

Driving Forward with Eco-Airport Initiatives

At Narita International Airport NAA drew up the "Eco-Airport Vision 2020" and "The Eco-Airport Master Plan (FY 2011 - 2015)" and is moving forward with a set of airport-wide environmental initiatives with airport-related business entities.



Five Initiatives of the Eco-Airport Master Plan (FY 2011- 2015)

- Global Environment Initiatives**
 - Reduction of CO₂ emissions from aircraft, vehicles and airport facilities (per flight)
 - Standard value: 4.88 t-CO₂ (FY2010)
 - Final target: 10% reduction compared to FY2010
 - We are encouraging the introduction of fuel efficient aircraft, low emission vehicles during vehicle replacement, energy conservation measures through the use of the Building Energy Management System (BEMS) in the passenger terminals and the expanded use of LED lights for taxiway lighting.
- Community Environment Initiatives**
 - Increase the ratio of quieter aircraft
 - Standard value: 81.5% quieter aircraft ratio (FY2010)
 - Final target: 90.0% quieter aircraft ratio
 - We are encouraging the use of quieter aircraft through a system offering reduced landing fees to quieter aircraft. We also monitor noise continuously to check noise levels.
- Resource Conservation Initiatives**
 - Increase grey water usage
 - Standard value: Ratio of grey water use: 21.2% (FY2010)
 - Final target: 25%
 - We are reducing the use of drinking water in terminal offices and tenant stores (food & beverage outlets, etc.) through water-saving measures and by increasing the use of treated grey (recycled) water from rain water and kitchens waste water.
- Biodiversity Initiatives**
 - Voluntary environmental impact assessments when undertaking airport expansion
 - Final target: Minimize the impact of the airport expansion on the surrounding natural environment.
 - When expanding the airport, we examine the impact of the work on the surrounding area and publicize forecast assessments of the impact on the environment after completion of the expansion. This serves as the basis conservation measures to preserve the biodiversity around the airport.
- Environment Management**
 - Implement environment management to encourage environmental initiatives across Narita International Airport
 - Target for NAA: Promote and draw on environment conservation activities throughout Narita Airport.
 - Target for airport-related business entities: Implement environment conservation activities throughout the entire airport.
 - We will step up our environmental management capacity via the Eco-Airport Development & Planning Council and improve our communication on environmental issues by organizing environment events.