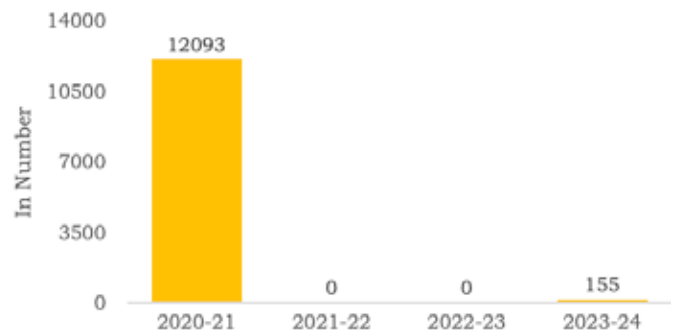
Battery - operated golfcart used for passenger movement



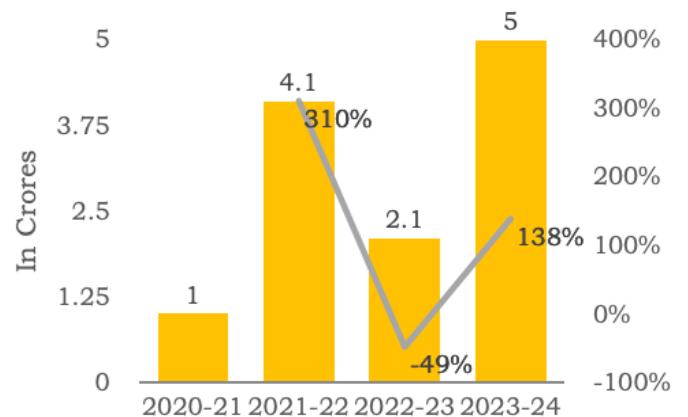
Trade facilitated



Cargo Movement



Passenger Movement



Revenue

Land Port: Moreh

Moreh Land Port is situated 110 km from Imphal and functions as India's gateway to Southeast Asia. Its proximity to Asian Highway 1 makes it a strategic link between India, Myanmar, and Southeast Asia. This 45.58-acre land port houses stakeholder agencies like Customs, Immigration, Border Security, and Port Health Departments. In addition, it has

adopted non-intrusive inspection methods, including drive-through radiation detection equipment and under-vehicle scanning systems to amplify trade-facilitating infrastructure. LPAI has a vision to revitalize trade and passenger flow and enrich the land port with facilities like internet and banking, thus fuelling regional economic development.



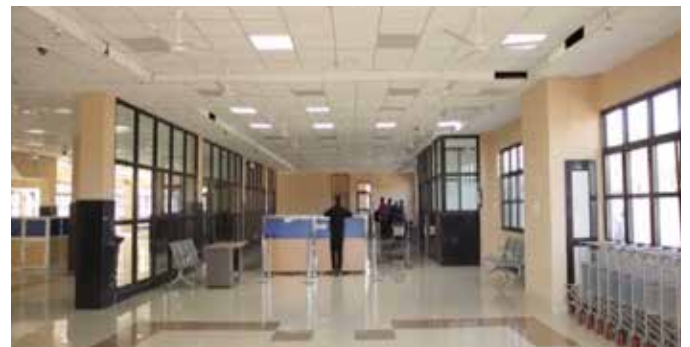
Moreh Land Port: Approach Road



Moreh Land Port : Passenger Terminal



Moreh Land Port



Moreh Land Port : Passenger Terminal



Moreh Land Port: On - Ground management team

Land Port: *Petrapole*

Petrapole Land Port is South Asia's busiest and largest Land Port, accounting for approximately 30% of trade between India and Bangladesh.

This Land Port is located in North 24 parganas district and is about 80 km from Kolkata. This land port features four warehouses, collectively offering a substantial storage capacity exceeding 12,800 metric tons.

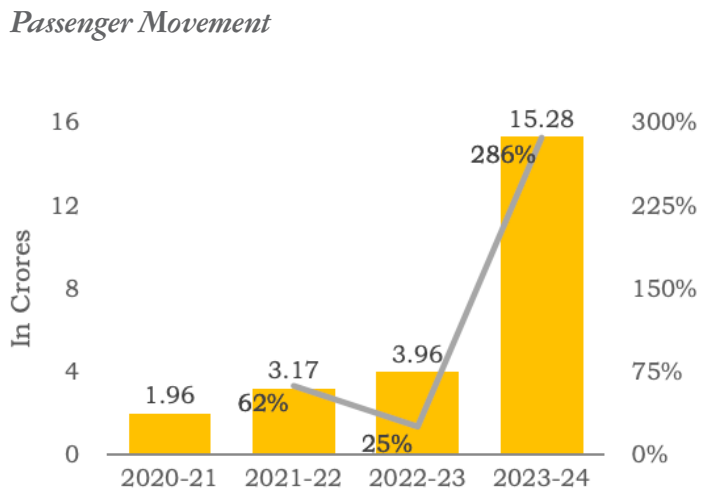
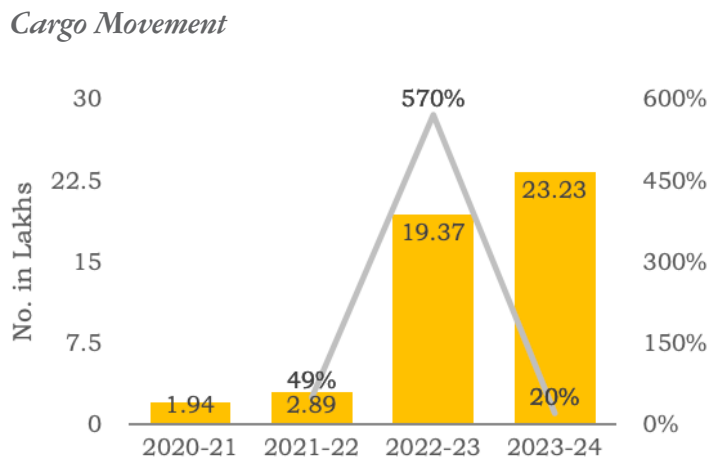
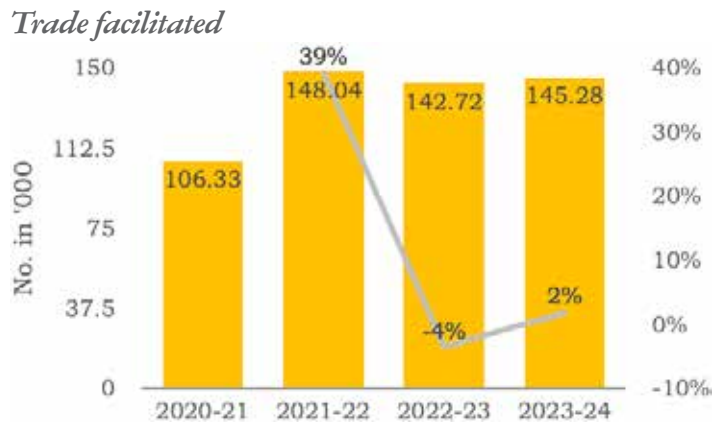
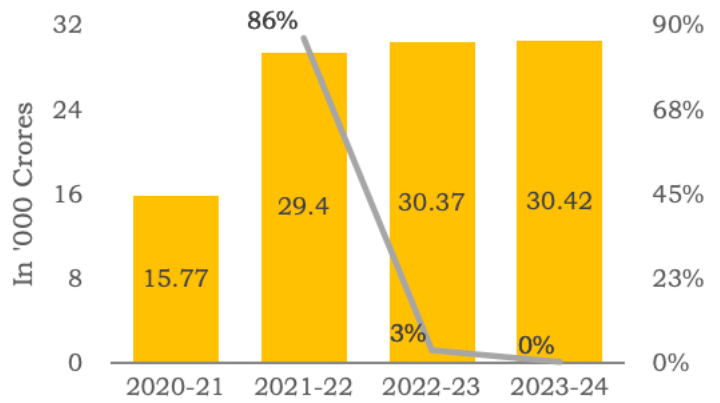
In a bid to enhance trade efficiency, development of a second cargo gate is underway. It is equipped with non-intrusive inspection equipment such as radiation detection equipment and under vehicle scanning system.

LPAI's goal is to provide seamless, secure, and efficient transit systems for goods and passengers by integrating top international practices.

FY 2023- 24: Major Export & Import Items

Export items - Export items Cotton Fabrics, Madeups (13%), Raw Cotton (13%), Iron and Steel (6.5%).

Import Items - RMG Cotton Accessories (35%), RMG manmade Fibres (9%) and Jute raw (11%).



Revenue



Petrapole Land Port: Second cargo gate

Land Port: *Raxaul*

Raxaul Land Port is located along the international border between India and Nepal, at about 230 kms from the city of Patna, State capital of Bihar. It is positioned as a vital trade link on the India-Nepal border, catering to approximately 60% of Nepal’s global trade. It has a railway line passing through it, connecting Raxaul Railway station and ICD Birgunj in Nepal.

LPAI desires to make Raxaul an energy - efficient durable infrastructure that not only conserves resources but also saves money in the long term.

Accommodation for Border Guarding Forces (BGF) is under construction.

Passenger traffic has been zero in last two years due to porous nature of Indo - Nepal border.

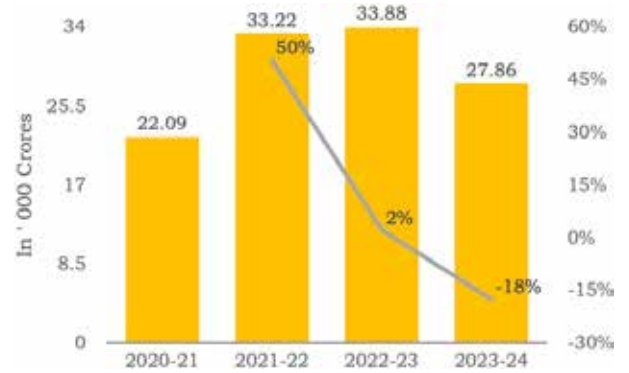
FY 2023- 24: Major Export & Import Items

Export items - Petroleum Products (42%), Iron and Steel (10%), Drug Formulations and Biologicals (5%).

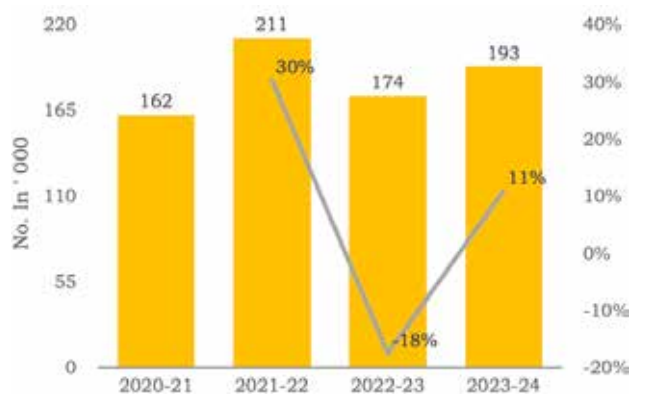
Import Items - Iron & Steel (26%), Misc Processed items (31%), Vegetable Oil (9%).



