

JAL Group Medium Term Management Plan FY2021-2025 Rolling Plan 2022



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	THE JAL GROUP WILL:
JAL Group	Pursue the material and intellectual growth of all our employees;
Corporate Policy	Deliver unparalleled service to our customers;
	and increase corporate value and contribute to the betterment of society.

The Revenue and EBIT by each business area in this material are calculated by a virtual method; not showing the actual Revenue and EBIT. The criteria shown above does not match Air Transport Business Segment or Others.

CAL

Since our announcement, last May, of our FY2021 to FY2025 JAL Group Medium Term Management Plan, the uncertainty in the business environment has increased, given the prolonged impact of COVID-19 and the situation in Europe and its ramifications throughout the world.

Under these circumstances, the JAL Group has formulated the Medium Term Management Plan-Rolling Plan 2022 aimed at building resilience, overcoming current difficulties and making steady progress towards sustainable growth and development.

We will put ESG at the core of our management strategy and work to solve social issues through our business activities, accelerate business model reform and rebuild our financial structure, thereby achieving our management targets.

Air transportation has the power to overcome divisions, bring people, goods and ideas together, and make everyone feel fulfilled and hopeful. The JAL Group will fulfill its responsibilities as a social infrastructure and lifeline, and all employees will work together to realize JAL Vision 2030 with "safety and peace of mind" and sustainability" as the engines of growth.

JAL Group Medium-Term Management Plan FY2021-2025

Rolling Plan 2022

On Formulating the Medium Term Management Plan Rolling Plan 2022

JAL Vision 2030

Ideal image of the JAL Group in 2030

Corporate Policy JAL Vision Medium-term Management Plan

The JAL Group will focus on the key themes of "Safety and Peace of Mind" and "Sustainability" as the engines of growth in a time of upheaval with drastic changes in values

Safety and Peace of Mind

Build a society where everyone can live safely, securely and with peace of mind

JAL Vision 2030

Sustainability

Build a better future where everyone can feel fulfilled and hopeful

To become the world's most preferred and valued airline group, where many people and goods freely move around



Rolling Plan 2022

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1-2

Environmental Changes and Three Pillars of Management Strategy

Adapt to changes in the business environment and accelerate management strategy execution with ESG strategy at the core

ESG

Strategy



To build resilience and achieve sustainable growth

Accelerate management strategy execution with ESG strategy at the core

Pursue ESG management to drive growth and increase corporate value

Accelerate business model reform and build resilience

Business

Strategy



Rebuild financial foundation Growth Investment Shareholder return

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Rolling Plan



Safety and Security Initiatives

Accelerate safety and security initiatives to realize JAL Vision 2030



< Environmental changes surrounding safety and security >

Global risks and technology

- Diversification and emergence of global risks
- Development and proliferation of digital technology

Internal environmental changes

Roll out our management strategy

- Drive ESG-aligned management strategy
- Push forward with businesss model reform (expand business areas)

External environmental changes

Advancement of aviation safety



Utilize digital technology

- Aircraft failure prediction technology (PDA, etc.)
- Weather forecasting technology (en route turbulence measures)
- Image recognition technology (improve engine internal inspection)

Health management of crew

- Fatigue risk management based on data analysis
- Full-scale launch of pilot support program

Respond to diversifying risks



Strengthen aviation security

- Advanced AI-based security screening process
- Infection measures: set higher hygiene and cleanliness standards
- Strengthen cybersecurity
- Encrypt and monitor communications
- Separate and protect sensitive information such as customer data
- Maintain networks in disaster and emergency situations
- Develop BCP for earthquake in Tokyo and outbreak of infectious diseases
- Establish 2nd Data Center in Kansai area
- Use drones to transport supplies

Create next-generation safety



Move into the air mobility field

- Participate in the development of national safety standards and systems
- Build a safety management system utilizing aviation technology

Build a sustainable safety culture

- Provide managerial staff with safety education on organizational accidents
- Provide young employees with safety education to learn about recent accidents
- Preserve and pass on accident sites and related facilties

Human resources and culture

Pass on and continuously spread a culture and awareness to think on the basic foundation of safety and security



Rolling Plan 2022

1. Outline of Medium Term Management Plan-Rolling Plan 2022

2. Three Pillars of Management Strategy

A COL	ESG Strategy	2030
	Business Strategy	2025
	Finance Strategy	2025

3. Details of Strategy



ESG Strategy of the JAL Group

Put ESG strategy at the core of our management strategy to drive growth towards 2030







Story of Increasing Corporate Value

Create social and economic values through ESG strategy and increase corporate value



