

「FLY ECO 2020」 Target & Result

Item	Target	Results in the fiscal year 2019
Climate change measures	Reduce CO2 emissions from aviation fuel [Unit Target] For the fiscal year ending March 2021, achieve a 20% reduction in CO2 emissions per revenue ton-kilometer (total of domestic and international routes) compared with the fiscal year ended March 2006.	<ul style="list-style-type: none"> Progressed to 20% reduction (compared with the fiscal year ended March 2006) * Reference: <ul style="list-style-type: none"> Total emissions of 11.54 million tons (increase of 0.9% year on year) CO2 emissions per revenue ton-kilometer reduced to 1.01kg-CO2(target 1.03kg-CO2)
	[Total Target] Starting from the fiscal year ended March 2013 through March 2021, keep average annual CO2 emissions on domestic routes below 4.4 million tons.	<ul style="list-style-type: none"> Emissions of 4 million tons (below target annual average of 4.40 million tons)
	Reduce ground energy Reduce energy use at all worksites by 1% each year (in accordance with the revised Law Concerning the Rational Use of Energy).	<ul style="list-style-type: none"> Ground energy consumption down 9.1% year on year on a crude oil equivalent basis (Preliminary)
	Introduce alternative aviation fuel Conduct a study toward the start of full-scale use of alternative aviation fuel by the fiscal year ending March 2021.	<ul style="list-style-type: none"> In June 2019, we agreed with Lanza Tech,inc.in the US to purchase an alternative fuel ,SAF(Sustainable Aviation Fuel), which will be manufactured and supplied in the US after FY2021 In October 2019,we purchased SAF manufactured by Lanza Tech,inc. on delivery flight of new Boeing 777 aircraft We are working with NEDO(New Energy and Industrial Technology Development Organization) to support Japan made manufacturing SAF
Air pollution measures	Conform with aircraft emission standards All aircraft, including leased aircraft, to conform to Chapter 4 of the International Civil Aviation Organization (ICAO) emission standards.	All aircraft in conformance
	Introduce lowpollution vehicles Actively introduce low-pollution vehicles, and study the use of biofuel.	<ul style="list-style-type: none"> Out of the 4,863 vehicles introduced this year by the ANA Group, 1,841 (approx. 37.9%) were low-pollution vehicles*. *Fuel cell, electric, hybrid or emission constraint vehicles
Noise measures	All aircraft, including leased aircraft, to conform to Chapter 4 of the ICAO noise standards.	All aircraft in conformance
Resource savings	Reduce waste and promote paperless operations, including sales.	<ul style="list-style-type: none"> Total volume of overall waste 32,600 tons (5% reduction) Total volume of industrial waste 3,200 tons (0% reduction)
	Promote 3R activities, including closed recycling of in-flight magazines and other items.	<ul style="list-style-type: none"> Total paper usage (various types): 3,100 tons (down 0.1 tons year on year). Rreduced amount of the number of group in-flight magazines and sales brochuresales. Continual efforts will be made to reduce waste emissions through resource conservation and recycling initiatives.
Environmental contribution activities for local communities	Conduct sustainable forestation that provides new value to communities and society.	<ul style="list-style-type: none"> Continued afforestation activities three times a year in May* and October, as "ANA Forest of the Heart " project in Minami-sanriku, Miyagi Prefecture. *Collaborated with The Boeing company in May. Continued support for the OISCA's Coastal Forest 11-year Restoration Project in the Tohoku region, damaged by the tsunami arising from the Great East Japan Earthquake, through the dispatch of company volunteers to the affected area in June and September. Donations also made through Environmental Support Miles from ANA Mileage Club members. (0.72million yen)
	Enhance environmental education activities through the Team Tyura Sango coral regeneration project.	<ul style="list-style-type: none"> "Team Tyura Sango" coral conservation project is conducted five times a year (May, June, October, November), and 317 volunteer divers and helpers attended the events this year. A total of 3,799 volunteers have planted 13,145 coral seeds and seedlings to date. Coral seeds and seedlings have been continuously donated through Environmental Support Miles from: ANA Mileage Club (equivalent to 250 coral seedlings) from: ANA Diamond Club members. (equivalent to 1340 coral seedlings)