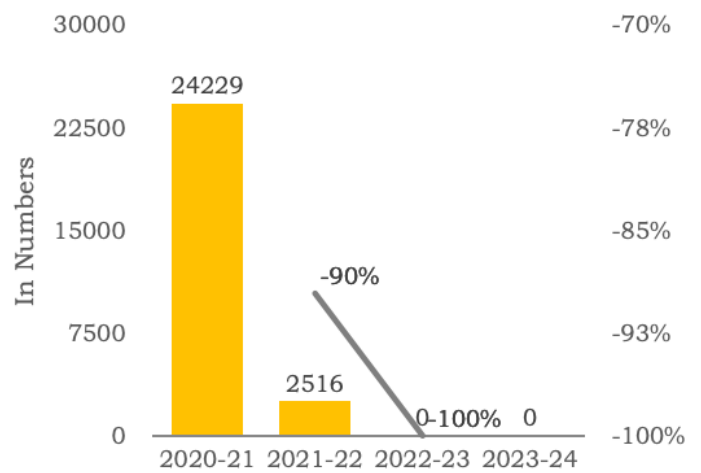
Raxaul Land Port: Road connectivity



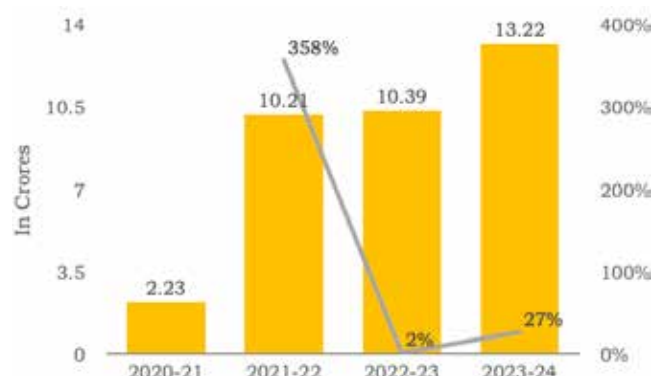
Trade facilitated



Cargo Movement



Passenger Movement



Revenue

Land Port: *Rupaidiha*

Rupaidiha Land Port is located in the Bahraich district of Uttar Pradesh and at 185 kms from Lucknow. Rupaidiha is the first land port of Uttar Pradesh. It was virtually inaugurated on June 1, 2023 by Hon'ble Prime Minister of India and Hon'ble Prime Minister of Nepal.

It has been built on 115 acres of land at a cost of about INR 200 crore.

For smooth traffic movement, a four - lane feeder route of 2.2 km length has also been constructed to link the Rupaidiha Land Port and Nepalganj ICP with National Highway-927 at India side and Ratna Rajmarg at Nepal side.

Rupaidiha to strengthen the trade relationship between India and Nepal.

The port has passenger and cargo terminals, quarantine blocks, a warehouse, washrooms, canteen, sewage treatment plant, and an underground water tank.

Nepalganj land port, a mirror facility at Nepal is under progress and cargo facility from these land ports is to be initiated from 1st quarter of FY 2024-25.

This land port is expected to witness an increase in trade volumes with the number of trucks passing through this border daily to increase from 200 to at least 300. This land port will also facilitate passenger movement, especially for third - country nationals.



Rupaidiha Land Port



Rupaidiha : Cargo Movement

Land Port: **Sabroom**

Sabroom Land Port is one of the land ports after Agartala and Srimantapur allowing Northeast India and other states easy access to the Chittagong port.

Sabroom Land Port is expected to provide the northeastern region direct access to the Chittagong Sea Port in Bangladesh, which is just 75 kms away compared to the Kolkata/Haldia Port, at 1,700 kms away.

Through the Chittagong Port, maritime connectivity will be established between northeastern India and Southeast Asia via the Bay of Bengal.

Built at a cost of Rs 230 crore, the Sabroom Land Port is directly connected to Chittagong port of Bangladesh through the Maitree Setu (Friendship Bridge) over River Feni. With this, Tripura will become a gateway to India's northeastern region.

The new land port will also connect to the Matarbari deep sea port in Bangladesh, which is under construction with Japanese aid.

As per Economics Times dated April 30th 2023* Sabroom's importance is further strengthened considering the fact that India and Bangladesh have entered into a bilateral agreement for the use of the Chittagong and Mongla Ports for the movement of goods between the NER and the rest of India.

In this regard, a protocol was also signed in 2019 by the two countries to facilitate implementation of the Agreement, and Bangladesh finally issued the maiden notification in May 2023, making it a permanent feature of the India-Bangladesh connectivity.

Sabroom Land Port was virtually inaugurated by Hon'ble Prime Minister Shri Narendra Modi on 9th March 2024.



Sabroom: Hon'ble Chief Minister of Tripura being felicitated during inauguration

* <https://economictimes.indiatimes.com/industry/transportation/shipping/-/transport/bangladesh-gives-india-permanent-access-to-chittagong-port-to-enhance-connectivity/articleshow/99893691.cms?from=>

Land Port: *Srimantapur*

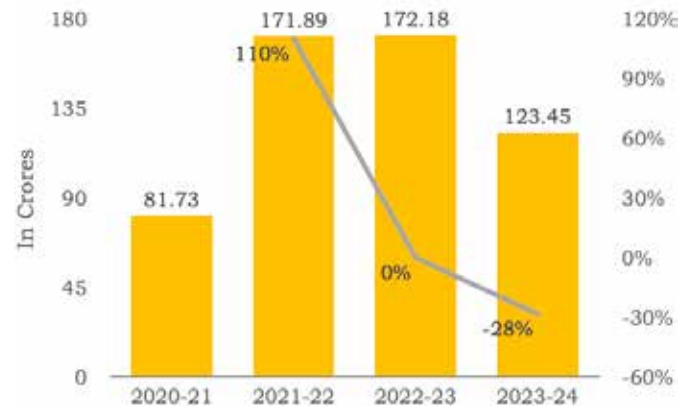
Srimantapur Land Port is located along the international border between India and Bangladesh.

It lies about 4 kms from Sonamura sub- division town and 63 kms from the city of Agartala in Tripura. It connects with a major town of Cumilla on the Bangladesh end.

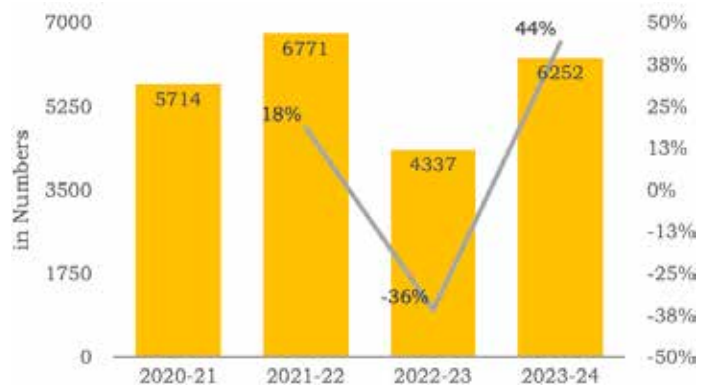
The Land Port has the potential of multimodal connectivity as it has a water jetty on Gomati river that flows from India to Bangladesh.

The development of the Srimantapur Land Port has strategic significance to boost India-Bangladesh trade, in the north-eastern states of India.

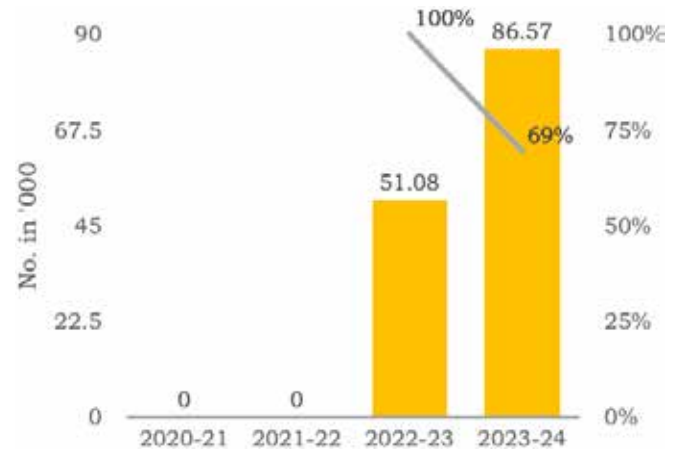
LPAI aspires to evolve Srimantapur Land Port into a vibrant nexus for connectivity and trade, fostering economic growth through partnerships.



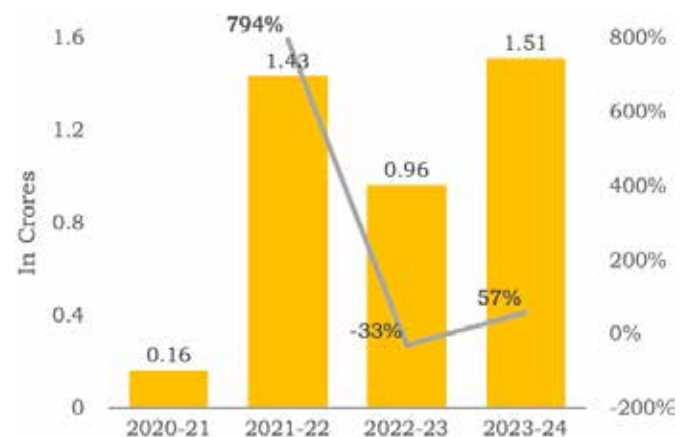
Trade facilitated



Cargo Movement



Passenger Movement



Revenue

Major Export & Import Items: FY 2023- 24

Export items - Pulses (21%), Spices (19%) and Other Cereals (17%).

Import Items - Cement, Clinker and Asbestos Cement (47%), Misc Processed Items (6%) and Petroleum Products (43%).



Srimantapur: Fire safety training

Land Port: *Sutarkandi*

Sutarkandi Land Port is the only Land Port in the state of Assam and located in the Karimganj District of Assam. Silchar is the nearest airport, located at a distance of 100 kms and the nearest railway station is Karimganj.

Mahishasan - Kalaura route at about 10kms is being developed to provide rail - connectivity to the land port.

The Land port is equipped with all the necessary infrastructure for seamless operations. Further, to reduce EXIM dwell time, non-intrusive methods of inspection are being deployed such as drive-through Radiation Detection Equipment and under-vehicle scanning system operations.

After development of infrastructure, Sutarkandi was upgraded to Land Port from Border Trade Center to carry forward trade and passenger movement.

