

Impact of the 2024 Problem and Seino Holding's Corporate Value Enhancement Efforts

Seino Holdings Co., Ltd. (9076)

Introduction



- Based on the Act on the Arrangement of Related Acts to Promote Work Style Reform enacted on April 1, 2019, vehicle driving operations will be subject to an upper limit on the number of overtime hours worked starting on April 1, 2024.
- We are prepared for the 2024 problem, thanks to efforts made early on to improve driver workstyles and diversify transportation. At the same time, we believe further measures are necessary in the charter business area comprising mostly small and medium-sized operators.
- Reducing driver working hours will require industry-wide increases in utilization rates per truck and the diversification of transportation methods, making industry-wide cooperation and collaborations essential.
- We also consider the collection of appropriate freight rates to be an ongoing issue in terms of ensuring that customer prosperity is maintained and the industry grows appropriately — namely, avoiding the risk of transportation disruptions.
- Under the slogan Team Green Logistics, we will continue to support Japan's logistics industry by opening our logistics infrastructure to Less than Truckload and charter businesses and by taking the lead in solving the industry-wide 2024 problem.



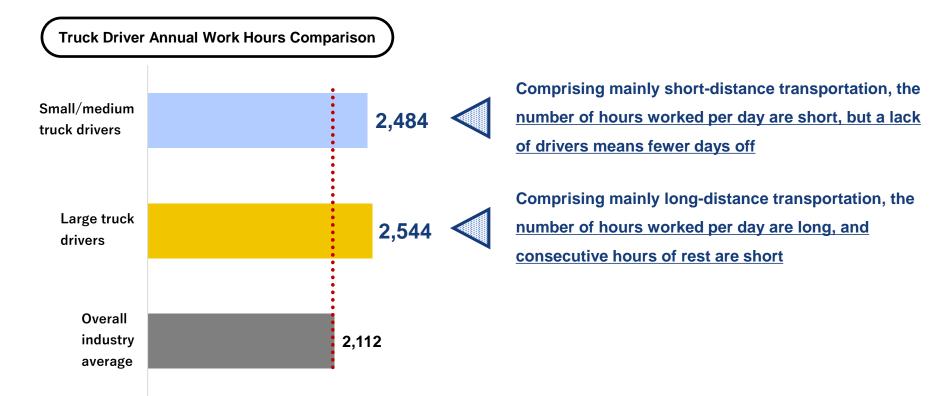
01 Logistics Industry 2024 Problem Overview

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Current Status of Truck Drivers ~Underlying Factors for Long Working Hours

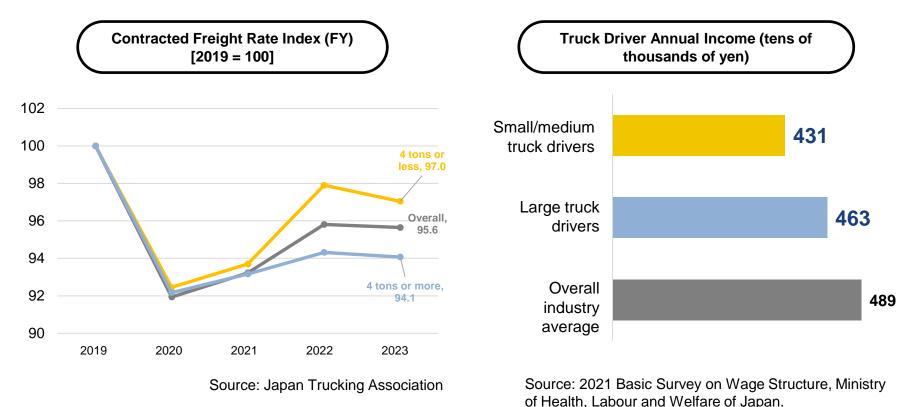
The 2024 problem resulting from efforts to reduce long working hours has ameliorated burdens on drivers, but increased the risk of transportation disruptions



Source: 2021 Basic Survey on Wage Structure, Ministry of Health, Labour and Welfare of Japan.

Current Status of Truck Drivers \sim Freight Rate Levels and Income \sim

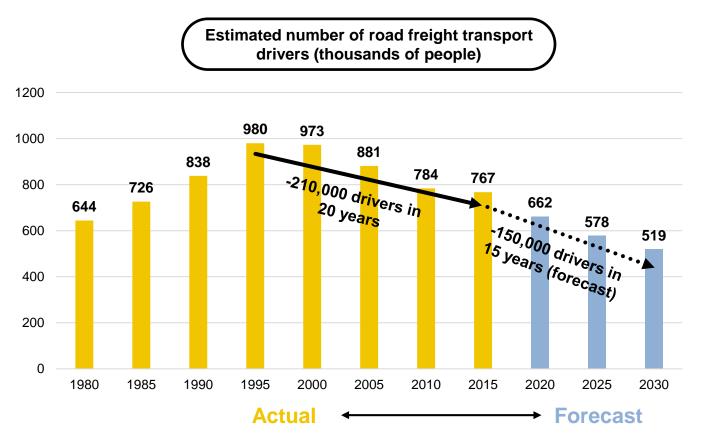
In the BtoB area, freight rates have remained low even after the pandemic due to a decrease in transportation demand caused by inflation and other factors, and as a result, driver annual income remains low



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Risk of Transportation Disruptions Due to Increased Driver Shortages

Driver numbers are trending down after peaking in 1995, and will continue to decline going forward against the backdrop of an aging population. Overtime restrictions add to the risk of transportation disruptions.



Source: Japan Institute of Logistics Systems "Logistics Concept 2030" 2019 Survey

Driver Working Hours Will Be Reduced from April 2024

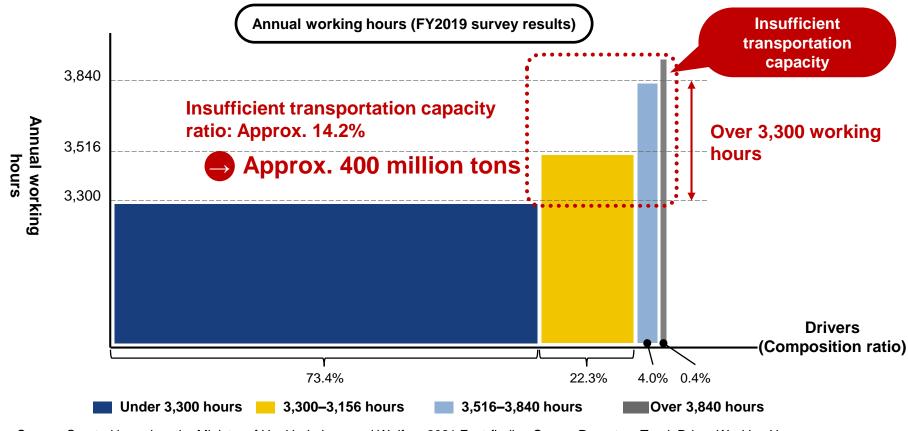
On April 1, 2024, the Act on the Arrangement of Related Acts to Promote Work Style Reform will go into effect, reducing the maximum number of overtime hours worked and necessitating the implementation of countermeasures. In the event these restrictions are violated, disciplinary actions will be enforced.

