

Environment

ANA Group Ecology Plan 2003–2007

The ANA Group formulated the mid-term ANA Group Ecology Plan in 2003. Each year since then we have published progress reports; the FY2006 report is the fourth such report.

ANA Group Ecology Plan—Review of FY2006

	Item	Aim
Promoting environmental management	Environmental compliance	Group-wide enhancement of legal management and compliance
	Environmental communication	Keeping customers informed and reflecting their views in our policies
	ISO14001	Deployment of environmental management methods based on ISO 14001 throughout the Group
	Environmental accounting	Group-wide environmental accounting
	Group companies	Promotion of transparent environmental management among subsidiaries
Climate change	Reduction of CO ₂ emissions from jet fuel	Reduction of the level of CO ₂ emissions per available seat kilometer in FY2007 by 12% relative to FY1990
	Reducing energy use in offices	Reduction of electrical and thermal energy consumption in facilities by 5% relative to FY2002
Air pollution	Conformance with aircraft emissions standards	Retirement of engines not meeting ICAO engine emission standards
	Environment-friendly vehicles	Doubling of proportion of all low-pollution and low-emission vehicles
	Protecting the ozone layer	Maintenance of zero emissions for regulated substances
Noise	Conformance with ICAO noise levels (Chapter 4)	All aircraft to meet Chapter 4 standard by FY2007
Recycling	Waste reduction	Disclosure of actual recycling data on a yearly basis toward the goal of zero emissions. Reduction of industrial waste sent out for final disposal to 15% by FY2007
	Green purchasing	Increase the green purchasing rate to 100% for copier paper, and to 80% for other office supplies, by the end of FY2007
	Reducing harmful substances	Development of alternatives to substances covered by the PRTR (Pollutant Release and Transfer Register) Law and disclosure of actual data pertaining to yearly reductions
Promotion of Aozora environmental social contribution activities	Environmental picture books	Annual environmental picture book competition
	Forestation project	Promoting forestation activities in Japan and abroad



FY2006 review	Reference page
On average seven laws/regulations related to the environment are applicable to each facility, and we adhered to a total of 383 such laws or regulations. We incurred no penalties and caused no environmental mishaps.	62
In addition to participating in environmental events such as Ecolife Fair 2006, we published features on the environmental issues in our Japanese-language inflight magazine, <i>Tsubasa no Okoku</i> , every other month. We receive feedback on these efforts through our website.	63
In accordance with ISO14001 requirements governing environmental policy, we collected environmental data, enforced compliance with environmental laws and regulations, and more.	63
FY2006 accounting covered six airlines—ANA, Air Nippon, Air Nippon Network, Air Japan, Air Central and Air Next	63
In addition to our efforts at environment education through e-learning on the Group's intranet, many employees participated in various environmental protection activities such as forestation and coral planting.	64
Through the EFP (efficient fuel program) and by regularly washing engines, we achieved a 12% reduction relative to FY1990.	65~69
We promptly joined Japan's national movement, "Team Minus 6%," to prevent global warming and are endeavoring to save energy by adjusting the temperatures of our heating and cooling systems. Office power consumption, which accounts for three quarters of all energy we use on the ground, was 133 million kWh, 1.8% less than in FY2002.	68
With the retirement of Boeing 747-100SR and -200B aircraft in FY2005, emission levels of all jet engines in use at the ANA Group are within ICAO standards.	70
The proportion of low-pollution and low-emission vehicles reached 14.9% in FY2006, double the 7.4% of FY2002, the standard year.	71
With the withdrawal of YS-11 aircraft in FY2003, the ANA Group no longer possesses any controlled CFCs (chlorofluorocarbons); in FY2004 we installed equipment to retrieve all halon during regular inspections of on-board fire extinguishers. With these measures we have established a zero-emission system for controlled substances.	71
We achieved our goal of having our entire fleet conform to the Chapter 4 standard.	72
We recycled aircraft engine parts and aluminum material from repairs (into raw metal); waterproof and dustproof vinyl sheets (into solid fuel and garbage bags); airline tickets (into toilet paper); and inflight magazines (into pulp). Cabin attendant uniforms were also recycled.	73
By making greater use of the LAN (Local Area Network), we achieved a total green purchasing rate of 70%—an increase of 7% over FY2005. In addition we achieved 97% green purchasing for copier paper, and 75% for other office supplies.	73
We made efforts to develop alternatives not subject to the PRTR Law for paints, paint removers and cleaning agents. While we used more kinds of hazardous substance this year (32; an increase of 1 from FY2005), the total weight of these substances decreased to 21.5 tons, a 20% drop from FY2005.	74
Our fourth Aozora International Environmental Picture Book Competition attracted 569 entries from 10 countries. The first-prize-winning entry was printed as a book (100,000 copies) and distributed onboard, at offices and through educational organizations.	76
Forestation activities were held at 5 locations with the participation of local communities, industry and universities. Coral planting took place 8 times, with a total of 224 divers taking part.	75