

Waste Management in Vienna

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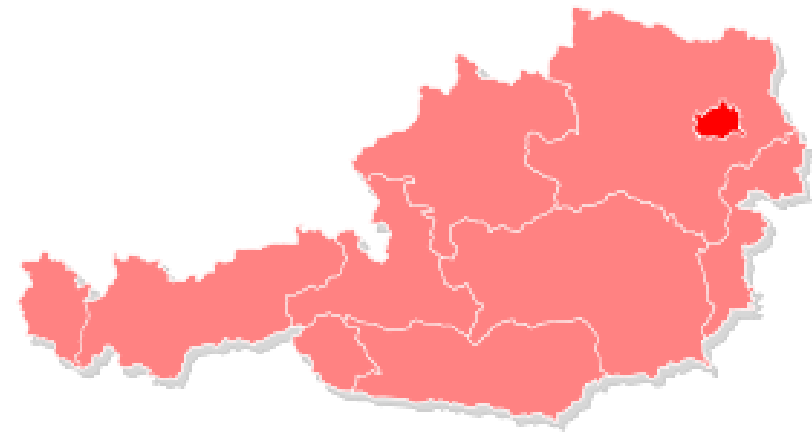
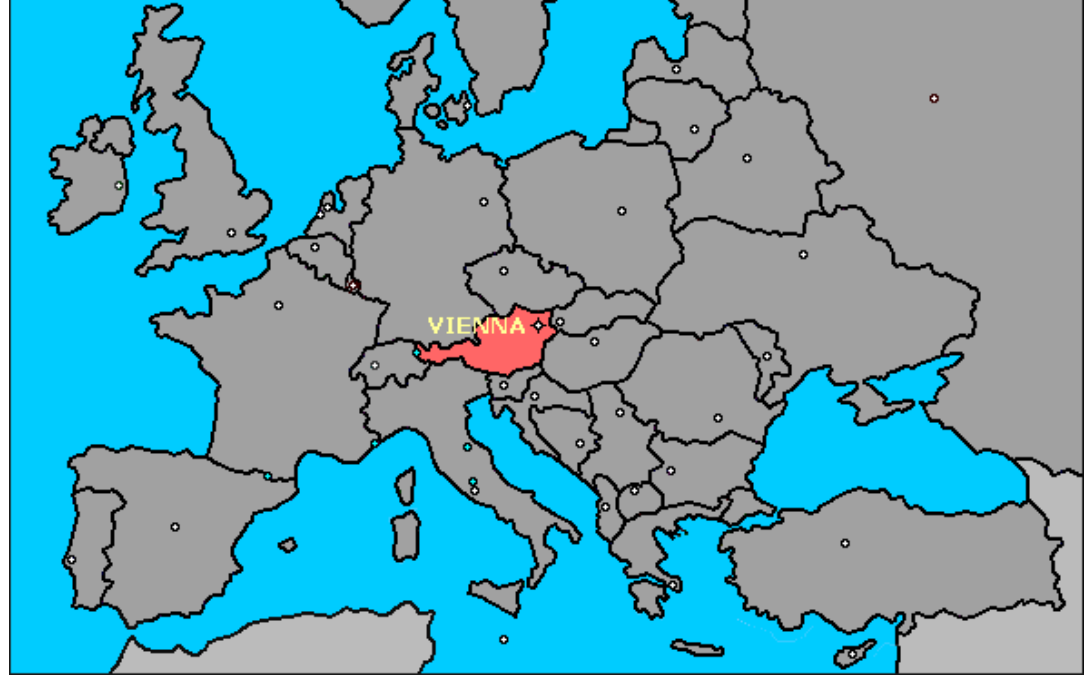
Municipal Department 48 – Waste Management, Street Cleaning and Vehicle Fleet