	Pre-revision Up to March 2024	Post-revision From April 2024
Working hours (1 year)	In principle, up to 3,516 hours	In principle, up to 3,300 hours
Working hours (1 month)	In principle, up to 293 hours	In principle, up to 284 hours
Working hours (1 day)	Up to 13 hours (Max 16 hours/15 or more hours limited to around twice per week)	Up to 13 hours (Max 15 hours/14 or more hours limited to around twice per week)
Rest hours	8 consecutive hours or longer	In principle, 11 consecutive hours, no fewer than 9 hours

Source: Ministry of Health, Labour and Welfare "Improvement Standards Notification Revisions"

Conventional Transportation Methods Are Not Viable for Logistics in Japan

The 2024 problem will result in a 14.2% (400 million ton) shortage in transportation capacity, and worsening supply shortages will result in a 34.1% (940 million ton) shortage of transportation capacity in 2030



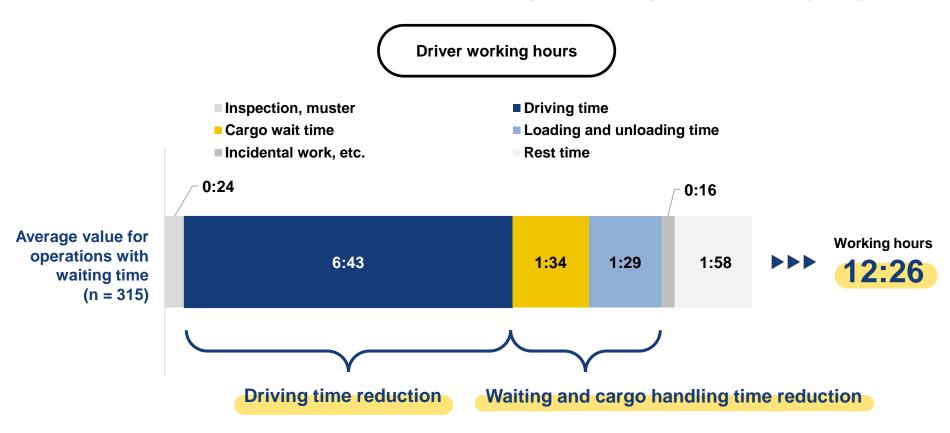
Source: Created based on the Ministry of Health, Labour and Welfare 2021 Fact-finding Survey Report on Truck Driver Working Hours

What Is Needed to Reduce Driver Working Hours



Rectifying driver working hours necessitates reduced driving times (distances),

as well as reductions in time spent waiting for, loading, and unloading cargo.



Source: Ministry of Land, Infrastructure, Transport and Tourism "Fiscal 2020 Truck Transportation Conditions Survey Results (Full Report)"

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02 Seino Group Response

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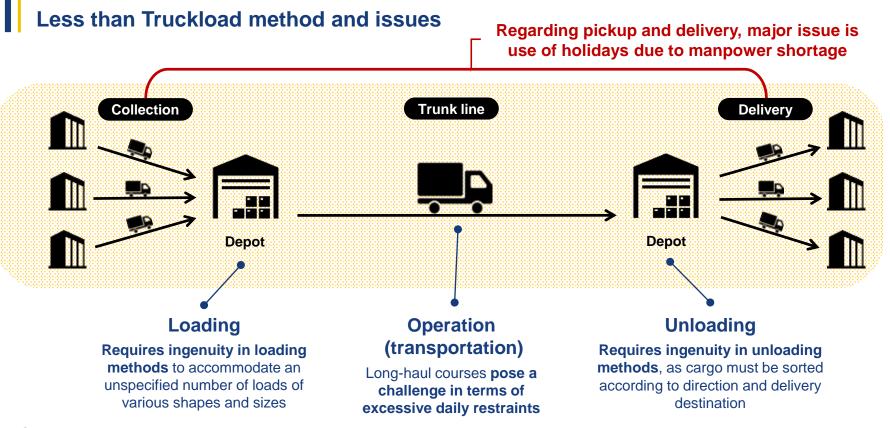
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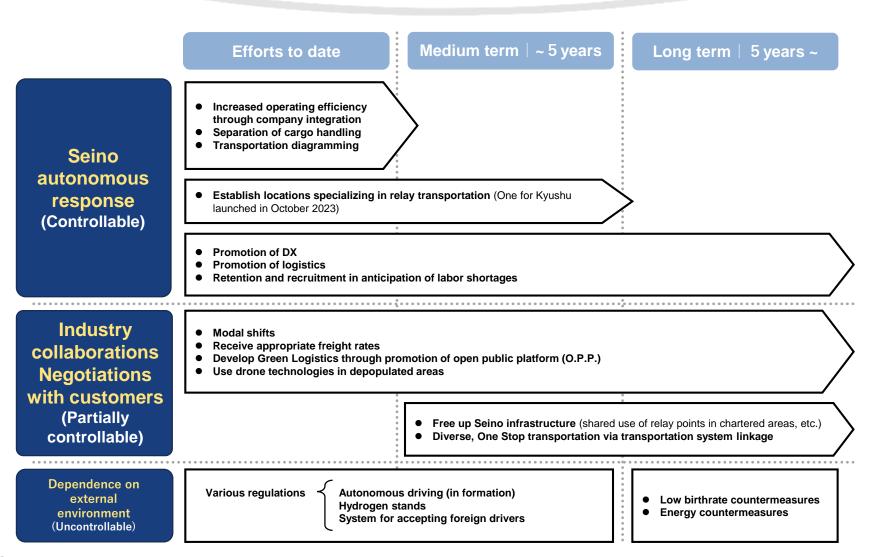
Impact of 2024 Problem on Less than Truckload Operators

Less than Truckload operations, where major carriers have a high share of the market, involves relay-style transportation methods, and <u>measures are already</u> underway to reduce working hours through the use of modal shifts and transit points.



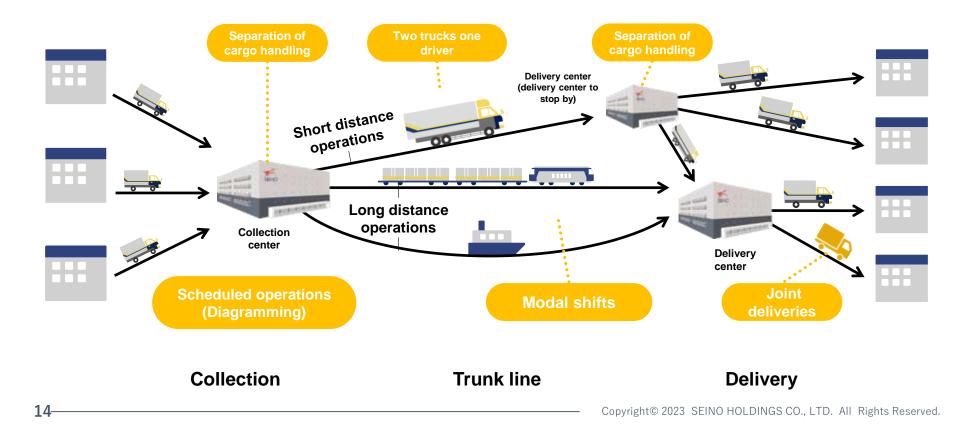
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Seino Group 2024 Problem Countermeasures \sim Taking Action Early \sim



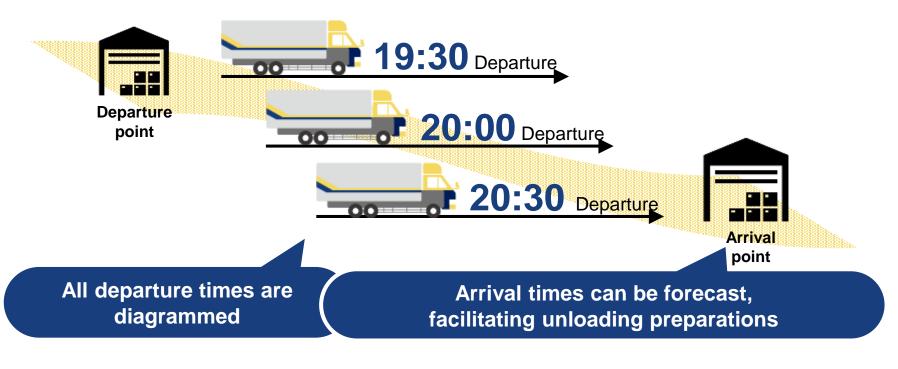


We have already responded to legal revisions associated with the 2024 problem by <u>revising transportation methods and cargo handling systems</u>



Promoting Diagrams Creates a Virtuous Cycle

- The introduction of diagrams in April 2018 has stabilized departure times. As a result, <u>the time cargo is held</u> for departure was reduced and arrival times have also stabilized, contributing to the <u>efficiency of unloading</u> <u>systems</u>.
- Client pursuit of workstyle reforms matches our need for on-time operations, enabling the use of diagrams to quickly take root.



