NEWS RELEASE

Narita Airport

25 March 2021

Sustainable NRT 2050

- NAA Group's mid-long term strategy geared towards a net zero airport by FY2050 -

We will contribute to the realization of a sustainable society, including decarbonization, and aim to become one of the world's leading airports.

Narita International Airport Corporation has established "Sustainable NRT 2050", to set out the direction of our initiatives leading up to fiscal 2050, which will be the developed version of Eco-Airport Vision 2030 announced in April 2016.

This is the first time in Japan that an airport operator has set a net zero target for the operating company and numerical targets for reducing CO2 emissions among its stakeholders for the entire airport.

In light of the changes in the environment surrounding airports, the NAA Group will not only take action as a group, but will also strengthen cooperation with stakeholders to address their aligned actions to mitigate climate change together with all parties involved at Narita Airport.

FY2050 Targets (Long-Term)

- **NAA Group will achieve net zero corporate CO2 emissions.**
- We will aim to reduce Narita Airport's CO2 emissions by 50% compared to fiscal 2015.

FY2030 Targets (Mid-Term)

- NAA Group will reduce its CO2 by 30% compared to fiscal 2015.
- We will aim to reduce Narita Airport's CO2 emissions per flight by 30% compared to fiscal 2015.
- We have set out our "Next Actions" for NAA to further the reduction of CO2.
- Our Functionality Enhancement at Narita Airport will continue to promote initiatives to reduce environmental impact.

NARITA INTERNATIONAL AIRPORT CORPORATION

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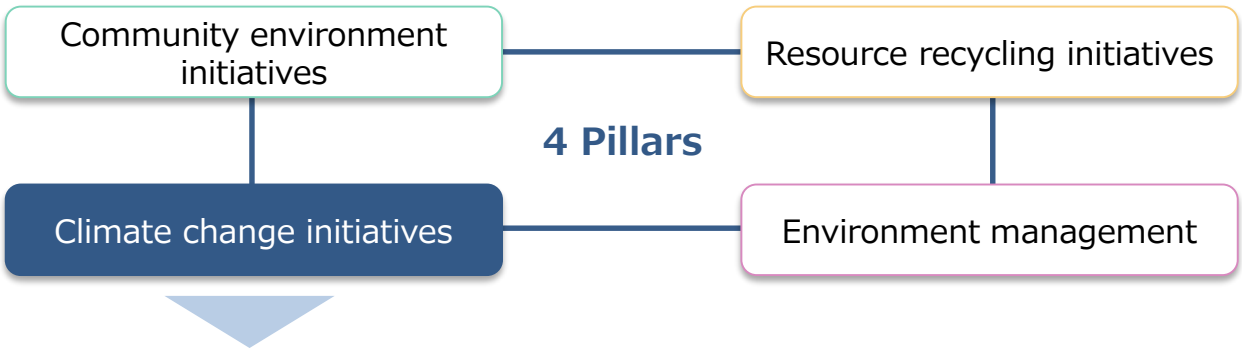
URL：https://www.narita-airport.jp/en/