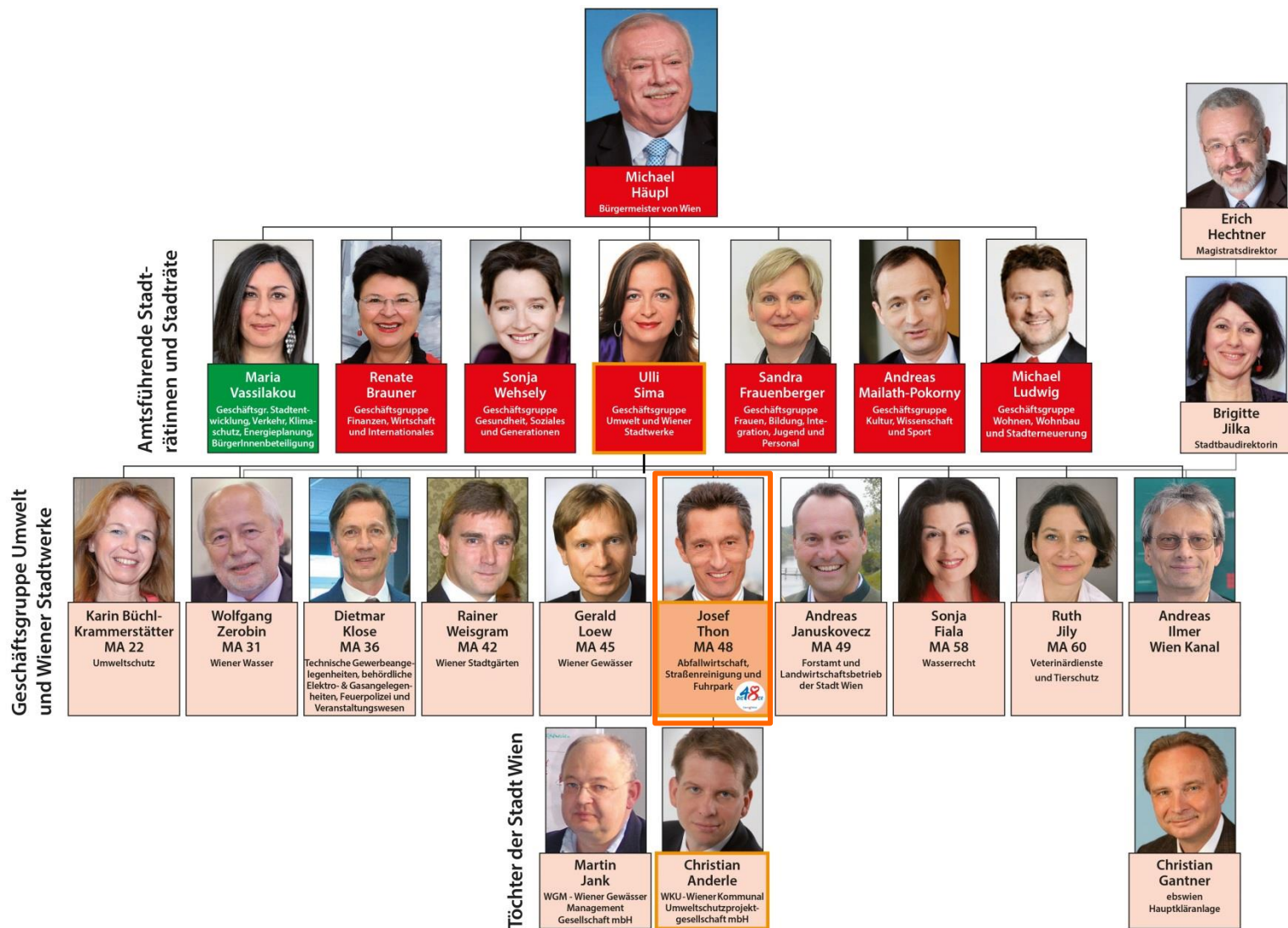
Vienna

Austrian Capital and Province

Inhabitants:	1.8 Mio
Area:	415 km ²
Inhabitants/km ² :	4 300
Households:	872 000



MA 48 in context & structure of the city



Primary Duties of MA 48

Waste Management

- Collection of waste & recyclables
- Waste Treatment



Street cleaning

- Winter service



Others

- Vehicle fleet
- Tow-away service
- Lost and Found
- Public toilets, ...