Higher Efficiency Using Various Trunk Line Transportation Methods



40% of transportation further than 600 km is transported without using trucks, contributing to reduced CO_2 emissions



Modal shift to rail transportation using partially chartered trains

Shifted

304 large trucks' worth

Accelerated quickly with the introduction of dedicated trains starting in 2018.

Kangaroo Liner SS60 Suita (Osaka) ~ Koriyama ~ Sendai

Kangaroo Liner NF64 Nagoya ~ Fukuoka

 $\begin{array}{l} \mbox{Kangaroo Liner TF60} \\ \mbox{Tokyo} \sim \mbox{Fukuyama (Hiroshima)} \\ \mbox{Etc.} \end{array}$

Modal shift to marine transportation

Since 2019, shifted **10** trucks' worth



- \cdot Shimizu \sim Oita
- \cdot Ariake (Tokyo) \sim Kanda (Fukuoka)
- \cdot Tokyo \sim Naha
- \cdot Tsuruga (Fukui) \sim Hakata
- \cdot Osaka \sim Oita
- \cdot Yokosuka \sim Shinmoji



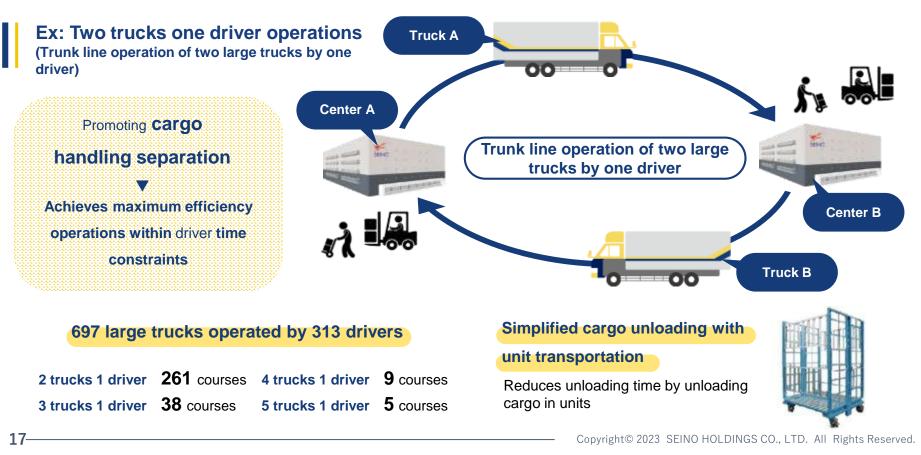
Introduction of double trailer trucks in response to driver shortages

- **5** courses in operation
- Komaki ~ Fujieda
- \cdot Nishi-Hiroshima \sim Himeiji
- · Nishi-Hiroshima \sim Fukuyama
- Nishi-Hiroshima \sim Shinmei
- + Joint operations with other companies

Two Trucks One Driver Operations on Trunk Lines Leveraging Our Strengths



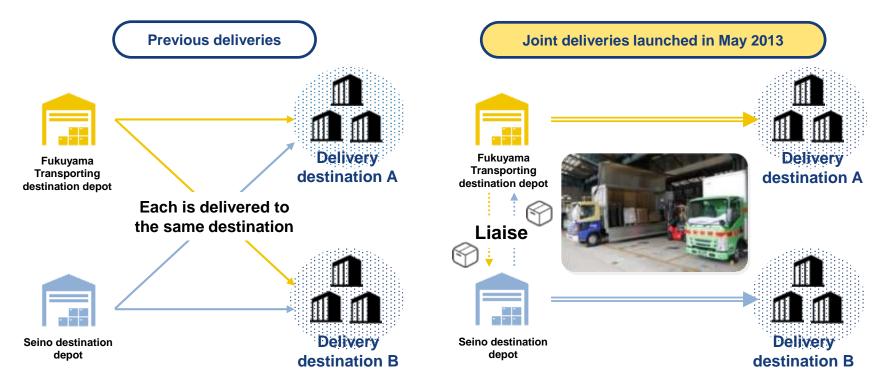
- Maximally leveraging strengths including our format of multi-location delivery in single operations and large vehicle fleet, and separating cargo handling and driving duties, we are able to operate with fewer staff.
- Does not require a towing license, there are no gender or age restrictions due to the separation of cargo handling, and provides a high degree of freedom in operating routes.
- Depending on the distance traveled, further efficiency improvements are underway, including one driver per three, four, or five trucks.



Example of Joint Deliveries Aimed at Reducing Wait Time at Delivery Destinations



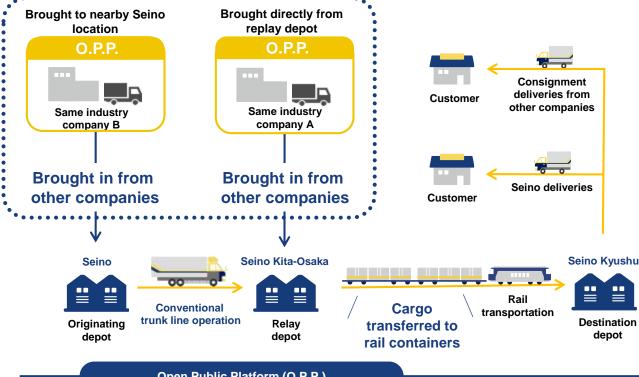
Conducting joint transportation with Fukuyama Transporting, which faces common issues (pain points) caused by long wait times for cargo at delivery destinations, we contributed to <u>reducing</u> wait times by more than one hour and easing cargo acceptance at delivery destinations.



Improving logistics efficiency and maintaining a sustainable, nationwide network

Using O.P.P. to Provide Logistics Infrastructure to a Wide Range of Other Companies

Providing 2024 problem countermeasures to other companies in our industry and assembling partners to achieve Green Logistics



About the Kita-Osaka **Hub Center**

- Facility specializing in relay transportation mainly to Kyushu that commenced operations in October 2023.
- This specialization strengthens transportation capacity, increases operational efficiency, and realizes Green Logistics by accepting products from other companies in the same industry as well as regional companies.

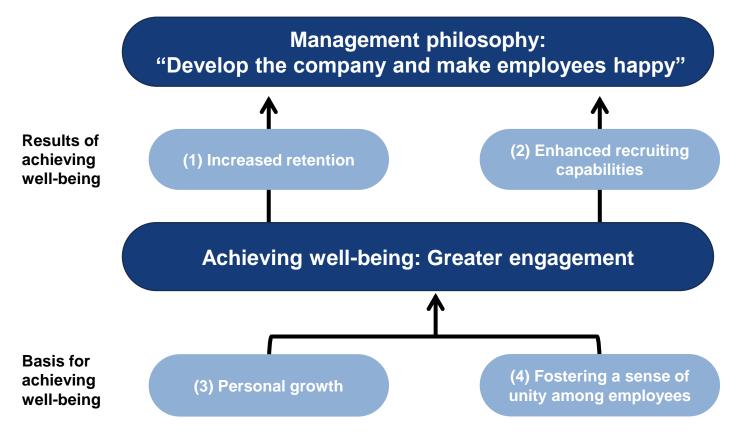
Reference: Capacity 700 tons/day

Open Public Platform (O.P.P.)

This concept involves building a logistics platform that is collaborative (open) and can be used by everyone (public), within and outside the Company, regardless of industry category or other differences, to improve the efficiency and value of each platform user, and contribute to industry, the environment, and people's lives as social infrastructure.

Human Capital Strategy: Achieving Well-Being = Satisfying Our Management Philosophy

We define well-being as "our employees' sense of fulfillment, job satisfaction, and personal growth." We believe that enhancing employees' well-being will improve retention and give us an advantage in recruitment.



