

Welcome!!!

to the presentation

WASTE MANAGEMENT

of SMZ Floridsdorf

hospital and nursing home

Disposal of waste in Vienna

Waste incineration plants

- FWW factory Simmeringer Haide (80,000 t)
- MVA-Flötzersteig (200,000 t)
- MVA-Spittelau (250,000 t)
- MVA-Pfaffenau (250,000 t)

Landfill

- Rautenweg

Separating plant

- Rinterzelt

Principles in following order

- Waste prevention
- Preparation to the re-use
- Recycling (materially)
- Other utilisation (energetically)
- Disposal

Hazardous waste in the medical area

The danger of currency depends on the

- kind of the pathogens
- survivability
- transmission path
- dimension and the kind of contamination
- amount of the waste

Deseases 2007 in Austria (for example)

● Brucellosis	1
● Q-fever	0
● Glanders	0
● Tuberculoses (active form)	553 (30 +)
● Psittakosis/Ornithosis	2
● Cholera	0
● Leprosy	0
● Anthrax	0
● Paratyphoid A, B, C	7
● Plague	0
● Tularämia	4
● Abdominal typhus	3

Waste classification

Division in 5 waste categories

- **Category I** - with hazardous pathogens afflicted, risk of injury and wet waste
- **Category II** – other non hazardous waste of the medical area
- **Category III** – hazardous waste (except medical waste)
- **Category IV** – municipal waste
- **Category V** - materials for recycling

Waste category I

Description:

- with hazardous pathogens afflicted, risk of injury and wet waste

Collection:

- Black boxes, tight for pathogens and liquids

Carriage:

- Transporting companies with special permissions

Disposal:

- Incineration plant for hazardous waste

Waste category II

Description:

- non hazardous waste of the medical area like nappies, bandages, swabs etc.

Collection:

- Orange bags (and „Sharps“)

Carriage:

- Municipal waste company of the city of Vienna

Disposal:

- Incineration plant for municipal waste

Waste category III

Description:

- Non medical hazardous waste like chemicals, drugs, batteries, lamps etc

Collection:

- Solid waste: containers, liquid waste: canisters

Carriage:

- Transporting companies with special permissions

Disposal:

- Incineration plant for hazardous waste or recycling if possible

Waste category IV

Description:

- Municipal waste from kitchen, offices, schools etc.

Collection:

- Gray bags

Carriage:

- Municipal waste company of the city of Vienna

Disposal:

- Incineration plant for municipal waste or landfill

Waste category V

Description:

- Materials for recycling like paper, glass, cardboard, metal, plastic, biogenic waste etc.

Collection:

- Container with different colors

Carriage:

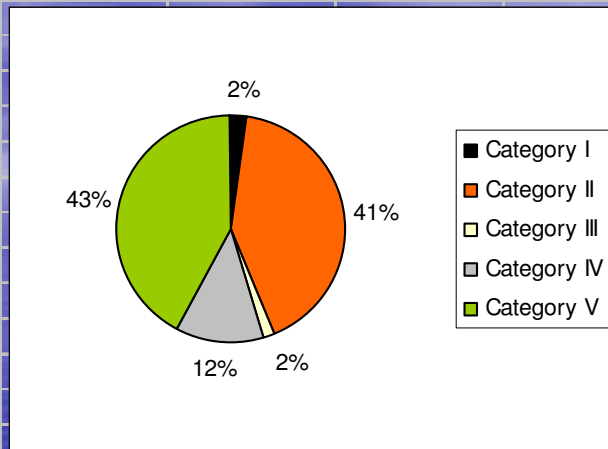
- Municipal waste company of the city of Vienna

Disposal:

- Recycling (material, energetic)

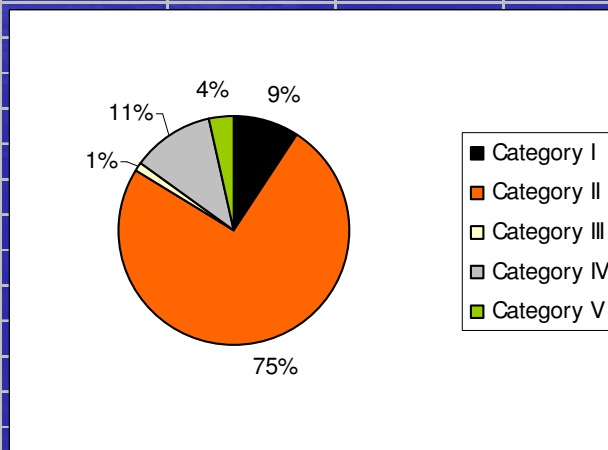
Waste amount summary 2010 (tons)

Category I	600
Category II	10270
Category III	430
Category IV	2990
Category V	10610
Summary	24900



Waste cost summary 2010 (Euro)

Category I	580000
Category II	4740000
Category III	70000
Category IV	720000
Category V	230000
Summary	6340000



The background of the slide is a blue gradient. The top half shows a sky with light, wispy clouds, and a bright sun on the left side that creates a lens flare effect. The bottom half shows a body of water with gentle ripples, reflecting the sky above.