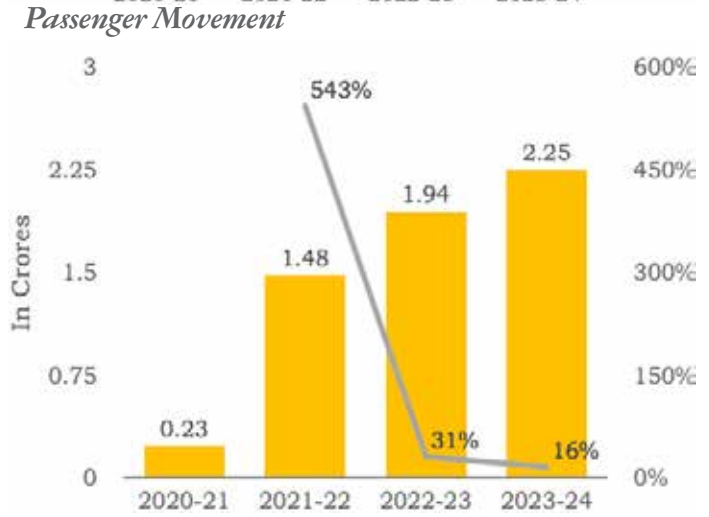
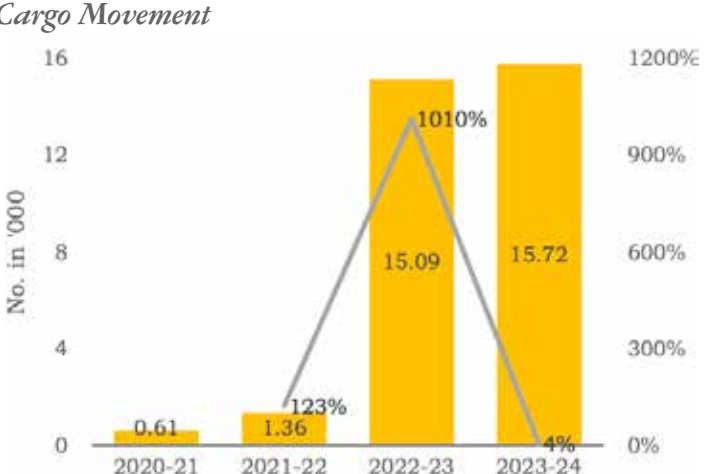
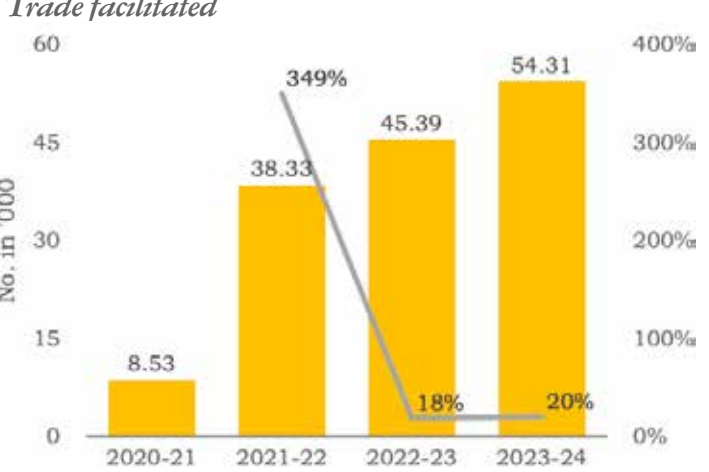
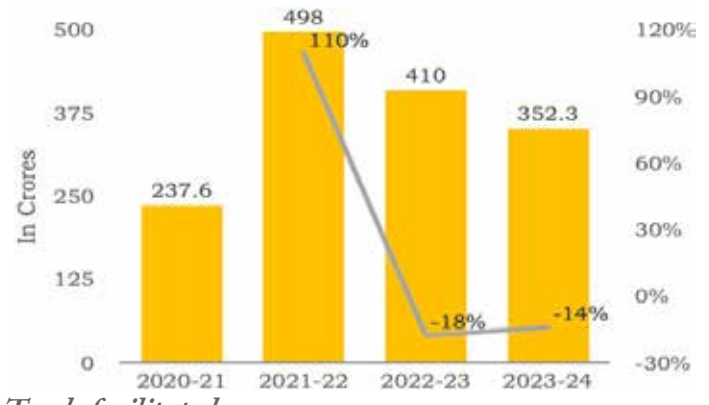
Major Export & Import Items: FY 2023- 24

Export items - Export Items: Bulk Minerals (68%), Cement (16%), and Coal (14%).

Import Items - Plastic Raw materials (42%), Moulded and Extruded goods (25%) and Misc Processed Items (19%).



Sutarkandi: Arrival counter



Revenue

Land Ports Development plan: Pathways for simplifying Trade

To facilitate smoother traffic movement for passengers and vehicles, LPAI is committed to advancing its mission of establishing new Land Ports in 2024-25. The development of Banbasa, Sonauli, Bhithamore, and Kawrpuichhuah is also progressing.

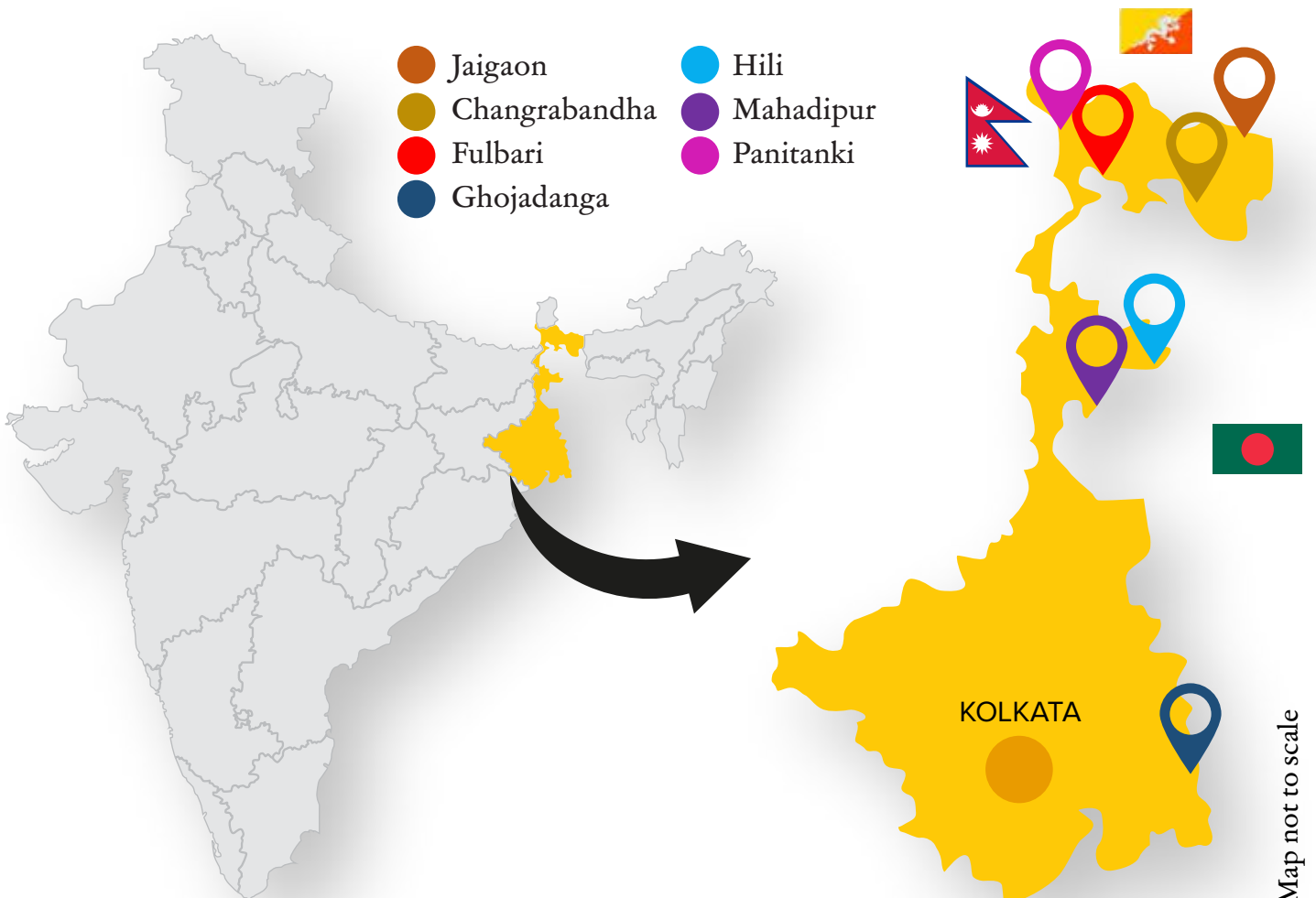
The upcoming financial year will also see upgradation of 7 LCS in West Bengal as Land Ports along the Bangladesh, Bhutan and Nepal borders.

The 7 LCS identified are Jaigaon at the Indo - Bhutan border, Changrabandha, Fulbari, Ghojadanga, Hili and Mahadipur at the Indo - Bangladesh Border and Panitanki at the Indo - Nepal Border.

Currently, all sites are functioning as Land Custom Stations with different stakeholders working in isolation. Considering the potential in terms of trade and passenger movement, LPAI intends to consolidate all stakeholder under one roof. This is expected to uplift the bilateral trade between the two countries. The Land Ports are projected to ensure a seamless passenger movement.

To fast track operation, LPAI is preparing to establish all necessary basic infrastructure at the earliest.

Further, details regarding the seven proposed Land Port locations and their anticipated economic advantages have been elaborated.



Map 4. Proposed Land Port location

Proposed Land Ports

Jaigaon

Located in the Alipurduar district of West Bengal, serves as an entry point to Bhutan. It will be the first Land Port along the international border between India and Bhutan. It connects to Phuentsholing financial Capital of Bhutan. This LCS has the potential to act as gateway of Bhutan.

Import items: Iron & steel (82.61%), Inorganic material (3.5%).

Export Items: Electric Machinery (5.20%), Coal, Coke & Briquettes (3.22%).

Passenger Movement -
2023 BoI report: 2,33,844

Trade facilitated in 2023 - 24:
DGCIS Data: INR 11031.82 Cr.

Connectivity -
Roadway: National Highway (NH)-16 and NH - 12A
Railway : Changrabandha Railway Station 0.5kms

Changrabandha : Snapshot

Fulbari

Located in Rajganj block of Jalpaiguri district, it stands as a pivotal gateway for tourism and trade. It links Northeast India with the rest of the country and connects West Bengal to Bangladesh in Bangladesh via NH31D. It is close to the India-Nepal, India-Bhutan, and China borders. This land port is strategically important as it facilitates land based trade between Bangladesh and Nepal via Panitanki LCS.

Import items: Cotton Fabric made up (75.40%).
Export Items: Petroleum Product (61.76%).

Passenger Movement -
2023 BoI report: 11,063

Trade facilitated -
DGCIS Data: INR 1907.67 Cr.

Connectivity -
Roadway: State Highway (SH)-12A - 0.13 kms away. Asian Highway (AH)-48 - 4 Kms
Railway : Hasimara Railway Station -17.9 kms

Jaigaon : Snapshot

Changrabandha

This LCS is located in Cooch Behar district and shares a border with Bangladesh. It is connected to towns like Siliguri, Jalpaiguri, Mainaguri, Darjeeling, Kalimpong, and Sikkim. Facilitate transit of Bhutanese merchandise trade with third countries through land based trade between Bhutan and Bangladesh via Jaigaon.

Import items: Cotton Fabrics, made up (48%)
Textile yarn, fabric made up articles (17.05%).
Export items: Granite, Natural Stone & product (35.29%), Cereals (21.94%).

Passenger Movement -
2023 BoI report: 65816

Trade facilitated in 2023 -24 :
DGCIS Data: INR 450.97 Cr.

Connectivity -
Roadway: National Highway (NH)-27 - 1.8 kms, connected to Pantanki via Asian Highway 2
Railway : Jalpaiguri Railway Junction

Fulbari : Snapshot

Ghojadanga

Located in West Bengal's North 24-Parganas district, it is a significant border checkpoint on the India-Bangladesh border. It is situated 70 km from Petrapole and 75 km from Kolkata.

As per BoI 2023 annual report, Ghojadanga accounts for 1.76% of foreign arrivals in India.

Major Export and Import Items : 2023-24

Export: Spices (46.05%) fresh vegetables (17.28%)

Import : Spices (17.25%), jute manufactures (13%), cotton textile (7.47%).

Passenger Movement -
2023 BoI report: 2,44,834

Trade facilitated in 2023-
DGCIS Data: INR 351.00 Cr.