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Efforts to Increase Retention

Introduction of group system for drivers

Strengthens cooperation and collaborations, contributes to workload leveling and stable acquisition of holidays

Position change system

Ensures stable supply of large truck drivers, who are difficult to recruit, by placing importance on a path progressing from pickups and deliveries to route driver

Stock ownership plan expansion

Enhancements to the employee stock ownership plan so that increased corporate value = economic value for employees

Licensing acquisition support system

Contributes to driver retention by partially covering the costs associated with lifting restrictions on driver's licenses

Refresh One paid leave

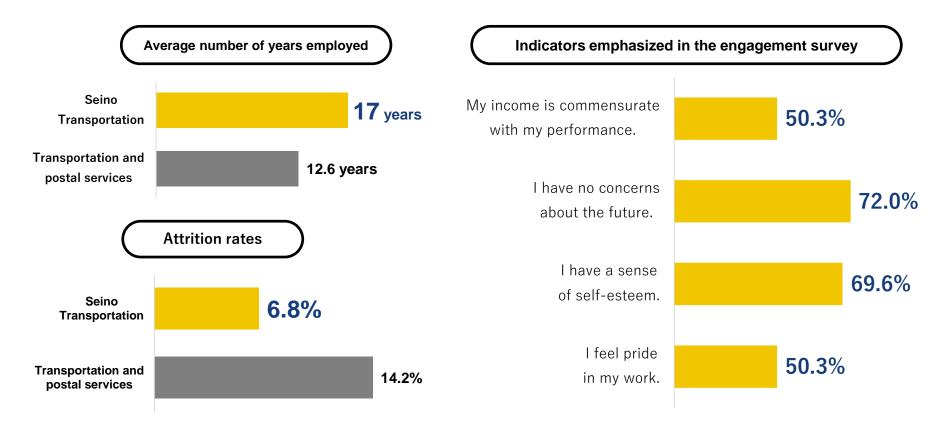
Contributes to employee retention in first year of employment by offering consecutive paid leave after the first year of employment

Fostering camaraderie through Company sports

Creates a sense of unity among employees through support for the Seino baseball and karate clubs

Toward Even Higher Retention

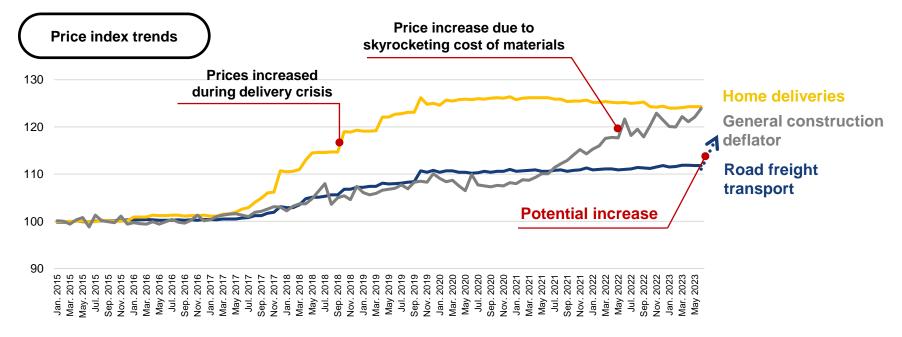
We are promoting initiatives based on our management philosophy aimed at realizing comfortable and rewarding workplaces and employee well-being



Source: Ministry of Health, Labour and Welfare "2021 Survey on Employment Trends: Hiring and Resignation Rates by Industry" and "2022 Basic Survey on Wage Structure"

Ongoing Issue: Collecting Appropriate Freight Rates

- -0 0
- Costs associated with addressing the 2024 problem are increasing, and although there is a limit to how much companies can do, these costs have yet to be fully passed on.
- As with the 2017 home delivery crisis, the 2024 problem may manifest itself in the next year or later, and the industry may see a <u>rapid pivot toward an emphasis on prices</u>.
- We will promote the <u>collection of appropriate freight rates</u> premised on contributing to the prosperity of our customers through the provision of added value.



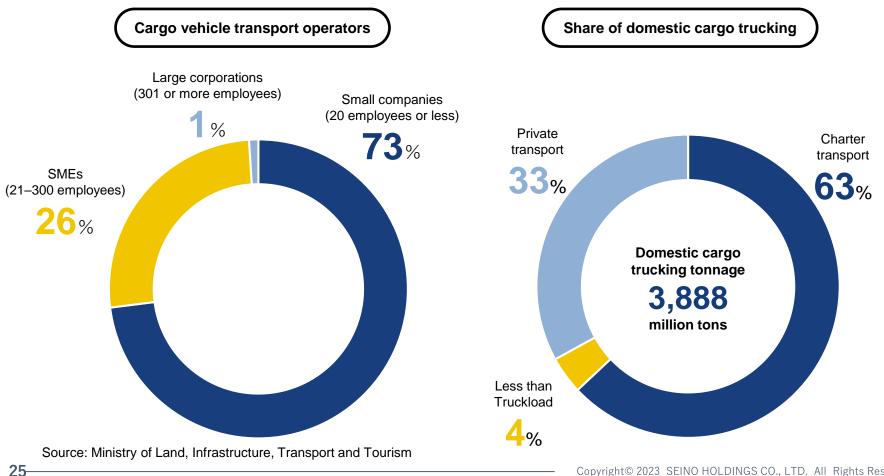
Source: Bank of Japan Corporate Services Price Index, Ministry of Land, Infrastructure, Transport and Tourism Construction Cost Deflator

Industry Response

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Trucking Industry Overview

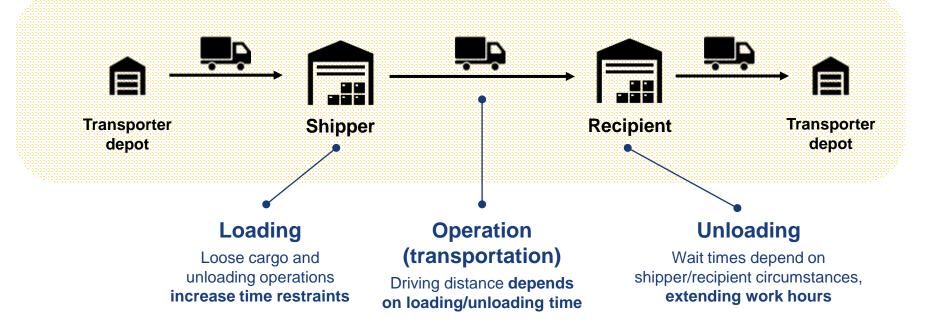
Comprised primarily of SMEs and small companies engaged mainly in charter businesses



Significant Impact on Charter Business Operators

The problem of hours worked per day and month on long-distance routes within charter transport will result in a <u>shift to shorter distance</u> <u>transportation routes</u>, which may result in lower income.

Charter Transport Flow and Issues



Charter transport is based on self-containment, with one driver loading and delivering goods

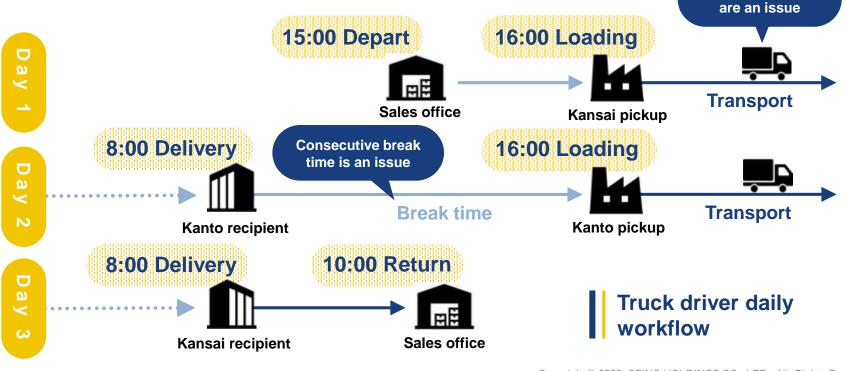
Long Working Hours are an Issue in Long-distance Charter Transport



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Japanese business practice is to ship in the evening and deliver the goods the next morning, with operations often conducted at night, what is known in long-distance transportation as three-day (1 night, 3 days) service.