【Attachment】

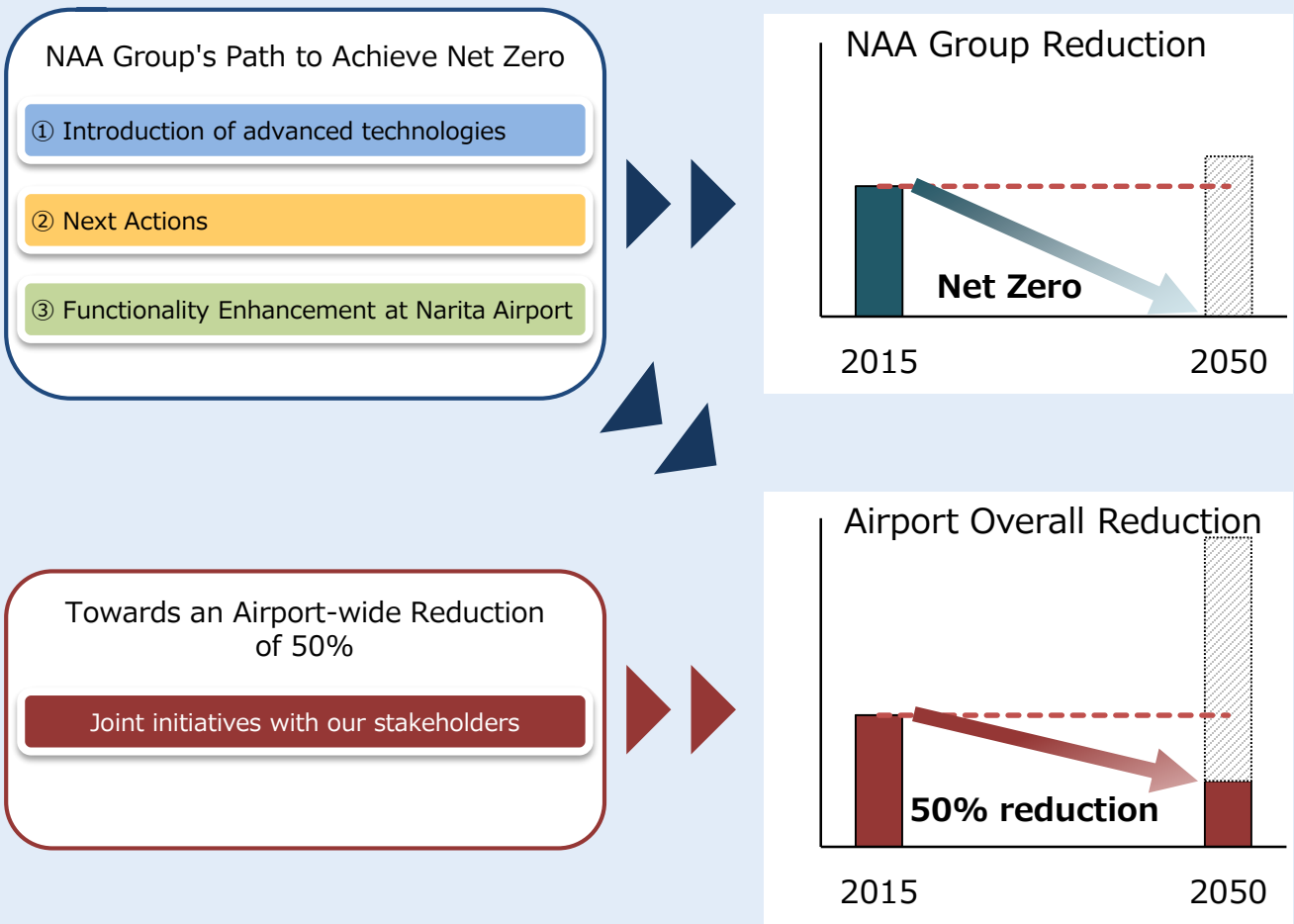
Initiatives for Achieving the Goals of “Sustainable NRT 2050”

At Narita Airport, we will set and carry out environmental initiatives in four categories: Community environment initiatives, resource recycling initiatives, climate change initiatives and environment management.

“Sustainable NRT 2050” sets medium- and long-term numerical targets for reducing CO2 emissions for all stakeholders at Narita Airport to pursue and continue their efforts to further advance "climate change initiatives”.



Diagrams of CO2 Emissions and Initiatives



NAA Group Initiatives

We will promote the following 3 initiatives for a decarbonized society.

① Introduction of advanced technologies

Under the leadership of NAA, the airport will proactively introduce advanced technology to help reduce CO2 emissions.

2030	2050	
Carbon neutral buildings	Convert buildings to ZEBs and zero-carbon energy supply	• Continue to promote energy efficiency • Newly constructed facilities and reconstructed buildings will be made carbon neutral and converted to ZEB (Net Zero Energy Building) by FY2050. • Use zero-carbon fuels to supply energy for air conditioning and other applications.
Convert 20% of purchased electricity to renewable energy	Convert 100% of purchased electricity to renewable energy	• Introduce renewable energies sequentially and convert 20% of purchased electricity to renewable energy by FY2030 and 100% by FY2050.
80% of aviation lighting to be converted into LED	100% of aviation lighting to be converted into LED	• Promote the gradual conversion of aviation lights to LED, with 80% of aviation lights to be converted to LED by FY2030 and 100% by FY2050. • All lights to be installed will be LED for further Functionality Enhancement at Narita Airport.
Convert all Business vehicles other than special-purpose vehicles to low-emission vehicles	Convert all business vehicles to zero-carbon	• Continue to promote the use of low-emission vehicles for business use, and by FY2030, all vehicles other than special vehicles such as airport fire trucks and snow removal vehicles will become low-emission vehicles. • Convert all business vehicles to zero carbon by FY2050.

