WASTE MANAGEMENT AT ATHENS INTERNATIONAL AIRPORT
Sabine Kablitz, Charalampos N. Kavouras
Environmental Department, Athens International Airport “Eleftherios Venizelos” S.A., 19019 Spata

— Athens International Airport “Eleftherios Venizelos” (AIA) is responsible for the waste management (i.e., handling, temporary storage, transportation, final disposal) of all waste produced across the Airport Site, including:
- Solid waste (e.g. residual waste, construction waste, greenery waste, sludge)
- Recyclable waste (paper, glass, aluminum, plastic, wood, tires, metals)
- Hazardous waste
- Medical/clinical waste

The Environmental Department of Athens International Airport was established from the first day of the company’s operation in Summer 1996. The responsibilities of the Environmental Department are related to the Environmental Management System, aircraft noise, air quality, resources monitoring, waste management, water management, natural environment, cultural heritage and community projects.

AIA is the first Hellenic airport with an Environmental Department that has been certified according to EN ISO 14001 since December 2000.

Since AIA’s waste management system is based on the “Polluter Pays Principle”, Third Parties (i.e., companies operating at the airport) are charged for waste production.

AIA implements a waste accounting system that delivers detailed waste data from each waste producer and allows the fair distribution of waste management operational costs.

Waste charges are based on the weight of waste (price per ton) and depend on the type of waste. Waste billing of the producers is performed on a monthly basis.

Measures to Minimise Waste Disposal at Landfill

- Implementation of recycling programs for paper, plastic, glass, aluminum cans, metals, wood, tires
- Application of the “Polluter Pays Principle”, which provides recycling incentives to Third Parties especially in combination with a price policy of “0” charges for all recyclables
- Provision of Waste Management training

Additional Requirements for Waste Management at Athens International Airport during the Period of the 2004 Olympic Games

Preparation
- Forecast of the expected waste quantities, including daily and hourly waste amounts, during July, August and September 2004 based on the expected passenger traffic for every activity at the airport.
- Assessment of whether the current waste handling equipment capacity and operational practice are capable to efficiently handle the estimated increase of waste quantities.
- Development of requirements to ensure a smooth waste handling during the Period of the Athens 2004 Olympic Games.

* Provision of additional container equipment
* Increased waste collection frequency
* 24-hour presence of waste contractor on site
* Regular site inspections
* Meetings with Third Parties
* Development of contingency plan

KEYWORDS: Waste Management, Recycling, Polluter Pays Principle, Airport, Olympic Games