**ADDITIONAL WASTE COLLECTION
SYSTEMS
IMPLEMENTED IN OUR HOSPITAL**

MOBILE PHONE COLLECTION



- The mobile phones are collected by the porters
- We get 1,50 Euro for each mobile phone and donate them to the St. Anna childrens cancer research.



BATTERY COLLECTION

- The batteries are collected in the material depot





MEDICINES

- Rundown medicines are collected in the medicine depot.



DATA PROTECTION

- Separately collection in in a lookable room
- Disposal by an extern company, which shred it



PEAK AND SHARP, BUT NOT DANGEROUS PATHOGEN WASTES

- Like injections and needles, are collected in sharps
- By greater things we use black tons Kat. 1



PAPER AND CARTON

- Collection in containers
- Afterwards we squeeze and sell it



TETRAPACKS

- Collection drop-deflated and squeezed



ORGANIC WASTE

- Collection in a separate room by the kitchen
- Disposal by a biogas plant



TONER



- Collection in the material depot
- Afterwards refilling



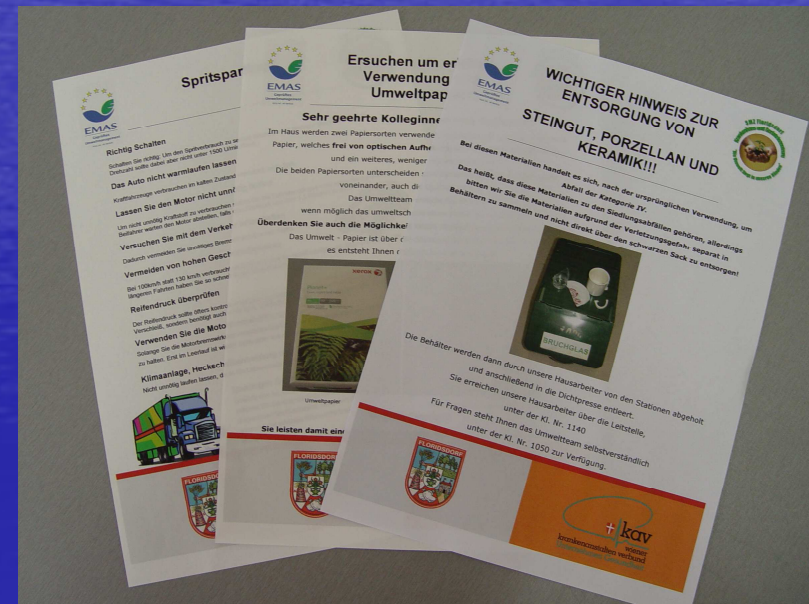
AEROSOL CANS

- Collection in the waste room
- Separately disposal by an external company



INFORMATION TRANSPORT

- INFOLEAFLETS



● Environmental page

Actual details about waste are available there

1. Waste management concept
2. Purchase criteria
3. Info leaflets
4. Appointments for lessons,...

Die Umweltpolitik des SMZ Floridsdorf
Umweltprogramm 2010
Umweltprogramm 2011
Umwelthandbuch
Anweisungen, SV's
Umwelterklärung 2008 (Erstzertifizierung)
Umwelterklärung 2011

Validierte Umwelterklärung (Zertifikat)
Validierte Umwelterklärung engl. (Zertifikat)
ISO 14001 (Zertifikat)

Umweltaufbauorganisation
Funktionsbeschreibung Umweltansprechpartner
Funktionsbeschreibung UmweltkoordinatorIn
Funktionsbeschreibung Umweltkontaktperson
Funktionsbeschreibung Abfallbeauftragte/r
Funktionsbeschreibung SFK
Aufgaben Funktionsträger

Abfallwirtschaftsplan
Einkaufskriterien

Umweltregister
Notfallregister

Auditplan
Mögliche Umweltfragen

Schulungshinweis
Termine für Schulungen 2011

Informationsblätter des Umweltteams
Trinkwasser

**Informations
are also
available in
the
environmental
folders, which
are available
in each
department**



OUR PROJECTS TO SAVE WASTE

- **Reduction of fold towels**
Study and change of paper



Implimentation of Bio plastic bags (for breakfast)



- **REDUCTION OF ADVERTISING MATERIAL**
(Reached reduction 90%)

Done by conversations with the main post office



IMPLEMENTATION OF A SQUEEZING CONTAINER

- Reduction of unused space in waste containers by a squeezing container
(Reached savings about 48.000 euro / year)





**THANK YOU FOR YOUR
ATTENTION!!!**