Connectivity -
Roadway: National Highway 512 - 4 kms
Railway: Balurghat Railway line proposed to connect the station to land port

Hili : Snapshot

Mahadipur

An Indian village in the Malda district of West Bengal, it serves as a border checkpoint to Bangladesh. It lies opposite Sonamosjid in Bangladesh's Chapai Nawabganj District.

It is the second largest landport in India after Petrapole and 370 km from Kolkata.

Major Export and Import Items: 2023 - 24

Export Items: soyabean extraction, rapeseed extraction, fresh fruits, onion, stone chips, maize, dry fly ash, dry chilies and raw hides.

Import Items: Crude rice bran, plastic cerates, jute yarn, jute bags etc.

Passenger Movement -
2023 BoI report: 4,41,990

Trade facilitated in 2023-
DGCIS Data: INR 12771.47 Cr.

Connectivity -
Roadway: National Highway (NH) 2 - 20 kms
Waterway : National Waterway (NW) 97 - 3kms. Sunderban waterway

Ghojadanga: Snapshot

Hili

A town in the Dakshin Dinajpur district of West Bengal, it has an identical name and connections with Hakimpur Upazila in Dinajpur District of Bangladesh.

The LCS is located within a dense populated area. LPAI plans to develop a new Land Port away from the populated area to facilitate vehicular and passenger movement.

Major Export and Import Items: 2023 -24

Export: Spices (25.21%) pulses (16.02%), fresh vegetables (12.25%).

Import : Spices (98.19%), pumps (1.5%).

Passenger Movement -
2023 BoI report: 68,889

Trade facilitated in 2023- INR 1500 Cr

Connectivity -
Roadway: situated at Gour Road, 13 kms from NH -12
Railway : Gour Malda Station -15 kms

Mahadipur : Snapshot

Panitanki

Located in West Bengal's Darjeeling district, Panitanki sits on the India-Nepal border, facing Kakarbitta on the Nepalese side. The LCS is adjacent to Mech river, which connects India and Nepal. It also serves as a conduit to Bangladesh through Fulbari, and is significant due to its adjacency to Bhutan.

Major Export and Import Items: 2023-24
 Export: Petroleum products (66.63%) raw jute (5.15%), fresh vegetables (2.94%)
 Import : Spices (40.77%), iron & steel (22.2%), plywood & allied products (15.54%), tea (13.3%)

Passenger Movement -
 2023 BoI report: 65816

Trade facilitated in 2023 -24: INR 1671.48 Cr.

Connectivity -
 Roadway: NH - 327 & Asian Highway (AH)-2
 Railway : Batasi Railway Station - 4 kms.
 Proposed Trans-Asian Railway.

Panitanki : Snapshot



Jaigaon



Hili



Changrabandha



Ghojadanga



Panitanki



Fulbari



Mahadipur

Land Custom Stations: Site condition of the seven proposed land ports.

New initiative: **Create change to move forward**

Land Port Management System

The Land Port Management System (LPMS) represents a groundbreaking advancement in the domain of land-based cross-border commerce. It is meticulously designed to function as a comprehensive Single Window system, aiming to streamline and enhance the efficiency of trade operations. The LPMS is a visionary project that seeks to unify all key participants involved in the trade process, including Traders, Customs House Agents (CHAs), Customs authorities, Border Guard Forces (BGF), and Participating Government Agencies (PGAs), by providing a centralized platform that facilitates communication, coordination, and process management.

The LPMS is not just a system; it is an ecosystem that encompasses a wide array of sophisticated capabilities and features, each tailored to address specific challenges and requirements of the land port operations. Some of the notable capabilities of the LPMS include:

Slot booking: Traders and CHAs will be able to pre-book slots at the Land Port. This will allow for optimal usage of Land Port resources by LPAI, reduced congestion at the port and finally lead to seamless trade facilitation operations.

Automated Gate Operations: Using ANPR cameras integrated with boom barriers and verification of driver and truck details through API integration with data bases such as VAHAN, SARATHI etc. LPMS will automate entry and exit of legitimate vehicles leading to improved security and efficiency.

Digitalisation of clearances: Through processes such as automatic gate operations, recording of customs clearances, and

integrated billing module for parking and warehousing, LPMS will digitalise all port related operations and eliminate most of the paper work required at the port.

LPMS is not just a static platform, it is a dynamic and intelligent solution that leverages the power of emerging technologies to transform the landscape of land-based trade facilitation. By integrating advanced technologies such as Artificial Intelligence (AI) and Machine Learning (ML), LPMS is set to provide the Land Ports Authority of India (LPAI) with a wealth of data-driven insights that will revolutionize the way trade operations are managed and optimized.

Artificial Intelligence and Machine Learning in LPMS will allow LPAI to generate insightful reports in areas such as resource utilization and provide information related to peak and lean periods for trade based on location and commodity. It will also do a predictive analysis of expected cargo volumes which will allow for enhanced business decision making and a more holistic port ecosystem.

A slot booking system called “Suvidha Portal” has been deployed at the Land Ports along the India-Bangladesh border. The Suvidha Portal has led to a reduction of export time by 80%, from 110 hours to less than 14 hours in Land Port Petrapole.

Hence, once LPMS is deployed, similar results are expected across all Land Ports. Currently, LPMS is being developed at all operational land ports and is projected to go live by March 2025. The successful implementation of this system will mark a key step forward in India’s efforts to streamline and digitalize operations at land ports.

Passenger Identification & Facilitation System (PIFS)

To allow for seamless passenger movement across land ports, LPAI is developing a Passenger Identification & Facilitation System (PIFS). PIFS will act as a slot booking and

biometric verification system for passengers moving through the land ports. Through a digital portal, the Indian passengers will register through their AADHAR number and foreign passengers will register through their passport number. The registration verification will be done through integration with AADHAR and BoI databases. Post registration, passengers will be able to book a slot at the land port. While registering, the facial attributes of the passengers will be captured which will be used for verification during entry at port via facial recognition cameras. Such a system will allow for uninterrupted movement across the land ports and greatly improve passenger satisfaction. A pilot for PIFS was successfully conducted at Land Port, Petrapole.

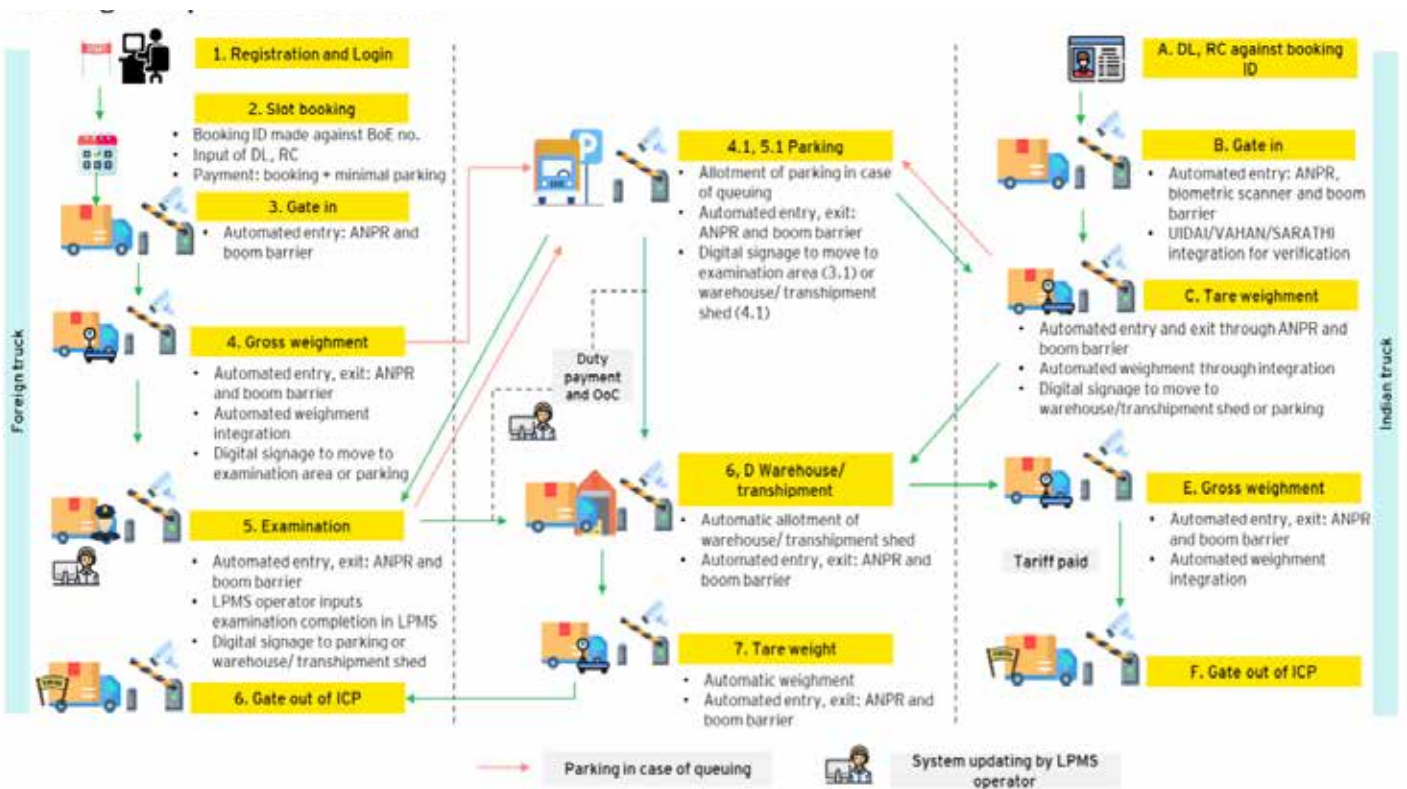
To assess the feasibility and acceptance of a slot booking system for passengers, the Yatri Subidha portal was implemented at Land Port, Petrapole. Since its inauguration, the Yatri Subidha portal has successfully facilitated the departure of 12,731 passengers, hence proving the viability of a slot - booking system for passengers.