② Next Actions

NAA will strive to raise awareness among our employees and achieve the following goals as soon as possible.

Carbon neutralization of NAA HQ building	• Carbon neutralize NAA headquarter building. - Conversion of electricity to renewable energy - Offsetting CO2 emissions associated with air conditioning
Zero CO2 business trip for NAA employees	• Reduce NAA employees' CO2 emissions from business travel to zero through offsetting.
Promotion of low-carbon commuting for NAA employees	• Promotion of teleworking and switching to low carbon transport will reduce CO2 emissions from NAA employees commuting by 50%.

③ Functionality Enhancement at Narita Airport

We will promote initiatives for reducing the impact on the environment of our Functionality Enhancement at Narita Airport.

Reduced taxiing distance	• Reduce aircraft taxiing distance by 30% by improving facilities.
Reduced environmental impact during construction	• Ensure the use of emission-control construction machinery, etc. • Use low-carbon construction methods (utilization of ICT to reduce labor, enhance development and achieve more efficiency as well as reduce the quantity of heavy machinery, etc.) • Promote the early greening of construction surfaces, the development of green belts and conservation of low-lying wetlands.
Effective use of logged timber	• Recycle logged timber generated by construction.

Joint initiatives with our stakeholders

In collaboration with our stakeholders, we will undertake multilateral studies and encourage measures to promote the reduction of CO2 emissions.

2030	2050	
Development of framework for accepting SAF	Development of framework for accepting next-generation aircraft	• Work with stakeholders to provide the necessary acceptance framework and encourage the introduction of SAF. • Develop necessary framework for accepting next-generation aircraft (electric and hydrogen powered) while monitoring their development and use.
Convert forklifts to low-emission	Convert GSE vehicles to zero-carbon	• 50% of forklifts to be low-emission by FY2030. • Improve the efficiency and decarbonization of the entire GSE fleet by promoting the sharing and zero-carbonization of GSE vehicles used for ground handling operations.
Introduction of measures to encourage lower stakeholder CO2 emissions		• Consider various measures to contribute to the reduction of CO2 emissions of stakeholders. (e.g. Discounted parking fees for holders of EV/FCV certification cards, etc.)

● Definition of Terms

Zero carbon*	Achieving zero CO2 emissions by using renewable energy and biofuels.
Net zero *	The introduction of energy efficiency and renewable energy to reduce CO2 emissions and then balancing CO2 emissions through carbon fixation and removal, etc. to bring CO2 emissions effectively to zero. (credit purchase is not included)
Carbon Neutral *	The introduction of energy efficiency and renewable energy to reduce CO2 emissions and then balancing CO2 emissions through carbon fixation and removal, etc. as well as offsetting to bring CO2 emissions effectively to zero.
Offset	Compensating for the volume of CO2 emissions that are difficult to reduce despite all efforts by investing in CO2 reduction activities.
SAF	Abbreviation for Sustainable Aviation Fuel A jet fuel produced from sustainable sources with low CO2 emissions in the process from production and collection of raw materials to combustion.
ZEB	Abbreviation for Net Zero Energy Building A building that aims to achieve a zero annual primary energy consumption balance by introducing renewable energy sources in addition to energy conservation through architectural design and the use of natural energy.
GSE	Abbreviation for Ground Support Equipment The general term for equipment used in ground handling operations.

* Definitions based on the Airports Council International (ACI)

● Environmental Report

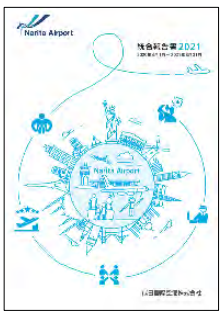
The Environmental Report contains a summary of the environmental measures and results of monitoring and measurements taken at Narita Airport, and is published yearly. It is widely distributed to residents living around the airport and many others.

Narita International Airport's "Environmental Report 2020" provides information on the various environmental initiatives put in place by NAA, as well as the results of environmental monitoring and measurements taken in fiscal 2019.

https://www.naa.jp/en/environment/environment.html

● Integrated Report

This is the first integrated report to be published by an airport company in Japan. This report outlines the direction and initiatives to be taken to achieve sustainable growth at Narita Airport, and provides highlights the contents of "Sustainable NRT 2050"



https://www.naa.jp/jp/issue/tougou_report/index.html (Japanese version only)