- · Long operating and cargo waiting/unloading times make for long working hours.
- Break times are irregular.
- Must ensure 11 consecutive hours of rest in principle (no less than nine hours).



Long working hours

Building a Sustainable Logistics Model





Long-distance transportation is difficult, and the need for relay transportation is expected to increase

- Opening Seino Group logistics infrastructure as relay centers, connecting businesses with HACOBELL digital technologies
- Ensuring convenience is an issue, including facilitating settlements between businesses



HACOBELL INC.~Inventing the Next in Logistics~

Aug. 2022	Joint venture established
Shareholders	50.1%: Seino Holdings Co., Ltd. 49.9%: RAKSUL INC.

Business Details

- HACOBELL, a logistics DX platform management service
- HACOBELL Cargo, a cargo shipping and vehicle matching service
- HACOBELL Delivery Vehicle Management, a one-stop DX solution for delivery vehicle operations
- HACOBELL Supporter Program, a service providing total support for transportation operator business environments

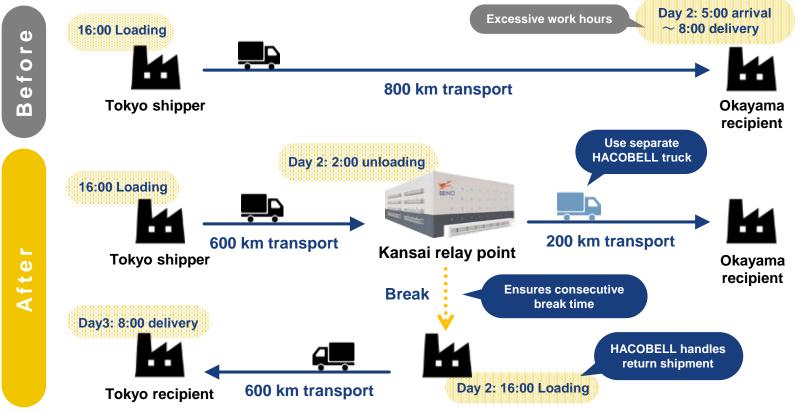
Using Transportation Infrastructure as Relay Points



Opening up our logistics and digital infrastructure to reduce working hours and ensure consecutive break time

Changes in truck driver daily workflow

(Assuming transportation from Tokyo to Okayama)

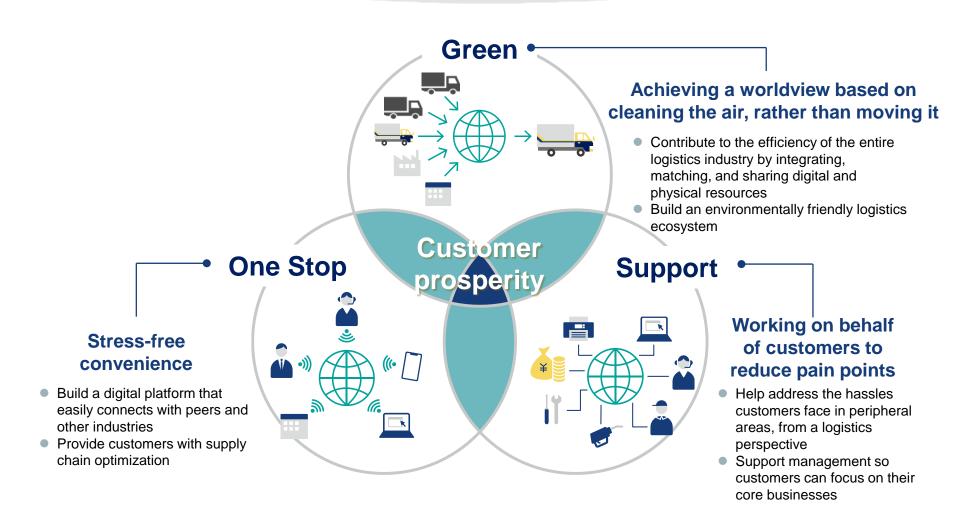


Aiming for the Realization of a Physical Internet

Connect transportation data held by customers and companies in the transportation services business on a digital platform, and contribute to the efficiency of the entire logistics industry with assets that can be openly utilized, such as relay centers.



Developing Green Logistics Transcending Industry and Company Boundaries



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- Since around 2017, the e-commerce market has expanded rapidly, with a substantial increase in sole proprietorships
- Redeliveries are frequent

Issues and future points

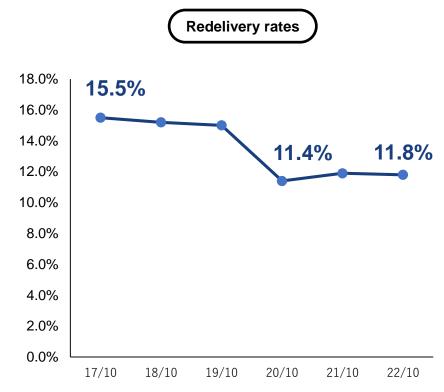
External environment

- Compared to intercompany logistics, house frontage cases are frequent
- Potential problems with long working hours due to factors including driver shortages and redeliveries
- In depopulated areas, there is a shortage of drivers and it is difficult to secure large volumes of cargo, resulting in chronic unprofitability

The key is how we structure sustainable last mile logistics

Last Mile Delivery Issues

Source: Ministry of Land, Infrastructure, Transport and Tourism "Handling Results of Home Delivery Service, etc."





Transportation Methods that Reduce Burdens on Drivers and the Environment



Features

- Joint venture established with major e-commerce company Felissimo
- Consolidates and slows trunk line transportation
- Local residents make deliveries in their spare time and leave packages unattended, eliminating redeliveries
- Consumers receive T-points

Post-in service Konipos



Features

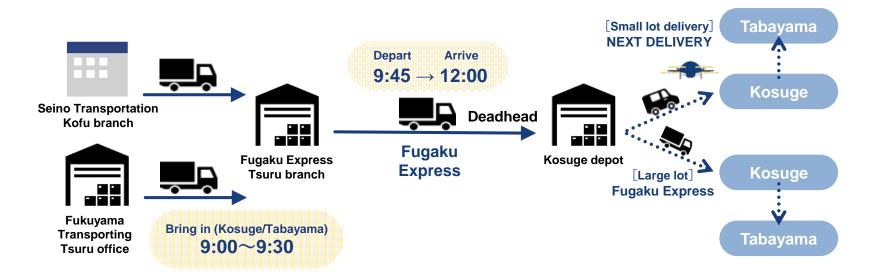
- Delivery service utilizing Green (deliveries combining walking and driving) & Slow (mail delivery infrastructure) logistics
- Small package post-in service with approximately 10,000 Group Green Delivery personnel

Moving toward new methods that reduce labor shortages and facilitate sustainable transportation

Depopulated Area Logistics Model

Commenced deliveries in the villages of Kosuge and Tabayama, Yamanashi Prefecture, in conjunction with a Less than Truckload logistics company