* Sustainable Aviation Fuel: An alternative sustainable aviation fuel

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P ESG 2-1

Aim to Achieve Net Zero CO₂ Emissions by 2050

Following on steady progress in FY2021 to achieve targets, further accelerate initiatives in FY2022



■ FY2030 CO ₂ reduction target		FY2021	FY2022~
CO ₂ Emissions (million tons) 10 CORSIA level 8 below-9.09 million tons below 8.18 million tons	Upgrades to Fuel- efficient Aircraft	Planned aircraft renewal • A350 Introduce 7 A350s (Total 15) • ATR Introduce 2 ATRs (Total 13)	 Continue introduction of A350. Total 31 (ordered) Consider early introduction of new small- and medium-sized aircraft Consider introduction of hydrogen- powered aircraft
6		Optimize fight plan	
FY2019 2021 2025 2030	Internal emissions reduction	Reduce aircraft weight	
Total emissions		Improve fuel efficiency	
Amount of reduction Approx. 0 1 million tons 0.5 million 90% level tons Less than FY2019 Approx. 0.5 million tons 0.5 million tons 0.7 million 20% level tons Less than FY2019 Approx. 0.5 million tons 0.5 million tons			Collaborate with government for further optimization of flight course and ATC methods
0.1 million tons (approx. 1.5%) SAF SAF 0 0.5 million tons (approx. 6%) 1% 10% of total fuel on board 0 fotal fuel on board 0 fotal fuel on board 0 fotal fuel on board	Use of	 Operate flights loaded with Japan-made SAF Fulcrum (US) in which JAL has acquired a stake, starts plant operation oneworld announces joint procurement of SAF Aemetis, Inc. (US) From 2025 Gevo (US) From 2027 	Realize stable procurement at appropriate prices through diverse SAF suppliers Procurement Promote joint procurement with oneworld (including Europe and Asia)
Update to fuel-efficient aircraft 6%	SAF		Commercialize and proliferate Japan-made SAF
Reduction in daily operations Use of SAF		 Publish joint report on SAF with ANA ACT FOR SKY, a voluntary 	Proliferation activities • Participate in the development of next generation SAF* • Synthetic fuels produced from hydrogen derived from
1.5%		organization, established	renewable energy and atmospheric CO ₂
	Utilization of carbon offset program	Renew offset program for individuals	Introduce offset program to corporations
*Reduction rate if measures on right are not implemented			

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Realize stable procurement at appropriate prices through diverse SAF suppliers







New value in air travel that we can take pride in Embrace the challenge of "sustainable flights"

Nov.2022 Model flight

Haneda -Okinawa

Domestic flight/A350

Aircraft and fuel

(month of COP27)

Utilize SAF and offset program on state-of-the-art fuel-efficient aircraft to achieve

> Net zero CO₂ emissions



Passenger service

In-flight meal reservation, change materials of service items and recycle to achieve

Zero single-use plastic* waste



*Virgin petroleum derived plastic

*Dates, aircraft, sectors, etc. are tentative

Customers

Multilingual service and special assistance, etc. for

Stress-free travel for all customers

Realize sustainability with our customers (voluntary offset program, etc.)





Employees

Internal recruitment of diverse employees to take part in planning and operation to promote

Active role of diverse human resources





Rolling Plan 2022

1. Outline of Medium Term Management Plan-Rolling Plan 2022

2. Three Pillars of Management Strategy

	ESG Strategy	2030
	Business Strategy	2025
(##))) }	Finance Strategy	2025

3. Details of Strategy



Accelerate business model reform to build resilience





Business Strengthen Collaboration Among Business Areas Build a resilient business structure with growth potential by promoting Group management

2 - 2





Rolling Plan 2022

1. Outline of Medium Term Management Plan-Rolling Plan 2022

2. Three Pillars of Management Strategy



3. Details of Strategy



Strategically allocate resources to build risk resilience and capital efficiency





*1: Return on Invested Capital = EBIT (after tax) /Average fixed assets at the beginning and end of a fiscal year(*2)

*2: Fixed assets = Inventory assets + Non-current assets - Deferred tax assets - Net defined benefit asset



Basic concept of cash flow allocation

Finance



Gradually shift cash flow allocation from rebuilding of financial foundation to shareholder return and investment for sustainable growth





Investment Strategy

Promote investment for sustainable growth with disciplined investment management



All investments are to drive ESG management

Actively utilize ESG finance to steadily upgrade to fuel-efficient aircraft





Progress of Medium Term Management Targets

Steadily work on FY2025 targets to achieve JAL Vision 2030





*1: Net Promoter Score ... Objective Indicator of Customer Satisfaction (compared to the beginning of FY 2021)