Total: approx. 3.400 employees

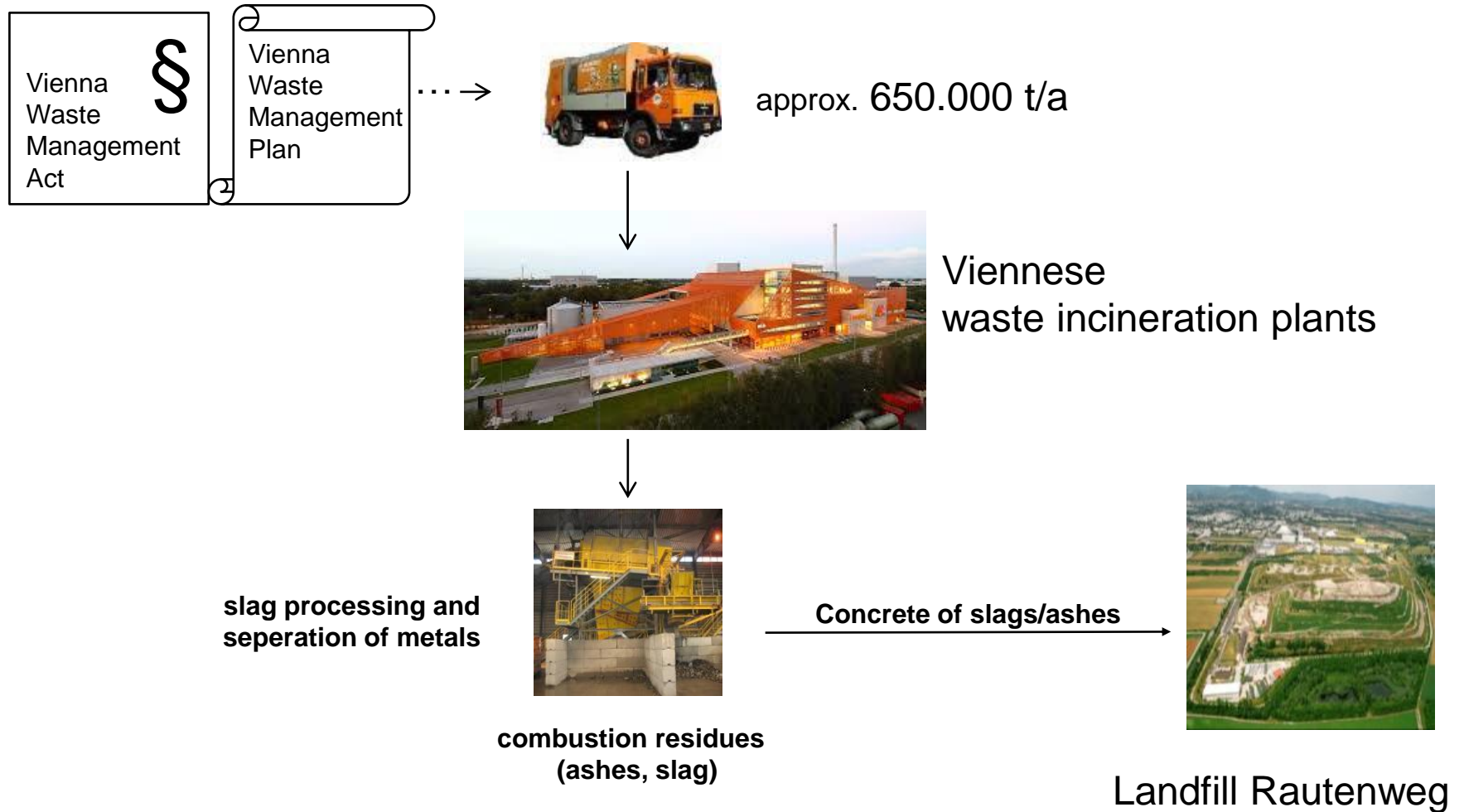
Municipal Waste Management in Vienna

The City of Vienna is responsible for the entire chain of waste management: collection - treatment - disposal