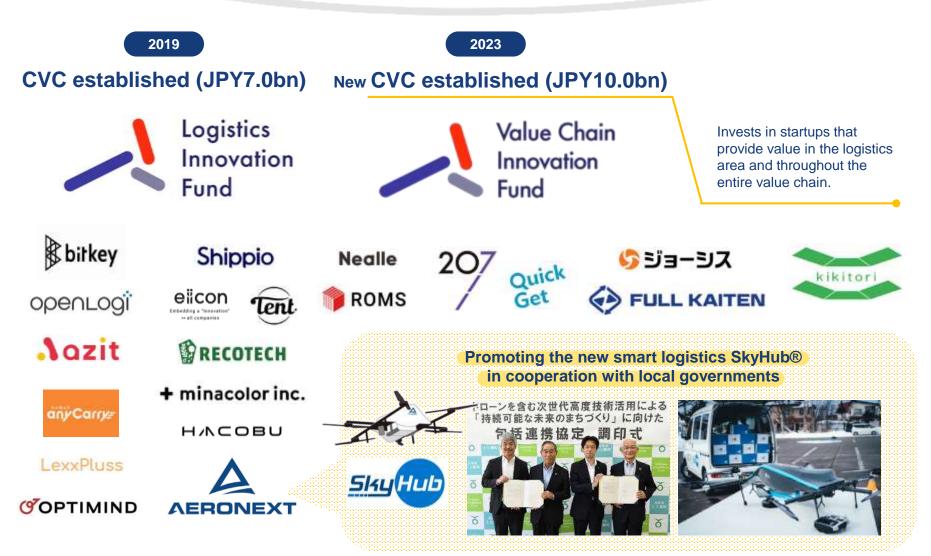
Joint delivery flowchart



Relay joint deliveries and drone deliveries make logistics sustainable in depopulated areas

CVC Initiatives Implemented Before Industry Peers





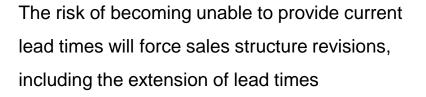
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04 Shipper Response

Impact of the 2024 Problem on Shippers



- 1. Business (sales) structure revisions
- Risk of lost sales
- 2. Operational structure revisions **Risk of increased costs**



In addition to direct freight rate increases, to maintain current lead times, shippers will be forced to revise their operational structure, including shipping ahead of schedule, revising production and inventory bases, and assisting with transport operator cargo handling work (increasing burden on people)

What needs to be done to help solve your problems?

Logistics Promotion is Key to Issue Resolution

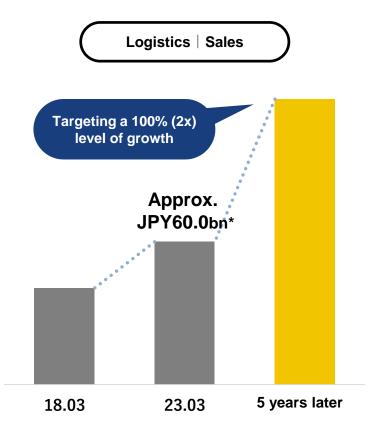


Undertaking logistics from the upstream, we reduce the risk of customer inability to transport with our logistics

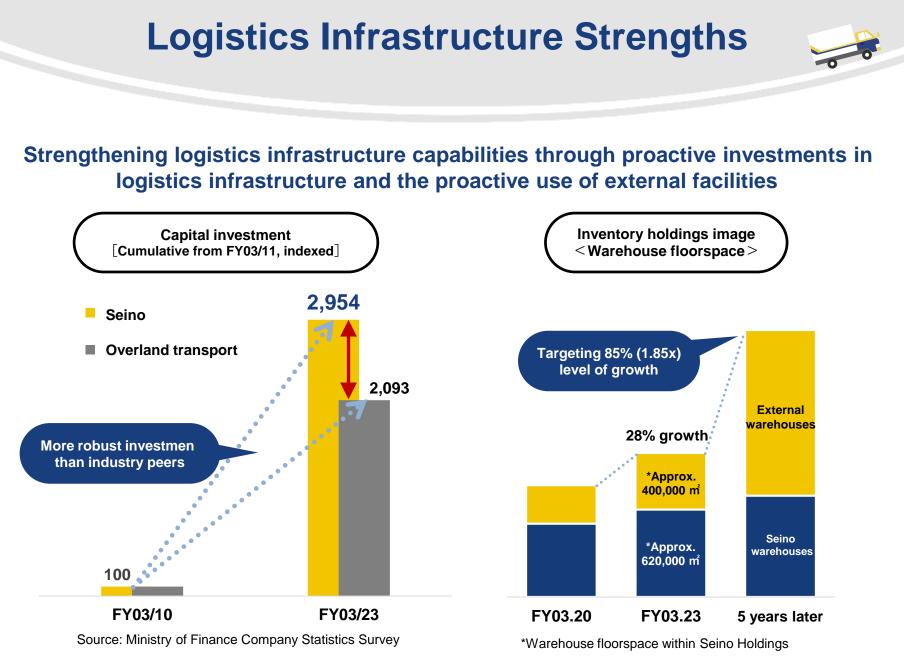
Competitiveness

- Carrying capacity based on nationwide transportation network
- Nationwide operations is an advantage enabling us to provide logistics services utilizing optimal locations
- Abundant human resources, from dedicated salespeople to operational and management personnel
- Integrated distribution centers and truck terminal facilities enable customer inventory to be directly connected to our nationwide network

Contributes to lead time and total cost reductions



*Reference figures for Seino Holdings (management accounting basis), including transportation operating revenue derived from logistics.



Intangible Asset (IT System Architecture) Strengths

Enhancing logistics operation efficiency and resolving labor shortage issues through the provision of robots and inventory management systems

- Group company Seino Information Service supports customer logistics efficiency in the logistics field
- Provides logistics solutions tailored to each customer's operating environment

Robot introduction example and implementation efficacy



Automated receiving and shipping work



Automated sorting robot



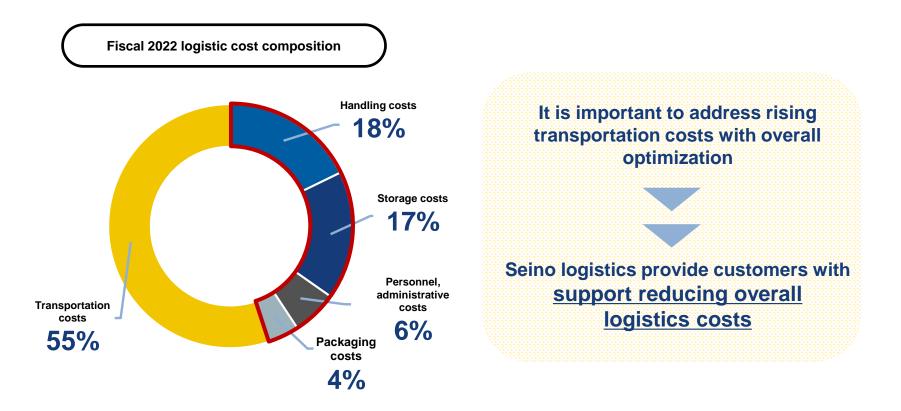


Installed 90 t-sort units with 350 chutes at the Ryugasaki branch



Measures Taking a Broad View of Total Costs is Key

Logistics costs as a percentage of sales are said to range from 5% to 8%, but the <u>logistics unit</u> <u>costs may rise sharply as the 2024 problem becomes more apparent</u>



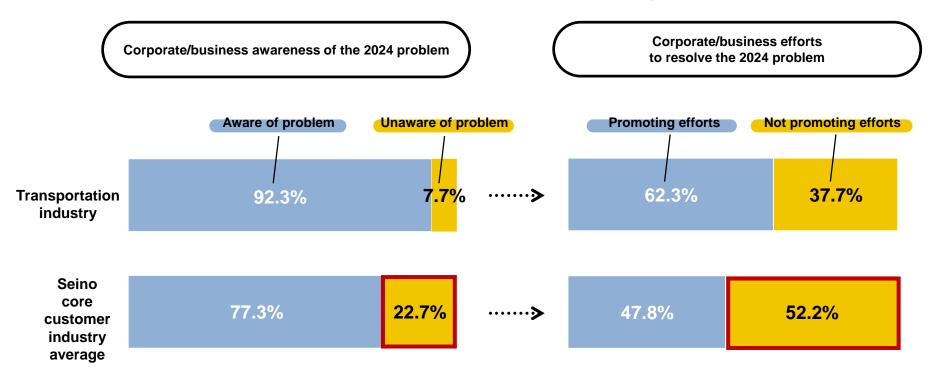
Source: Japan Institute of Logistics Systems Fiscal 2022 Logistics Cost Survey Report