Access Control and Security Surveillance Systems across Land Ports

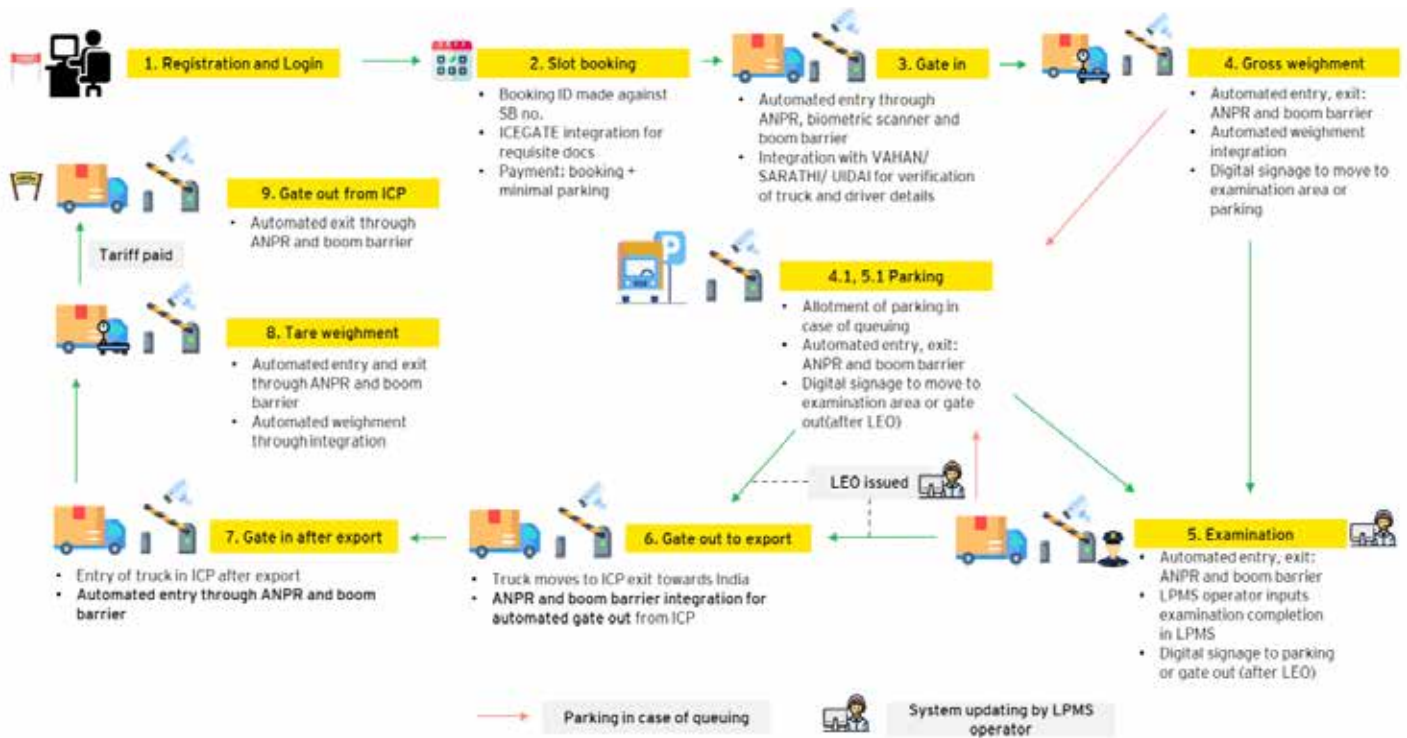
LPAI is committed to modernizing and bolstering border security management. A critical aspect of this vision is implementation of an efficient Access Control system and Surveillance System at land ports, which is currently being developed by LPAI.

Access to the land port will be controlled through automatic number plate and facial recognition system - enabled cameras, which will be integrated with crash rated boom barriers. Only after verification with pre-fed details will the system allow cargo, drivers and pedestrians to enter the port premises.

Various types of cameras such as dome cameras, PTZ cameras and panoramic cameras will be deployed across multiple points to ensure 360-degree surveillance, which can be monitored at the state-of-the-art command and control centre being developed in the port. The system will also be enabled with artificial intelligence for threat identification and alert



Envisaged Import Processes at ICP



Envisaged Export Processes at ICP

generation such as in the case of an unidentified object at the port, overcrowding and suspicious person movement.

By implementing Access Control system, LPAI aims to further enhance safety, streamline operations, and minimize border crossing times, thus fostering effective and efficient cross-border trade and travel. The system is expected to go live by November 2024 at Land Port Attari, followed by Petrapole and subsequently other ports.

Other Digital Initiatives

LPAI's digital strategy encompasses a range of initiatives aimed at enhancing the efficiency and effectiveness of its land ports. One key initiative is the deployment of high-speed internet across all its land ports. This crucial step is set to resolve the connectivity issues that have long plagued remote locations, enabling a more robust communication infrastructure. Reliable internet connectivity is not just a matter of convenience; it is a vital component for better service delivery. Allied agencies such as Customs and BoI stand to benefit significantly, as do the passengers who rely on these services for smooth transit.

In parallel with these connectivity upgrades, LPAI is exploring the potential of emerging technologies, such as digital twins. This technology involves creating a virtual replica of physical port operations, which can be used to run simulations and predict outcomes with high accuracy. By conducting demonstrations with various organizations, LPAI is taking proactive steps to understand how digital twins can be applied to their operations. The implementation of a digital twin will enable LPAI to visualize and analyze the flow of passengers and trade in real-time, identify bottlenecks, and test solutions in a virtual environment before applying them in the real world.

The digital twin initiative represents a significant leap forward in predictive analytics and operational planning. By simulating different scenarios, LPAI can prepare for a range of eventualities, ensuring that the land ports can handle peak loads and respond effectively to any disruptions. As LPAI decides on the next steps for the development and deployment of the digital twin, the focus is on harnessing this technology to improve port operations, enhance the passenger experience, and streamline trade flows.

Crafting the future: Major stakeholders



Central International Health Division
Directorate General of Health Services
MINISTRY OF HEALTH & FAMILY WELFARE

Land Border Health Units (LBHU) are under Directorate General of Health Services of Ministry of Health and Family Welfare. The primary objective of LBHU is to prevent entry and transmission of infectious diseases/ PHEIC across international borders along with ensuring a safe environment for travellers. Health measures at these entry points are undertaken as per International Health Regulations (WHO- IHR 2005) and in accordance with Indian Aircraft (Public Health) Rules and Indian Port Health Rules.



Border Guarding Force (BGF) and Land Ports Authority of India collaborate to foster a secure, stable environment essential for everyday operations of the Land Ports. LPAI supports BGF by providing necessary infrastructure, such as BGF accommodation for males and females at land ports. Jointly, we maintain secure, efficient land ports that bolster India's commerce, without compromising security. Passenger movement is streamlined with support from BGF.



Bureau of Immigration is key in facilitating smooth passenger movement. Beyond fulfilling individual roles, LPAI and BoI have put in efforts to streamline processes, reduce delays, and expedite clearances at land ports. This teamwork not only enhances passenger movement efficiency but also emphasizes quality service, underscoring the importance of cooperation.



The innovative E-Cash Ledger, Anonymous Escalation Mechanism, and Pre-Arrival Customs Data Exchange system have modernized customs processes. LPAI's facilities such as Rummaging and Inspection sheds ensure swift cargo and passenger checks. As a team, we effectively ensure safety using amenities like baggage scanners, CCTV, radiation detection, and truck - scanning machines.

Empowering talent: Shaping futures

Land Ports Authority of India is dedicated towards its employee development and has meticulously crafted training programs that bridge the gap between current performance and future goals. These practical tools equip our workforce with essential knowledge and skills necessary to navigate complex regulations, deliver superior customer service, and improve problem-solving abilities, empowering them to excel in their roles. Each element seamlessly integrates with the vision of our esteemed Prime Minister, "Empowering every citizen to be a catalyst for change" under 'Viksit Bharat.'

LPAI's training philosophy is built on seven pillars, each meticulously designed to cultivate talent and drive future success. We utilize diverse training methods to cater to various learning styles, enhancing effectiveness and engagement in our programs.

Planned Training Calendar: Onsite training programs cater to specific domains, ensuring focused learning.

LPAI's Online Learning Ecosystem (Aligned with Karmayogi Bharat): Our user-friendly online platform offers a comprehensive library of courses under the Government of India's Karmayogi Bharat initiative. This platform is not just a resource but also a tool that empowers our staff to access learning materials and complete training modules at their convenience, fostering continuous learning and personal growth.

MasterCLaaS (Competency Learning as a Service): Renowned industry leaders share their expertise through these monthly sessions, enriching staff with invaluable insights.

"Port-side Chats" Podcast (Coming Soon): This initiative fosters open dialogue for a safe and efficient trade and passenger experience at our ports.

Customized Training Sessions: Tailored programs address specific needs, ensuring targeted skill development beyond those covered in the Planned Training Calendar.

Internships: We actively engage bright minds from prestigious institutions across India and are now extending this program to include participants from BBIN countries. These internships are not just about us benefiting from their fresh perspectives but also about them strengthening their knowledge base and gaining valuable real-world experience. We value their contributions and are committed to their growth.

Workshops/ Seminars/ Conferences: These outreach programs provide valuable learning opportunities for a wider audience.

LPAI's commitment to regional collaboration is evident in our upcoming five training programs for participants from BBIN countries, which align with the Government of India's "Neighbourhood First" strategy. In partnership with Indian Technical and Economic Cooperation (an institution under the Ministry of External Affairs), this initiative fosters seamless cross-border coordination and trade facilitation.

Continuous learning is paramount at LPAI. Our commitment is further exemplified by our monthly MasterCLaaS sessions. These sessions provide a platform for industry experts to share their insights, empowering staff to excel professionally and personally. The inaugural lecture by Prof. Himanshu Rai, Director, IIM Indore, exemplifies this

commitment.

Our internship program actively engages bright minds from prestigious institutions across India. During the 2023-2024 session, their valuable contributions significantly strengthened our knowledge base and provided helpful recommendations for efficient land port development.

Last year, LPAI conducted a series of successful training programs to equip our staff with the necessary skills and knowledge.

These programs included:

- Onsite training programs on specific domains through our Planned Training Calendar and beyond in areas of communication skills, soft skills, and computer literacy and workshops on team dynamics, preventive vigilance, and governance.
- A five-day intensive program on Cross-Border Trade, in partnership with IIFT, Delhi, provided in-depth knowledge and best practices in this crucial domain.
- A workshop on Gender Mainstreaming: Capacity Building in collaboration with ICRIER- New Delhi.
- Specialized safety training sessions with the National Fire Service College, Nagpur and CISF-NISA, Hyderabad.
- Driver Training & Road Safety Education Program in collaboration with IRTE to enhance the competency of our drivers.
- Comprehensive Facilities Management and Housekeeping Training Program at IHM PUSA, New Delhi, to ensure our facilities

meet the highest cleanliness and efficiency standards.

- An educational visit to the LPAI HQ for IIFT (Indian Institute of Foreign Trade) students, informing them about the LPAI's history and operations.

Finally, to combat the cycle of "unlearning, learning, and relearning," we are establishing a **residential training institute** in Agartala by 2024-2025. This initiative underscores our commitment to continuous learning and knowledge retention.

We are confident that this unwavering focus on employee development will propel LPAI towards a brighter future, ensuring efficient and secure land ports as vital gateways to India's economic prosperity.



POSH Training at LPAI



LPAI employee orientation program – conducted at Attari Land Port

**Sealing success:
MoUs signed & training delivered**



CPWD Training Academy

Training on GCC and OMs, Participants from Finance and Projects division from LPAI HQ and Land Ports.



NISA Security Training

Land Port Security training at NISA covered a wide range of topics: access control, emergency response, cybersecurity and threat analysis. The training equipped trainees with the skills to manage emergency situations.



IHM-PUSA, New Delhi

Comprehensive Facilities Management Training for housekeeping staff from Land Ports.



Fire safety training at the National Fire Service College NFSC, Nagpur

Fire safety training for LPAI nominated 30 fire personnel from Land Ports was conducted from 18th - 29th March 2024.



MoU with the School of Planning & Architecture and LPAI

Collaborated to bolster training and research in land port development. This MoU will support in planning holistic sustainable land ports. The MoU was signed by Mr. A.K. Singh, Director (Operations), LPAI, and Mr. Virendra Kumar, Registrar, SPA.



On 28th July 2023 LPAI signed an MoU with National College for Fire Service, Nagpur

The collaboration aims to enhance safety and preparedness at our land ports, ensuring smooth trade and freight operation.



MoU signing with IIM Ahmedabad on 28th July 2023

The collaboration aims to leverage expertise in logistics management to foster innovation and efficiency at land ports.



MasterCLaaS Lecture Series featuring Prof. Himanshu Rai, Director, IIM - Indore

Inaugural discourse on 'Beyond Management: Leading with Vision'. LPAI officials participated, gaining profound insights from vedas on visionary leadership.

Research & publications: Driving innovation

LPAI recognizes the critical role that research studies play in informing and shaping effective policy decisions. In 2023-24, LPAI completed four significant commissioned research studies, each contributing valuable insights into various aspects of land port operations and management.

