Principal Environmental Initiatives at a Glance

Sustainable Airport Digest Map

For Vehicles

1. **General Waste Sorting**
   - Waste is sorted for recycling into six categories in terminal lobbies, and 10 categories in office areas.

2. **Solar Panels**
   - Solar power panels installed at Passenger Terminal 1 and the NAA Building generate electricity for lighting in those buildings.

3. **Kitchen Wastewater Treatment Facilities and Grey Water Production Facilities**
   - Waste water from restaurants in terminals is treated and reused as flushing water in airport toilets.

4. **Fast Chargers for Electric Cars**
   - For the convenience of airport users driving electric vehicles (EVs), fast chargers are provided in parking lots P1 and P2.

5. **Hydrogen Station**
   - This station supports drivers of fuel cell vehicles, which are becoming popular in recent years.

Introduction of Low Emission Vehicles

- We promote the introduction of low emission vehicles such as EVs as well as fuel-efficient and low-exhaust cars.

On Taxiways

6. **LED (Light-Emitting Diode) Lighting**
   - Highly energy-efficient LED lights have been installed for taxiways and some parts of lighting in passenger terminal buildings.

At Airport Facilities

7. **Recycling Plant**
   - Asphalt, concrete, and other construction waste is crushed and recycled into paving material.

8. **Rainwater Treatment Facility**
   - Rainwater from a holding pond is treated and reused for cooling water in the Central Heating and Cooling Plant and for flushing water in the passenger terminal toilets.

On Aprons

9. **Noise Reduction Hanger (NRH)**
   - A hangar-type noise reduction facility drastically decreases sound levels of aircraft engine testing.

10. **Landing Charge System for International Flights Based on the Narita Aircraft Noise Index**
    - To encourage airlines to use quieter aircraft, we have introduced a noise-related landing charge system for international flights. These aircraft also contribute to the reduction of CO₂ emissions.

On Taxiways

- **Noise Mitigation Embankments**
  - Mitigation embankments and wooded buffer zones have been constructed to reduce aircraft noise.

- **Greenport Eco-Agripark**
  - On the noise mitigation land, we maintain a hands-on nature conservation park with a rich diversity of natural life.

- **Environment Monitoring**
  - To understand the environmental impacts from airport operations, we take year-round and short-term noise, air quality, and water quality measurements and disclose the results on our website.

- **Construction Waste Management**
  - We reduce construction waste for apron pavement repair work through a technique developed by NAA called “Bonded Overlay Method.”

- **GPU (Ground Power Units)**
  - Quiet, zero-emission GPUs have been installed at fixed stands of passenger terminals and in cargo areas. They provide electricity and air conditioning to parked aircraft.