To Resolve the 2024 Problem, We Need to Encourage Shippers to Take Action



As shippers have little awareness of the 2024 problem, their understanding and cooperation is essential for resolving it



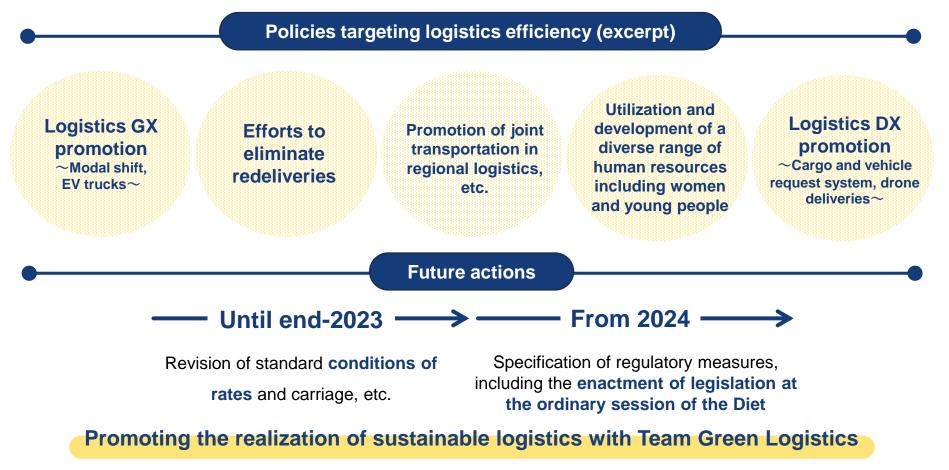
Note: Compiled from a quantitative survey of businesses (438 manufacturing companies, 876 transportation companies, 208 wholesale/retail companies, and 185 other companies) conducted by the Ministry of Land, Infrastructure, Transport and Tourism in October 2022.



Policy Packages Supporting Logistics Innovation



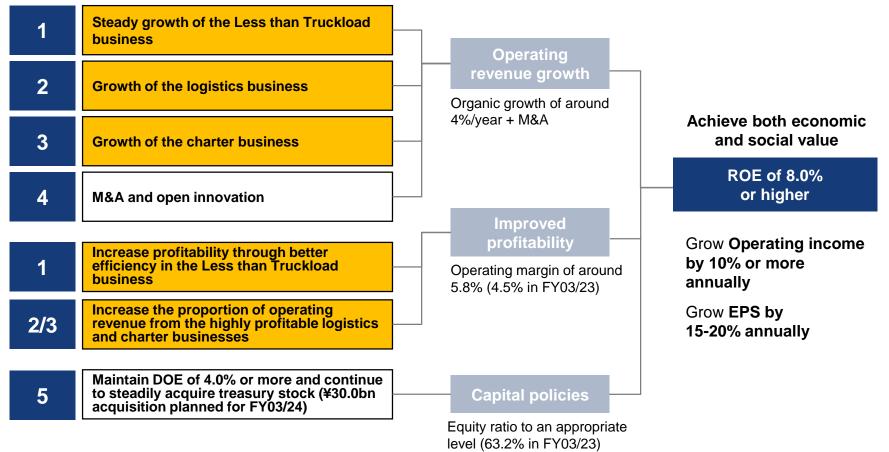
- A package of policies targeting logistics innovation was decided at a ministerial meeting held in June 2023
- Further, to achieve results ahead of plan, a logistics innovation emergency package (plan) was announced



Seize Opportunities to Address the 2024 Problem and Achieve Roadmap 2028



Drivers of ROE improvement

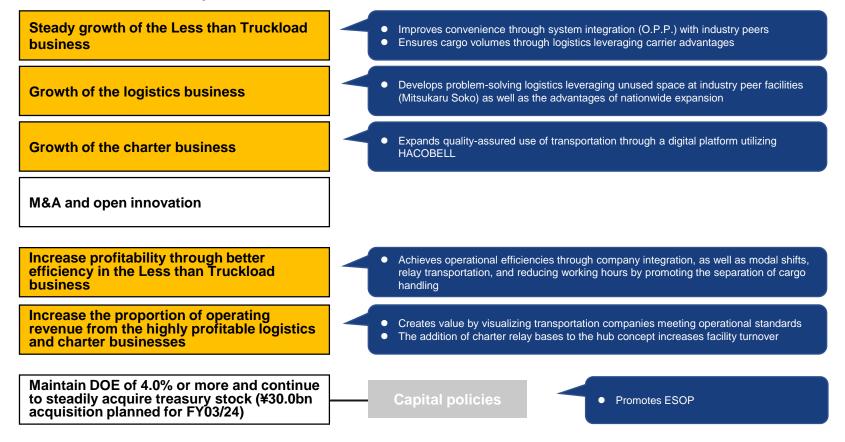


Consistency Between Solutions to the 2024 Problem and Roadmap 2028



Specific measures aimed at overcoming the 2024 problem

Drivers of ROE improvement



05 President's Message

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President's Message



- Although the 2024 problem discussed today is a major social issue, we will carry forward the social contribution aspirations and thoughts of our founder, Rihachi Taguchi, who launched long-distance transportation in 1946, to contribute to society, and promise to do everything in our power to resolve this issue in a way that avoids disruptions to logistics, the lifeline of the Japanese economy, and contributes to the creation of value for all our stakeholders.
- The resolution of logistics issues requires One Stop information and infrastructure, and I am proud that Seino was ahead of other companies in terms of promoting investments in human resources, infrastructure, and DX, while proactively engaging in collaborations with other companies. We made particular efforts to retain employees under the management philosophy "Develop the company and make employees happy." We believe the value of our human assets will become increasingly important in the coming years.
- To draw on the collective wisdom of multiple stakeholders, including shippers, transportation companies, consumers, and shareholders, and create a sound and sustainable future, **shippers, transportation companies, and public agencies must work together to examine optimal logistics structures and appropriate freight rate levels**. To this end, I hope to engage in a frank exchange of opinions with all our stakeholders.





Team Green Logistics

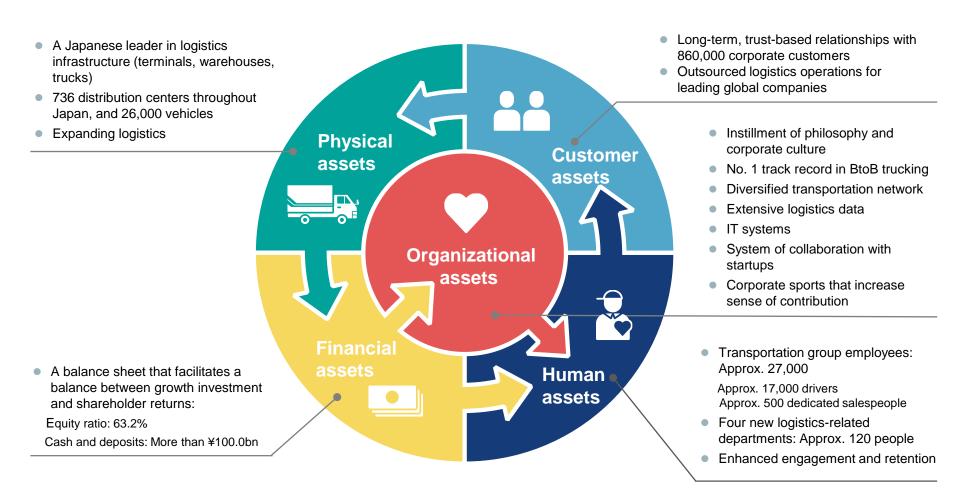
Creating together and contributing to the future

We need to optimize sustainable logistics networks in order to address the social issues facing Japan: a declining birthrate, an aging population, and environmental problems.