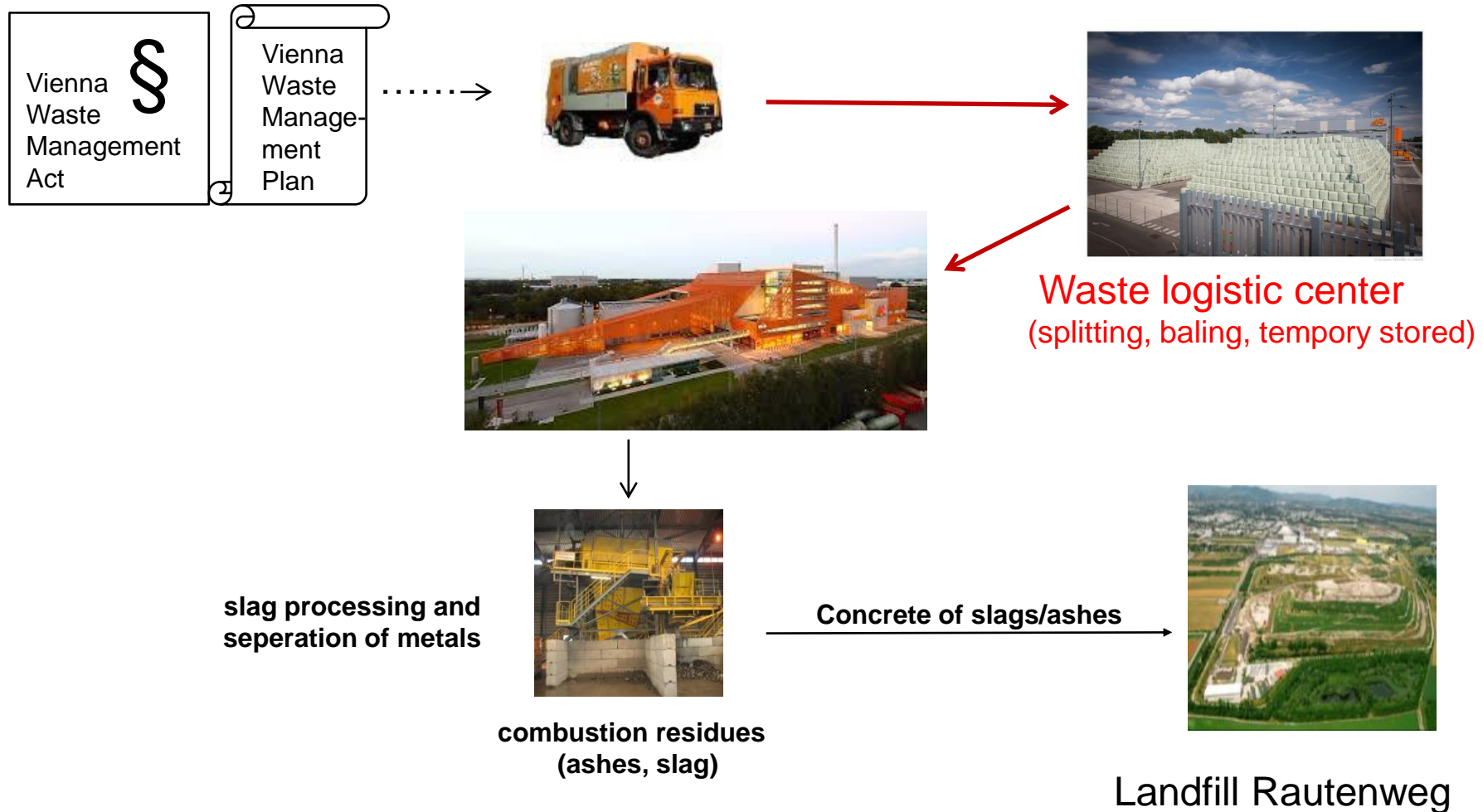
Approach in waste management:

- **Waste Avoidance** supported by many projects
- **Separate collection** of recyclables
- **Thermal treatment** of residual waste with energy recovery

Vienna: The entire waste disposal chain in the hand of the city - e.g. residual waste



Vienna: The entire waste disposal chain in the hand of the city - e.g. residual waste



432.000 bins for collection

fraction	number
residual waste	224.857
paper	95.042
glass (white + coloured)	6.757
metals	6.177
plastics	12.619
organic (incl. garden + kitchen waste)	86.255
total	432.000



