

Analyzed dependencies, impacts, risks and opportunities

Physical risks		Ecosystem services	Business activities	Dependencies	Details of physical risks	Existing responses to risks	
Physical risks	Acute/ Chronic	Provisioning services	Procurement of SAF	Depend on ecosystems for SAF materials and depend directly on natural resources for foodstuffs used for the provision of inflight meals	[Impacts on business continuity] The loss of natural resources due to natural or human factors (including expanded production) will have impacts on the production of SAF and foodstuffs, making it difficult to procure SAF and foodstuffs for inflight meals.	<ul style="list-style-type: none"> Reduction of food loss in the cooking process Increased use of recyclable food and foodstuffs certified to be environment-friendly 	
			Procurement of foodstuffs for inflight meals				
	Regulating services	Procurement of carbon credits	Depend on the forest carbon capture function for many of the high-quality carbon credits certified by third parties, on pollinators such as insects for foodstuffs used for the provision of inflight meals in the airline business, on stable climate and natural environments around airports for aircraft operation, and on the abundance of fresh water for aircraft maintenance (cleaning of engines). Also, depend on ecosystem services (suppression of diseases and insect pests) for the prevention of the spread of infectious diseases.	<ul style="list-style-type: none"> [Cost increase] Cost increase due to the need to prevent quality degradation caused by the instability of materials procurement following the deterioration of natural capital, and an increase in repair costs due to landslides and floods around airports that cause the suspension of the airline business. [Impacts on aircraft operation] Outstanding degradation of operational conditions due to the deterioration of natural capital caused by climate change and pollution caused by GHG emissions from our company or others. Inability to use fresh water will hinder the cleaning of aircraft and their engines, making it difficult to increase fuel efficiency or reduce CO2 emissions. [Impacts on business continuity] Substantial loss of biodiversity could cause a pandemic. Stagnation of the supply of carbon credits due to wind and flood damage, intensive wildfires and spread of disease and insect pests, all of which have impacts on forests, will make procurement activities difficult. 	<ul style="list-style-type: none"> Reduction of food loss in the cooking process Increased use of recyclable food and foodstuffs certified to be environment-friendly Monitoring of water use Protection, restoration and regeneration of biodiversity while maintaining appropriate buffers with nature. 		
		Procurement of foodstuffs for inflight meals					
		Aircraft operation					
		Aircraft maintenance					
		Airport use					
	Cultural services	Sustainable tourism	Depend on tourism resources and aesthetic functions provided by biodiversity for the maintenance of sustainable tourism, flight routes popular among sightseeing tourists, and regional revitalization activities conducted by the ANA Group	<ul style="list-style-type: none"> [Decrease in sales] Substantial impacts on local biodiversity on which the ANA Group depends will in turn cause a decrease in the number of passengers who travel to areas with an abundance of natural attractions. [Impacts on business continuity] Loss of regional biodiversity will have an impact on regional revitalization. 	<ul style="list-style-type: none"> Protection and restoration of beautiful coral and other tourism resources and biodiversity Participation in the Ministry of the Environment's 30by30 Alliance for Biodiversity activities Prevention and extermination of invasive alien species in the Yanbaru National Park Project to protect the future of mandarin orange orchards in Ehime 		
		Regional revitalization					
	Transition risks		Influential factors	Business activities	Details of impacts	Details of transition risks	Existing responses to risks
Transition risks	Laws and regulations	Land use	Overtourism	Negative impacts on biodiversity and ecosystems due to the following: change in land use related to overtourism resulting from the expansion of air travel; exploitation of ores for the manufacture of aircraft for procurement; disposal of food and paper, plastic and other materials; pollution caused by aircraft operation and maintenance; trafficking of wildlife by air transportation; and migration and spread of invasive alien species	<ul style="list-style-type: none"> [Decrease in sales] Decrease in the number of flights and suspended operation of some routes due to the need to prevent serious overtourism, trafficking of wildlife and the migration and spread of invasive alien species [Cost increase] Increase in costs to deal with enhanced regulations on pollutants and to introduce new equipment and others 	<ul style="list-style-type: none"> Compliance with the Basic Procurement Policy and the Supplier Code of Conduct for responsible procurement as well as with the Biodiversity Policy. Provision of education on biodiversity to officers and employees Prevention and elimination of invasive alien species in the Yanbaru National Park 	
			Pollution				Aircraft procurement
		Disposal of food and paper, plastic and other materials					
		Aircraft maintenance					
		Others (Invasive alien species, and light and noise pollution)	Trafficking of wildlife				
	Transition risks	Reputation	Land use	Overtourism	Negative impacts on biodiversity and ecosystems due to the following: overtourism caused by the expansion of air transportation; promotion of manufacture and procurement of SAF; expansion of single-species forests for the supply of carbon credits; and the use of land for the production of foodstuffs used for inflight meals	<ul style="list-style-type: none"> [Decrease in sales and loss of brand value] If the negative impacts described on the left are serious, it could result in a loss of reputation among local residents, NGOs and others, which in turn could harm both sales and brand value. [Impacts on funding] If measures against the impacts described above are not sufficiently implemented, there is a risk of loss of reputation among investors and financial institutions, which could lead to disinvestment. 	<ul style="list-style-type: none"> Compliance with the Basic Procurement Policy and the Supplier Code of Conduct for responsible procurement as well as with the Biodiversity Policy Provision of education on biodiversity to officers and employees Reduction of food loss in the cooking process Increased use of recyclable food and foodstuffs certified to be environment-friendly Prevention and elimination of invasive alien species in the Yanbaru National Park Protection and restoration of beautiful coral and other tourism resources and biodiversity Project to protect the future of mandarin orange orchards in Ehime Participation in the Ministry of the Environment's 30by30 Alliance for Biodiversity activities Avoidance and minimization of damage to biodiversity and biodiversity restoration through business activities Implementation and disclosure of CO2 emission reduction measures Application of noise reduction methods (NADP1 and NADP2)
				Procurement of SAF			
				Procurement of carbon credits			
				Regional revitalization			
		Others (Invasive alien species, and light and noise pollution)	Airport facilities	Impacts on nocturnal animals due to airport illumination and aircraft lights; impacts on rare animal and plant species that should be protected due to their use in aircraft operation-related services, raw materials, inflight services and products or by the air transportation of them for trafficking purposes; and negative impacts on local ecosystems caused by noise from aircraft operation in areas around flight routes and airports			
Trafficking of wildlife							
Aircraft operation							
Technology	Others (Invasive alien species, and light and noise pollution)	Aircraft operation	Negative impacts on local ecosystems caused by noise from aircraft operation in areas around flight routes and airports, and negative impacts on nocturnal animals due to and airport illumination and aircraft lights	<ul style="list-style-type: none"> [Cost increases due to lower operation rate] Cost increases caused by updating to equipment and devices with lower environmental impact, by change of flight routes that results in additional fuel cost, and by a lowering of the operation rate due to the review of block time and others 	<ul style="list-style-type: none"> Application of noise reduction methods (NADP1 and NADP2) 		
		Airport facilities					