Based on the concept of an open public platform, we will strengthen cooperation with customers and various partners to promote environmental consideration throughout the supply chain, working together to create green logistics.

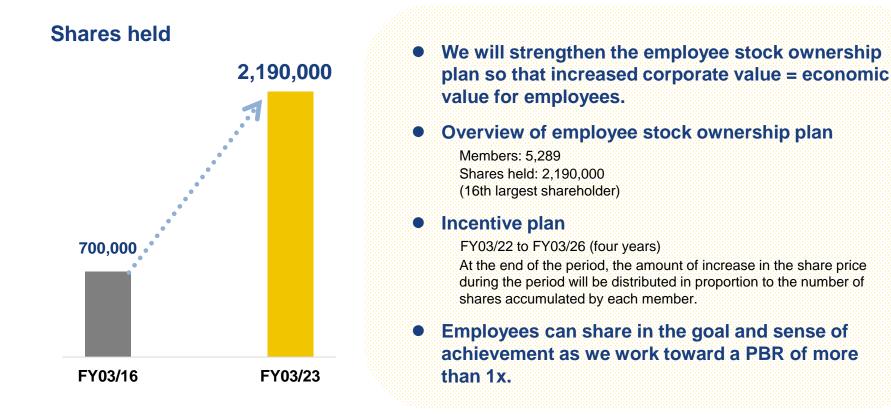
As we do so, we will strive to create an atmosphere in which all employees keep in tune with our corporate philosophy, respecting each other and contributing to a future in which we "connect hearts and minds" to go beyond logistics and become the company of choice for our customers.

Seino Tangible and Intangible Assets Linked to the Resolution of Industry Issues



Sharing Goals and Achievements through the Employee Stock Ownership Plan

We provide employees with incentives to enhance corporate value over the medium to long term, while promoting membership in the employee stock ownership plan as a means of enhancing employee benefits.

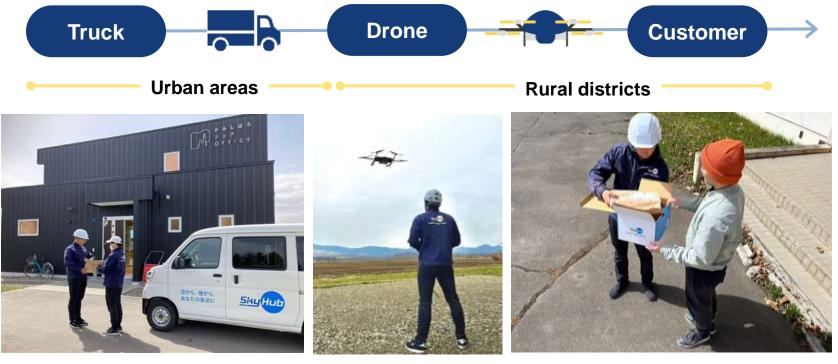


New Smart Logistics Initiatives Example (1)



Kamishihoro, Hokkaido (joint deliveries)

Japan's first land-air consolidated delivery by a drone delivery service provider of packages for a major e-commerce company, involving relay deliveries by truck and drone of goods for joint delivery from Obihiro



Relay delivery from ground transportation driver to drone operator

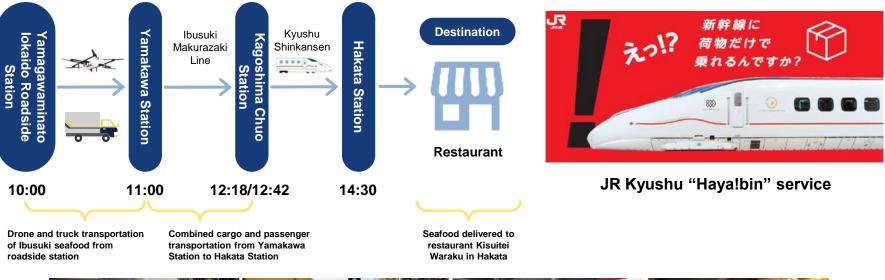
Transport by drone

Delivery to customer

New Smart Logistics Initiatives Example (2)



Verifying a logistic network combining trucks, drones, and passenger trains (conventional lines and Shinkansen)





Pickup and delivery by AirTruck

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Loaded onto the Ibusuki Makurazaki Line stopped at Yamakawa Station



Changed to Shinkansen at Kagoshima Chuo Station



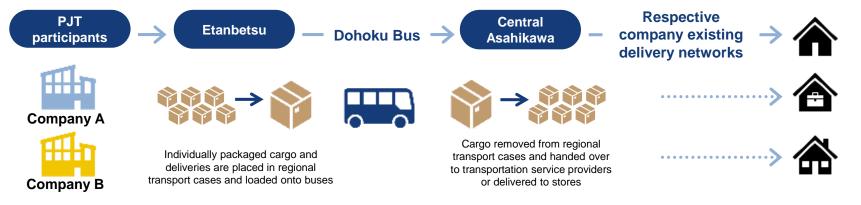
Same-day delivery to shop in Hakata Station

New Smart Logistics Initiatives Example (3)



Advanced example of First One Mile (Asahikawa, Hokkaido)

Local businesses in the Etanbetsu area collaborated on a Green Logistics project aimed at reducing CO2 emissions by consolidating and packaging their own products and transporting them to the city center in local business combining cargo and passengers



Transportation provided by PJT



Local businesses, rather than delivery companies, are taking the initiative to resolve regional, industry, and environmental issues by "shipping" rather than "delivering"

Declining Driver Numbers \sim Licensing System Revisions \sim

- Due to driver's license revisions in 2017, young adults with standard driver's licenses cannot, in principle, drive two-ton trucks
- Further, four-ton trucks with high transport capacity require a mid-sized or larger special license

Standard license acquisition date	Vehicle Gross Weight (Maximum loading capacity)						
	3.5t	t (2t) 5t	(3t) 7.5t	(4.5t) 8t (5t) 11		t (6.5t)	
Up to June 1, 2007	At acquisition: Standard Currently: Mid-sized (8t) limit				Large-sized		
June 2, 2007 to March 11, 2017	At acquisition: Standard Currently: Semi-mid-sized (5t) limit			Mid-sized		Large-sized	
March 12, 2017 onward	Standard 18 years or older	Semi-mid-sized 18 years or older		Mid-sized 20 years or older Note: Must hold standard driver's license for two or more years		Large-sized 21 years or older Note: Three or more years	

Young people face high hurdles in becoming drivers as they cannot operate trucks with a payload of two or more tons without a semi-mid- or large-sized truck driver's license

Consequences for Failure to Comply with the Improvement Standards Notice

In the event of an Improvement Standards Notice violation, the company will be subject to audits and guidance by the Labour Standards Inspection Office and administrative punishment by the Ministry of Land, Infrastructure, Transport and Tourism. If working hour restrictions are violated, a minimum 10-day vehicle suspension will be imposed.

Items	First violation	Subsequent violations				
Five or fewer non-compliance items	Warning	10 day vehicle suspension				
Six to 15 non-compliance items	10 day vehicle suspension	20 day vehicle suspension				
16 or more non-compliance items	20 day vehicle suspension	40 day vehicle suspension				
Violations separate and additional to the above						
One non-compliance item in each issue	10 day vehicle suspension	20 day vehicle suspension				
Two or more non-compliance items	20 day vehicle suspension	40 day vehicle suspension				

Main sources of discovery

- When a business site is identified based on supervision plans (periodic audits)
- When an incident is reported by an employee working onsite (reporting supervision)
- When industrial or vehicle accidents occur

Inquiries regarding these materials

Corporate Planning Office, Seino Holdings Co., Ltd.

External: +81 584-82-5004 Internal: 851-2541/2542/2546 Email: shd-keieikikaku@seino.co.jp