*2: Increase in total passengers by stimulating tourism demand and creating new flows

XAim to improve Total Shareholder Return(TSR)



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3-1

Accelerate business model reform to build resilience



	FY2021	FY2022~
	Improve profitability during periods of low passenger demand	Accelerate initiatives to increase profitability and recover/increase demand
Full Service Carrier	 Reduced maintenance and operating costs by retiring the 777 and introducing the A350 Suspended unprofitable routes and utilized codesharing Introduced JAL SMART AIRPORT to hub airports in Japan 	 Expand international route network according to recovery in demand Increase customer preference by deploying the A350 on international routes following domestic routes (FY23~) Promote the development and provision of products and services that reduce environmental impacts Further drive ESG strategy through our joint businesses and alliance
	Full-scale launch of three LCCs based in Narita	Realize high profitability and double the size of business
LCC	Aircraft: 10 aircraft Routes: 11 routes * Excluding Jetstar Japan ZIPAIR ····Opened US west coast route as Japan's first medium- and long-haul LCC SPRING ··· Made SPING JAPAN a consolidated subsidiary, created a new brand	Aircraft: 18 aircraft Routes: 22 routes FY2025 plan, Excluding Jetstar Japan ZIPAIR Expand networks in Asia, North America and China
2 🕹 💉	JAPAN a new brand Jetstart Reviewed the number of aircraft and routes to improve profitability	Jetstar Increase competitiveness and reduce environmental impacts by introducing the A321 LR (scheduled for July 2022)
	Securely capture robust demand and increase profit	Expand business with a new business model
Cargo and	 Made maximum use of our routes and other airline's aircraft to meet robust cargo demand 	 Increase transportation capacity on high demand and high growth routes by strengthening partnerships
Mail	 Transported vaccines and other pharmaceuticals leveraging our high quality transportation 	 Strengthen handling of high-unit revenue cargo by building a production system that enables quality control and reduction of lead time
		Launch freighter business with Yamato Holdings in April 2024 (operated by Jetstar Japan)
	Launch initiatives for business model reform	Expand into growing business areas and drive business model reform
Mileage, Lifestyle,	 Kileage Lifestyle • Expanded services in daily life and all stages of life (marketed JAL Denki and JAL Housing Loans) • Made JALUX a consolidated subsidiary 	Double profits by promoting the JAL Mileage and Lifestyle Concept
Infrastructure linitiatives from FY2022	 Increased awareness of local products and expanded sales channels (JAL FURUSATO NOZEI (hometown tax donation program), EC for China, increased desirability of local products by Furusato Cheering Teams) 	 Expand joint problem-solving projects with regional areas (local governments and companies)
explained later	Air Mobility • Trialed the drone business in various regions • Trialed the business model of the air taxi business	 Establish an Operation Platform Business and expand air mobility market

3-1

Aircraft Strategy

Adapt to changes in the business environment through flexible aircraft portfolios for Full Service Carrier (FSC) and LCCs







(Note) Number of aircraft at the end of the fiscal year unlesss otherwise mentioned



Mileage and Lifestyle Business

Promote the JAL Mileage and Lifestyle Concept for the wellbeing of our customers and society





Provide diverse services in everyday life and all life stages and expand ways to earn and use miles Specific initiatives to promote the concept

Introduce a new mileage program

Introduce a mileage program where users can earn points through daily use apart from air travel and environmentally friendly activities

- Expand partnerships with different business industries
- Promote DX
- Promote centralized and cardless daily services through membership apps
- Develop and market products to meet customer needs by analyzing and utilizing customer data

Initiatives in focused business areas

- Financial service domain
- Expand financial product lineup (insurance/securities, etc.)
- Promote cashless payment (expand touchless services/introduce QR code payment)
- Commerce domain
- Expand business by building new EC sites
- Provide products that promote ethical consumption
- Increase synergies with JALUX by utilizing the JAL brand





Regional Business

Maximize regional attractiveness and value and create new flows





Air Mobility Business

3-2

Realize seamless transportation in all regions to solve social issues





JAL Next-Generation

AIR MOBILITY

DX Strategy

3-3

Accelerate businesss model reform by building and utilizing Big Data through collaboration in the digital domain



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HR Strategy

3 - 3

Accelerate management strategy execution through the consolidated efforts of diverse human resources, our greatest strength





*1: Percentage of employees who responded favorably to the Employee awareness Survey



Fly into tomorrow.



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