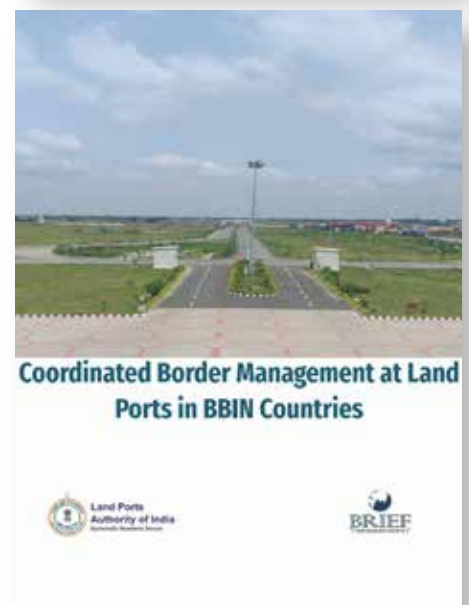
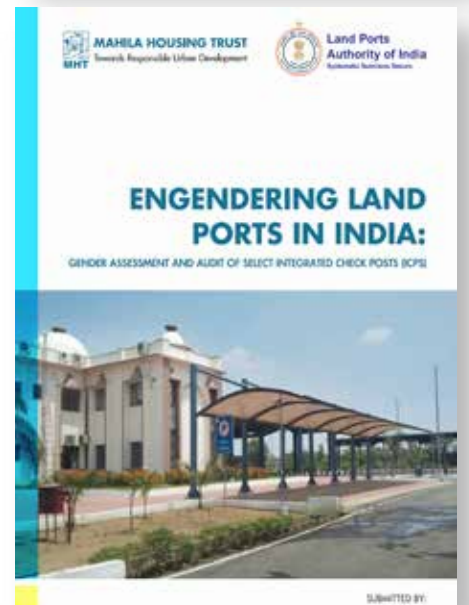
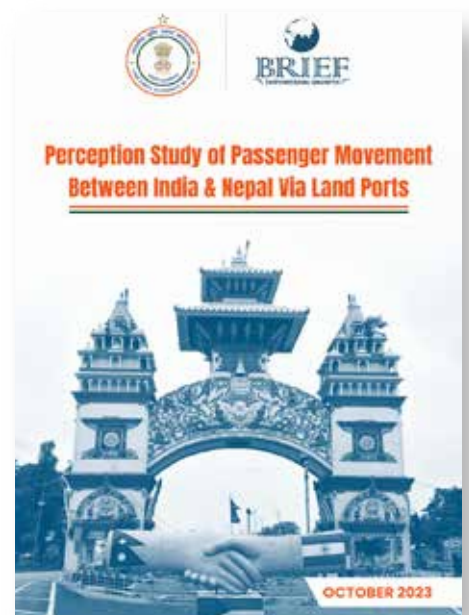
1. Engendering Land Ports in India, by Mahila Housing Trust, released in January 2024, focuses on incorporating gender-sensitive measures in land port operations. This study highlights the importance of creating inclusive environments that cater to the needs of all genders, ensuring safety, accessibility, and equity at land ports. The findings serve as a blueprint for integrating gender perspectives into the planning and management of land ports across India.

2. Perception Study of Passenger Movement between India and Nepal via Land Ports, by BRIEF Pvt Ltd., provides crucial findings on the experiences and challenges faced by passengers traveling between the two countries. The study's insights help in identifying areas for improving passenger services and infrastructure, thereby enhancing the overall travel experience and efficiency of cross-border movement.

3. Coordinated Border Management at Land Ports in BBIN Countries, also with BRIEF Pvt Ltd, explores the potential for collaborative border management among the BBIN (Bangladesh, Bhutan, India, and Nepal) countries. This study underscores the importance of harmonizing procedures and enhancing cooperation to facilitate smoother and more efficient border operations, which is vital for regional economic integration and security.

4. Improving India's Ease of Trading Across Borders: Opportunities and Challenges in Integrated Check Posts, conducted by CUTS International, addresses the hurdles and prospects in enhancing trade efficiency at Land Ports in India. The dissemination workshop held on November 22, 2023, at LPAI HQ, provided a platform for discussing the study's findings with key stakeholders.

These research studies underscore LPAI's commitment to evidence-based policymaking and continuous improvement of land port operations, ensuring they remain efficient, inclusive, and conducive to both passenger and trade movement.



Blueprint for tomorrow's success: *The art of project management*

Land Ports Authority of India (LPAI) is determined to build state-of-the-art infrastructure at Land Ports, focusing on improving user experience and customer service. Passenger and trade needs are continuously evaluated while considering upgrade and modernization of land ports. In 2023-24, LPAI expanded operations by commissioning Land Ports at Dawki, Rupaidiha, and Sabroom.



Shri Sanjeev Gupta
Member Planning & Development

To cater the demand of passenger movement, state - of - the - art passenger terminal is planned to be operationalized in 2024-25. Furthermore, LPAI aims to transform seven Land Customs Stations (LCS) in West Bengal - Jaigaon, Hilli, Ghojadanga, Changrabandha, Panitanki, Fulbari and Mahadipur into Land Ports. These are expected to be operationalised, by 2024-25 with basic necessary infrastructure.

As part of commitment to security, LPAI will introduce AI-based security systems and boost surveillance at all its Land Ports. There are plans in place to automate customs clearance processes and incorporate advanced vehicle - scanning systems.

LPAI emphasizes the need for strategic alliances with both private players and government entities. Through partnerships with institutions of national importance in fields such as technology, architecture, engineering, think tanks, and consultancy firms, LPAI endeavours to continuously stimulate research in emerging technologies and new operational approaches, aiding in its continued leadership in the land port domain. In this regard, MoUs have been signed with institutes like School of Planning & Architecture , New Delhi, and National College for Fire Services, Nagpur among others.

Shri Sanjeev Gupta, Member (Planning & Development) brings over 35 years of leadership experience. His wealth of experience is guiding the blueprint for LPAI's future success, with a focus on establishing sustainable, environmentally friendly, and low-maintenance passenger and cargo terminals. Below, he offers an insightful perspective on LPAI's vision for project development.

How is sustainability and climate change issues addressed during the development of passenger terminals or cargo facilities?

New facilities that are being developed are resilient, keeping climate change in the mind. For example at Petrapole Land Port a new passenger terminal building was conceptualized, and construction is being done in accordance with accepted standards of safety, earthquake resilience requirements, environment protection, rainwater harvesting and public health.

Resilient infrastructure like sewerage treatment plant and water treatment plant have been planned. The building's construction incorporates features that accommodates individuals with different abilities, uses energy-efficient materials, and considers resource conservation. The building also prioritizes high-level security and surveillance measures while being eco-friendly.

How has LPAI achieved the delicate balance between budget management and project development, despite their potential incongruity?

LPAI seamlessly integrates budget and project management, aligning them through thorough planning, regular site visits , fiscal audits, strategic resource allocation, and contingency plans.

LPAI also prioritizes cost optimization, cause-effect analysis, manages timelines, and has defined project monitoring protocols to ensure project delivery within budget and schedule.

Transforming blueprint into Tangible success



UP's first Land Port at Rupaidiha inaugurated jointly by Hon'ble Prime Minister of India and Hon'ble Prime Minister of Nepal on 1st June 2024.

It enabled seamless trade of agricultural products, textiles, machinery, and more boosting economies and fostering regional connectivity.



Dawki Land Port Inauguration

MoS for Home Affairs Shri Nityanand Rai inaugurated Dawki Land Port in Meghalaya. The Land Port is expected to boost tourism and business.



Ground-breaking - Ceremony in Sunauli Land Port

Shri Pankaj Chaudhary, MoS, Ministry of Finance, planting tree at the Sunauli - Bhairahawa Land Port groundbreaking ceremony, highlighting strong bilateral relations. Sunauli Land port near Lumbini is expected to boost Buddha - related tourism.



Hon'ble Home Minister Shri Amit Shah at Bhumi Pujan ceremony in Petrapole Land Port

Hon'ble Home Minister Shri Amit Shah visited Petrapole Land Port to inaugurate the hostel accommodation and the Bhumi Pujan of the 2nd Cargo Gate (Maitri Dwaar). It marked an important milestone in boosting trade and enhancing border connectivity.



BGF Accommodation Jogbani Land Port

Boder Guarding Force accomodation inaugrated at Jogbani. LPAI has supported BGF by providing necessary infrastructure, like BGF accomodation for males and females at land ports.



Permanent Jetty at Srimantapur Land Port

Virtual inauguration of Permanent Jetty on the Gomati River at Land Port Srimantapur by Shri Sarbananda Sonowal, Minister of Ports, Shipping, & Waterways. A crucial step towards multi - modal connectivity.



Inauguration of Sabroom Land Port

Virtual inauguration of Land Port Sabroom carried out by Hon'ble Prime Minister of India on 9th March 2024 as part of 'Viksit Bharat Viksit North East' event. A milestone in India-Bangladesh trade and connectivity relations, this port in South Tripura District opens new avenues for economic and cultural exchanges.

The port will streamline passenger & cargo movement, reducing distances significantly between the North East and Chattogram Port in Bangladesh.



BLPA & LPAI joint meeting at Dawki Land Port

Joint meeting between Bangladesh Landport Authority & Land Ports Authority of India official at Dawki Land Port for working on route synchronization & finalizing construction plans for seamless connectivity.



LPAI & National Safety Council signs MoU

LPAI and NSC collaborated and signed an MoU to enhance training and technology synergies of land ports in India.



Launch of online Cargo Operations & Immigration at Jodbani Land Port

Jodbani Land Port goes digital with the launch of online cargo operations and immigration on 1st Dec 2023. Hon'ble MP Araria Shri Pradeep Kumar Singh inaugurated the event, joined by esteemed dignitaries. A momentous step towards efficient trade facilitation.

Progressing together: The path forward for LPAI

For a perspective on LPAI's path forward, Ms. Rekha Raikar Kumar Member Finance LPAI, provides below valuable insights regarding the trajectory that LPAI plans to embark on as it advances.

What is your perspective about revenue enhancement & sustainability of LPAI after 12 years of formation?

LPAI provides infrastructural facilities and plays an important role in cross - border trade and passenger movement. It is essential that LPAI has a consistently growing revenue flow to maintain operations and upgrade infrastructures. Revenue is collected for the services rendered at land ports including charges for cargo handling, storage, weighment, duty free shops and other rentals from the land ports. The organization is continuously striving to improve operational efficiency by refining processes, adopting automation, and embracing innovative technologies.

LPAI is continuously reviewing and prioritizing strategic infrastructure investments. These involve advanced cargo handling facilities and better facilities to passengers.

Additionally, LPAI is broadening its sources of income by offering value - added services like cold storage, transshipment, mechanization etc. LPAI intends to develop its land ports as a logistics hub for their respective regions.

Timely bank reconciliation and preparation of balance sheet, assets register for assets etc. is ensured through regular review meetings and coordination. Third party audit and compliance of statutory audit has also been

done to ensure perfect checks & balances and internal controls.

To ensure well versed staff & officers they are being trained in Financial Management, PFMS, Tally Software (Basic & Advanced), GeM & CPP Portal, CPWD Code, Tax Management (TDS/GST) etc.



Ms. Rekha Raikar Kumar
Member Finance

Could you elaborate on the measures LPAI implemented in the FY 2023-24 to enhance user convenience?