Opportunities

Opportunities	Category	Opportunities	Measures for Opportunities Taken by the Company		Business impacts
			Sustainability performance	Business performance	
Opportunities	Ecosystem protection, restoration and regeneration	Avoidance and minimalization of damage to biodiversity and restoration of biodiversity through awareness-raising and education activities	Ongoing organization of seminars aimed at eradicating wildlife trafficking		Greater corporate value
	Ecosystem protection, restoration and regeneration	Conservation of natural environment by the introduction of environment-friendly technology	Introduction of agent with smaller emissions of volatile gas		Greater corporate value
	Ecosystem protection, restoration and regeneration	Protection, restoration and regeneration of ecosystems through the restoration and regeneration of natural landscapes and wildlife	Continuation of the coral seedling planting activity (with Team Tyura Sango), the prevention and elimination of invasive alien species in the Yanbaru National Park, and the project to protect the future of mandarin orange orchards in Ehime		Greater corporate value
	Ecosystem protection, restoration and regeneration	Avoidance and minimalization of damage to biodiversity and restoration of biodiversity through practical business activities for circular economy-based society	Recycling of plastic films used for air cargoes		Establishment of competitive superiority and greater corporate value
	Ecosystem protection, restoration and regeneration	Conservation of natural environment by the introduction of environment-friendly technology	Increase the use rate of environment-friendly agents not subject to the PRTR law in aircraft maintenance work		Avoidance of reputational risk
	Ecosystem protection, restoration and regeneration	Consideration of natural environment based on collaboration with aircraft manufacturers	Increase the use rate of aircraft with low pollutant emissions and higher energy efficiency		Avoidance of reputational risk
	Sustainable use of natural resources	Effective use of water resources	Collection and treatment of wastewater before discharge		Avoidance of reputational risk
	Sustainable use of natural resources	Consideration of natural environment based on collaboration with aircraft manufacturers	Sharing of information with aircraft manufacturers to limit the impacts of mineral exploitation on nature		Greater corporate value
	Markets	Mitigation of overtourism by the distribution of demand	Regional revitalization activity in consideration of the protection and regeneration of nature and biodiversity		Greater profit stability
	Products and services	Practical business activities for a circular economy-based society		Sale of recyclable food developed in-house and increased use of foodstuffs certified to be environment-friendly	Establishment of competitive superiority and greater corporate value
	Products and services	Maximization of revenues from operation on flight routes through regional contribution and creation of new demand	Collaboration with local communities, local residents, women and external experts	Planning and implementation of sustainable tourism	Enhancement of business resilience and establishment of competitive superiority
	Products and services	Promotion of demand through restoration and regeneration of natural landscapes and wild animal and plant populations		Planning and implementation of sustainable tourism	Greater profit stability