As a part of 100% digitalization of all transactions at land ports, an e-payment gateway has also been started w.e.f 01.01.2023. POS Machines and QR codes for digital payments have been installed at various ICPs for collection of charges. POS machines are in function at land ports i.e., Attari, Agartala, Dera Baba Nanak, Dawki, Jogbani, Raxaul, Srimantapur, Sutarkandi, so that payment can be made through debit card, credit card and UPI. We are continuously working to make all land ports completely digitalized.

In pursuit of gender inclusivity and neutrality, the LPAI has been actively implementing measures to create gender-friendly infrastructure and integrate Diversity, Equity, and Inclusion (DEI) policies.

How does it plan to make progress in the upcoming year to attain financial prudence?

Financial Management Information System (FMIS) is introduced. As preliminary implementation of FMIS in LPAI, a tally dashboard has been designed for day to day monitoring of Management Information System (MIS). LPAI is responsible for making its land ports more user friendly and accessible to all. Facilities such as ATMs and Forex Exchange Counter are also required at all land ports located at various land borders for easy access by passengers as per their requirement.

How is LPAI Bridging the gap and upholding gender in the land ports mainstreaming ?

LPAI is actively promoting gender equality, particularly in Land Ports, to establish a balanced representation of women. Key initiatives include recruiting more women, gender sensitization training, equitable facilities, and ensuring women's safety. Steps are being taken under LPAI to create a supportive infrastructure that caters to women's needs, providing them with equal opportunities to thrive in various roles within Land Ports. By involving women in policy making and adapting services to meet their specific needs, LPAI aims to foster an environment where women's rights are upheld and their contributions recognized, thereby advancing the nationwide endeavour towards a truly inclusive and empowered society.

Gender mainstreaming in cross-border trade has been recognized as an integral part of India's National Trade Facilitation Action Plan (NTFAP) 2020-2023. In pursuit of gender inclusivity and neutrality, the Land Ports Authority of India (LPAI) has been actively implementing measures to create gender-friendly infrastructure and integrate



Report release: Engendering Land Ports In India

Empowering women from various sectors, and recognizing their invaluable contributions.



Workshop on 'Gender Mainstreaming at India's Land Ports'

Participants included port managers, representatives from CBIC India, BOI, PQ and AQ who engaged in fostering a more inclusive and equitable environment.



Report released on Gender Mainstreaming at India's Land Ports

Through the study, an attempt was made to develop a template for a gender lens assessment of hard and soft infrastructure at land ports.



Dedicated Housekeeping staff trained

Dedicated Housekeeping staff trained to drive E- Rickshaw (golf – cart) to enhance passenger service. Women force embracing new skills through training and breaking barriers.

Diversity, Equity, and Inclusion (DEI) policies.

Gender mainstreaming in cross-border trade has been recognized as an important parameter under the Global Survey on Digital and Sustainable Trade Facilitation, undertaken by UNESCAP. To achieve gender neutrality, Land Ports Authority of India (LPAI) is building requisite gender - friendly infrastructure, incorporating Diversity, Equity and Inclusion (DEI) policies. Aligned with United Nations Sustainable Development Goal (SDG) #5 which focuses on 'Gender Equality', LPAI is committed to promoting equal opportunities for all genders and ensuring that workplaces are inclusive. LPAI instituted two research studies for understanding how to systematically take up the work of gender inclusivity at land ports. The first study was done by ICREAR and the second study was undertaken by Mahila Housing Sewa Trust which developed an extensive toolkit for land ports on the basis of parameters i.e, Institutional Mainstreaming, Accessible Infrastructure, Client Servicing & External Environment.

Within the next 3 years, on the basis of these scores a phase-wise implementation strategy has been put in place to mainstream gender in LPAI's operations. These measures include mobile charging facilities, separate queues and baggage scanning facilities for women, setting up toll - free information and help desk counter at land ports, separate gates for movement of export and import vehicles,

baby care facility and lactation rooms, adequate street lighting at approach roads to the land port, internet connectivity and wi-fi hotspots, separate washrooms, gender diversity in logistics sector, CCTV monitoring for women's safety etc. An in-house comprehensive questionnaire was prepared and circulated to all the Land Ports. Each land Port has been ranked based on the responses. Scoring gender responsiveness can guide informed decision-making, fostering a more equitable operational environment at LPAI and aiding in the effective implementation of the phase-wise strategy.

Additionally, workshops are being conducted at land ports to promote inclusivity and awareness. Furthermore, these workshops are instrumental in formulating policy recommendations via stakeholder consultations. A total of five such workshops have been conducted for the following land ports: Petrapole, Attari, Dera Baba Nanak, Agartala, Srimantapur, Sabroom and Raxaul. The remaining will be completed by June. LPAI envisions transforming land ports across India into gender-responsive entities by April, 2027. A phase-wise Implementation Plan has been prepared for each of the land port based on the infrastructural facilities, cargo and passenger movement and surrounding ecosystem of the respective land port over the course of a year, commencing from April 2024 and ending in March 2025. The implementation plan will be executed in four phases between April 2024 and March 2025.



Gender Mainstreaming Workshop organized at Land Ports

Fuelling progress: Establishing operational stability

This has been a transformational year for LPAI. In its time release reports, CBIC has noted that export release time at land ports has decreased significantly, from 101 hours in 2021 to 22 hours in 2022 and 11 hours in 2023. In comparison, sea ports take 192 hours, ICDs 178 hours, and ACCs 35 hours. Import release time at land ports is also impressive at 17 hours, much lower than sea ports (95hrs), ICDs (90 hrs), and ACCs (50 hrs) in 2022. This has set the tone for future endeavours of a young organisation like LPAI.

Operational excellence remains a top priority for LPAI. To optimize operations, LPAI is adapting advanced IT solutions in the form of Land Port Management System to augment cargo monitoring, automation and data management.

Maintaining safety and security standards at land ports is also a key focus for LPAI. This year, LPAI has equipped its eight operational Land Ports (Attari, Agartala, Dawki, Raxaul, Moreh, Jogbani, Petrapole, and Sutarkandi) with Radiation Detection Equipment, fire safety systems etc. These efforts have been complemented with adequate trainings. A disaster response team has been formed at the Land Ports who can act swiftly to mitigate the losses in case of any disaster, since the land ports are located in remote corners of country prone to frequent climatic challenges.

LPAI focusses on investment in employee training and skills development. Training sessions held this year covered Security and Access control, accounting tool like Tally. LPAI conducted masterclasses led by industry experts. In the FY 2024-25, there are plans to establish a residential training facility in Agartala to provide training to LPAI employees as well as its stakeholders. Proposal to conduct collaborative training of counterpart countries is being actively considered.

To exceed passengers, traders expectations and enhance land port operations, LPAI conducted studies in 2023-24 on Passenger Movement between India & Nepal via Land Ports in October 2023, Coordinated Border Management at Land Ports in BBIN Countries in November, and Engendering Land Ports in India. LPAI is committed to uniform user experience at all land ports across India and greater participation of

women in transport sector.

Moving forward, LPAI plans to introduce a quantifiable monitoring mechanism to strengthen operational performance of the land ports.



Shri Vivek Verma, Secretary, is driving LPAI towards innovation and transformation. He emphasizes the importance of utilizing digital technologies to streamline operations, cultivate new revenue streams, trade facilitation and boost organizational competitiveness. He provides insights into steps being taken to enhance land ports efficiency.

What initiatives has LPAI taken for traffic management and terminal comfort?

A centralized electronic platform, known as the Land Port Management System, is under development for the purpose of streamlining operations at Land Ports. The system will be designed to enable smart and secure exchange of information amongst all stakeholders. The system will provide a one-time registration for all users, manage cargo slot services, and have the capacity to record details of shipments as well as gate in/out transactions. This will provide for secure, seamless transfer of data to facilitate better traffic management and terminal comfort and minimal manual intervention.

What are the strategies taken by LPAI for safe handling of Cargo?

LPAI has upgraded the cargo handling facilities in Petrapole. Advanced automation systems have streamlined cargo transport and transshipment. Intervention include conveyor belts for faster cargo movement and revamped warehouses. Additionally, plant and animal quarantine measures are enforced. LPAI also introduced digital parking slots for improved traffic management. These changes not only provide better cargo flow but also advance cross-border trade.

What are the key upgradation of passenger services?

Value added services including arrival and departure assistance, complimentary food and beverages, assisted immigration clearance, private suit, medical assistance, assisted currency exchange, onward transport support, Hotel booking assistance, assistance for medical treatment facilities are being provided at Petrapole and similiary facilities are being planned for other land ports in more organized manner.

Encouraging trade: Path to self-sustainability



5th Bangladesh-India Sub-Group Meeting on ICPs/LCSs Infrastructure, at Dhaka in November 2023

Led by Mr. Md. Zillur Rahman Chowdhury, BLPA Chairman, and Mr. Aditya Mishra, LPAI Chairman. The delegations committed to enhancing cooperation for trade and passenger movement.



International trader meet at Dawki Land Port

Government officials, industry leaders, and delegates collaborate to sign significant MOUs to boost cross-border trade and Commerce. First international marquee meeting of traders from India, Bangladesh, and Bhutan. Landmark moment at Dawki Land Port.



First-ever shipment between India and Bangladesh in Indian Rupees from Petrapole Land Port

Petrapole Land Port makes a historic move led by Tata Motors which exports through LC in Rupees. It is set to bolster trade between India and Bangladesh.



ADB Official visiting Agartala Land Port

Dy. Director General of South Asia Regional Department at ADB visited the Agartala Land Port in November 2023. The team discussed LPAI's role in facilitating cross-border trade and passenger movement.



Smt. Nirmala Sitharaman, Hon'ble Minister of Finance visited Srimantapur Land Port

This multimodal landport will position Tripura as a gateway and trade hub for NER.



Seminar on Multi - Modal Connectivity BBIN region and importance of Land Ports at Delhi

Valuable insights received from CUTS International.



Dr. Sawar Dhanania, Chairman of the Rubber Board, GoI visited Agartala Land Port

The focus was on exploring a Transit Protocol Route via Bangladesh through Ashuganj Riverine port and Chattogram seaport to enhance Tripura's rubber industry trade routes.



Enhancing India-Myanmar trade and connectivity

A panel discussion enriched insights into enhancing India-Myanmar trade and connectivity, focusing on strengthening border connectivity for mutual benefit.



Hindi workshop at Dawki Land Port

Hindi karyashala was conducted regularly by LPAI across all land ports. Regular Hindi workshops organized across all land Ports in India to bring in operation efficiency and improved communication.



'Azadi Ka Amrit Mahotsav', united with BSF adorned Petrapole Land Port

Independence Day celebrated at Petrapole Land Port.

Strengthening communities: Enriching lives



Swachh Bharat Swatha Bharat

Cleanliness drive at Raxaul Land Port saw active participation from Sh Pramod Sinha (MLA, Raxaul) and stakeholders, for making NH 28A and Sivantola cleaner.



General Health & Cancer Camp at Srimantapur Land Port

General Health & Cancer Camp held at Land Port Srimantapur in collaboration with CBCC Cancer Centre, benefiting porters, families and stakeholders.



Digital Banking Initiative with Kotak Mahindra Bank

LPAI & Kotak Bank team up for innovative digital banking solutions. A great leap towards digital Land Ports.



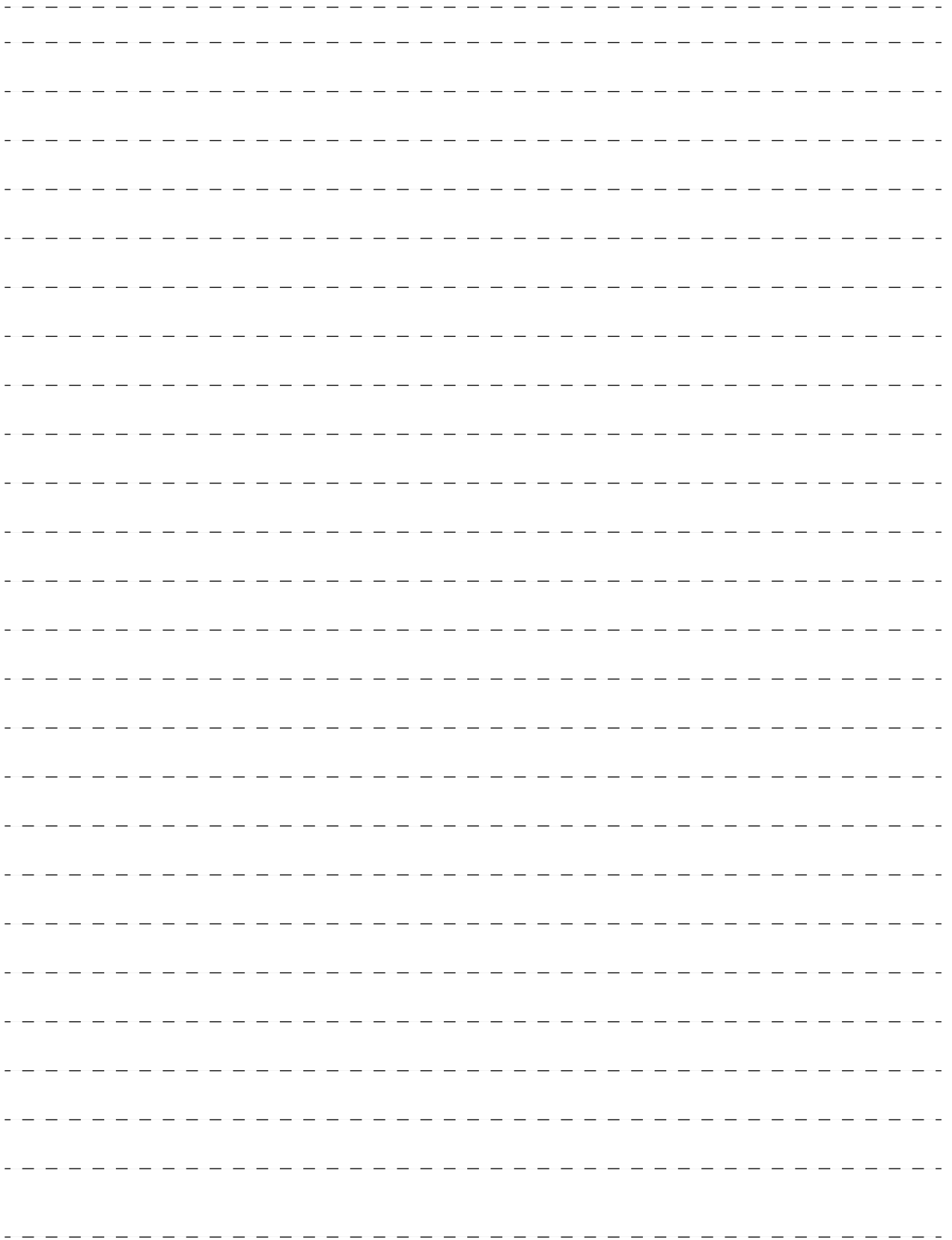
Plantation Program at Rupaidiha Land Port

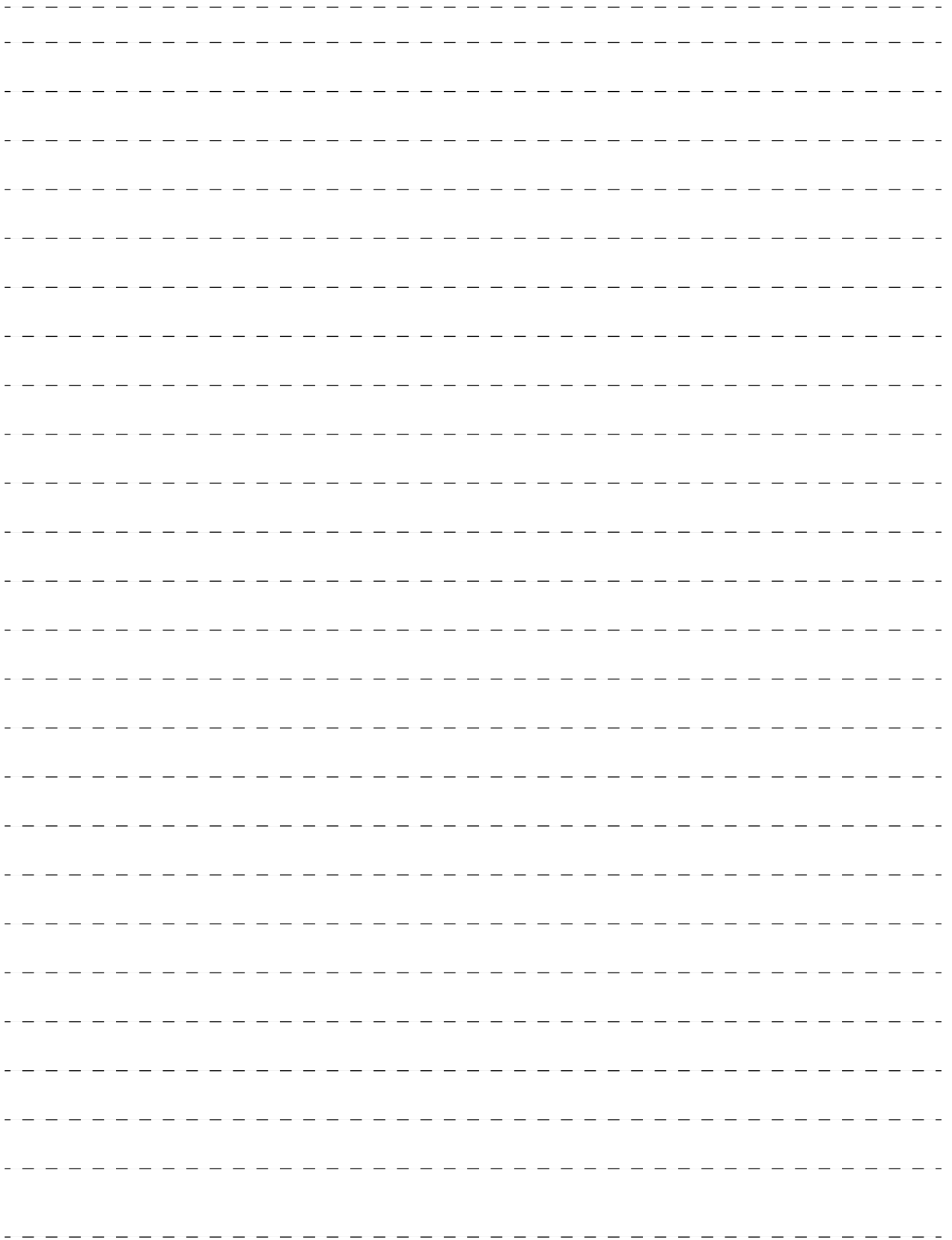


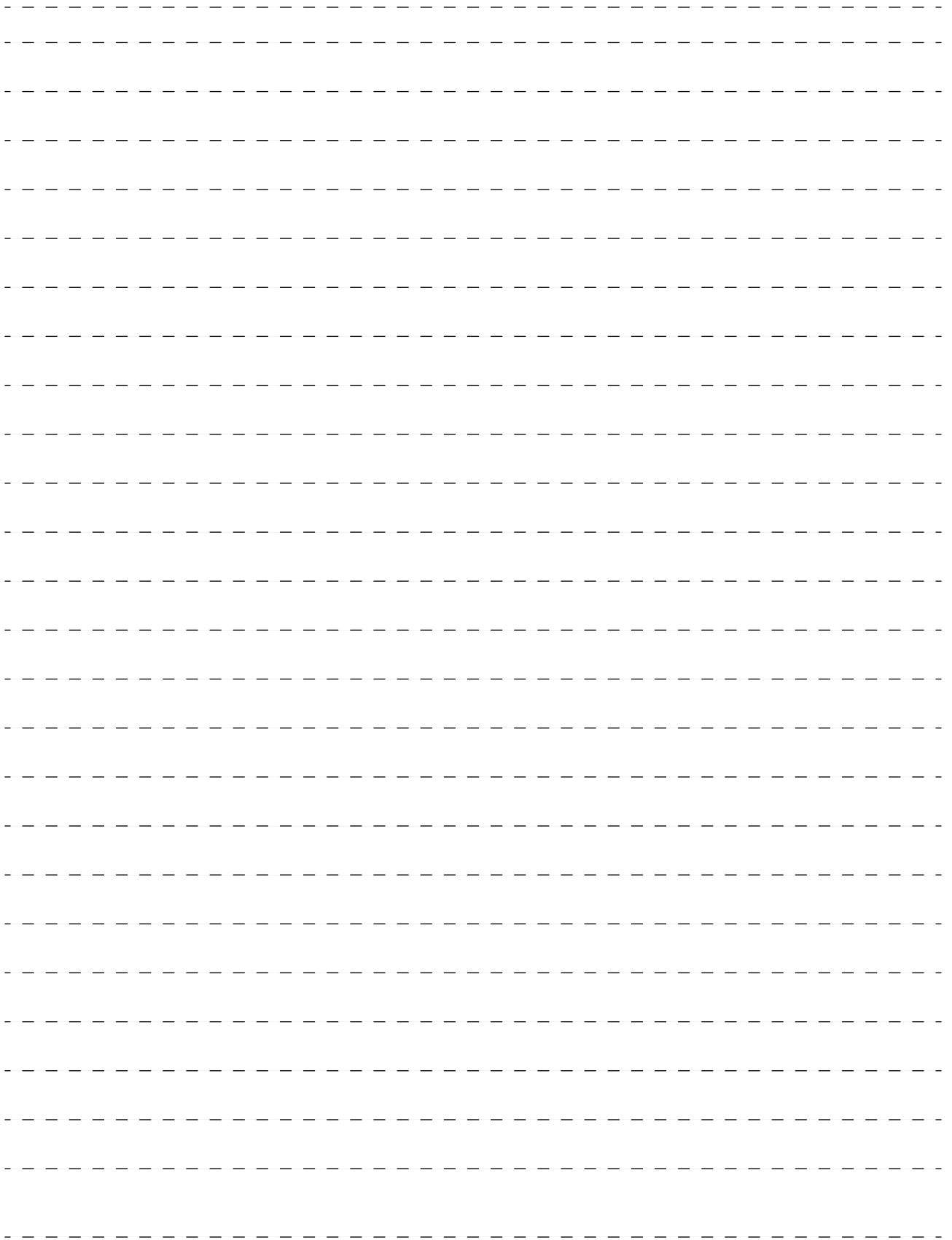
बुधवार, 06 मार्च 2024 5
एकीकृत जांच चौकी में रक्तदान शिविर का आयोजन

Blood Donation Drive at Jogbani Land Port

A Blood Donation Camp at Jogbani Land Port. Community unity in action as donors generously contribute to saving lives.









Land Ports Authority of India
Department of Border management
Ministry of Home Affairs

Lok Nayak Bhawan
New Delhi 110003