4.300 Bring Sites for Recyclables



19 Recycling Centers

- recyclables
- hazardous waste from hh
- WEEE
- bulky waste
- demolition waste from hh
- flea market goods



Collection Vehicles

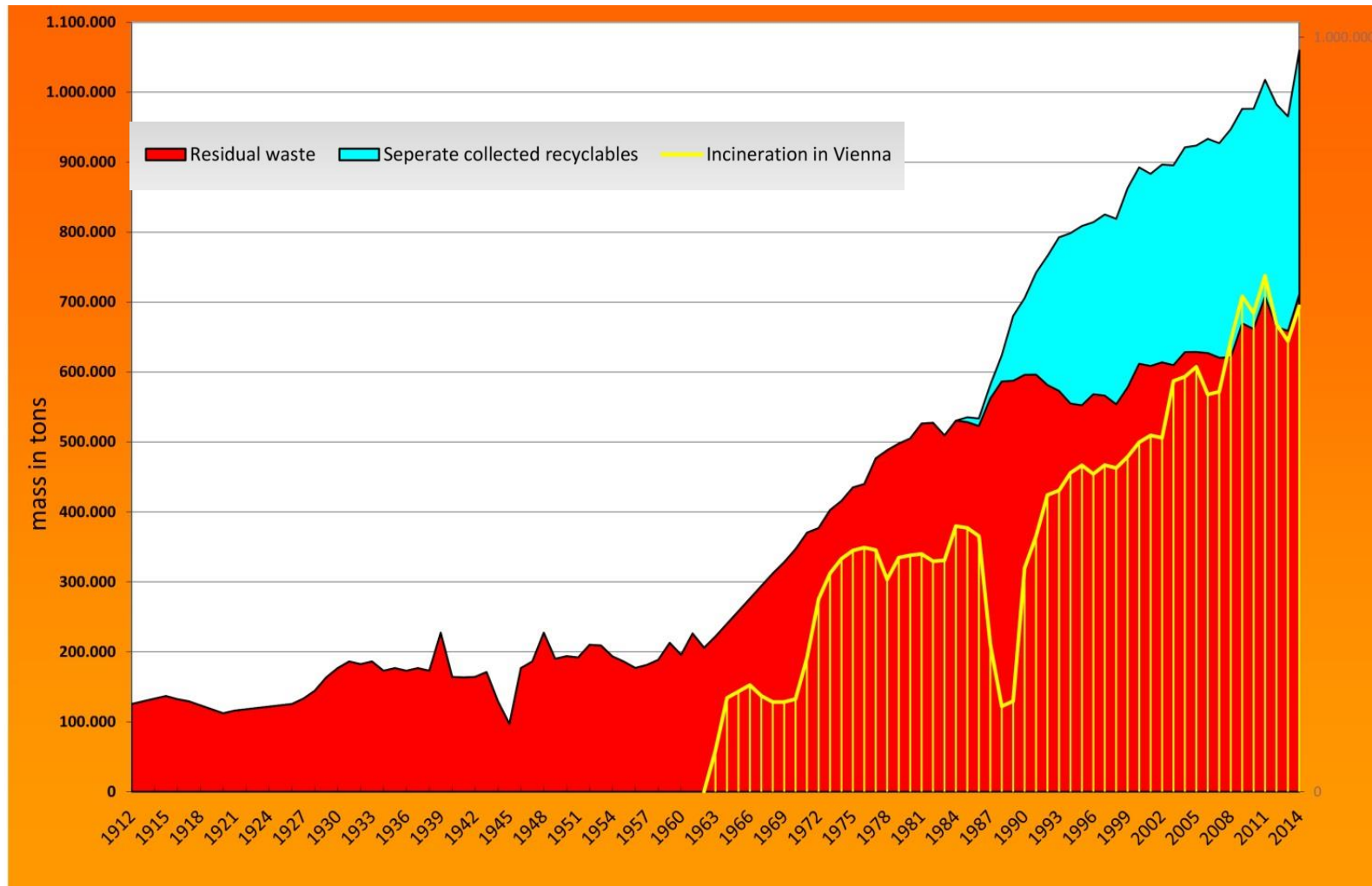
total number of collection vehicles: 294
daily on duty: 256



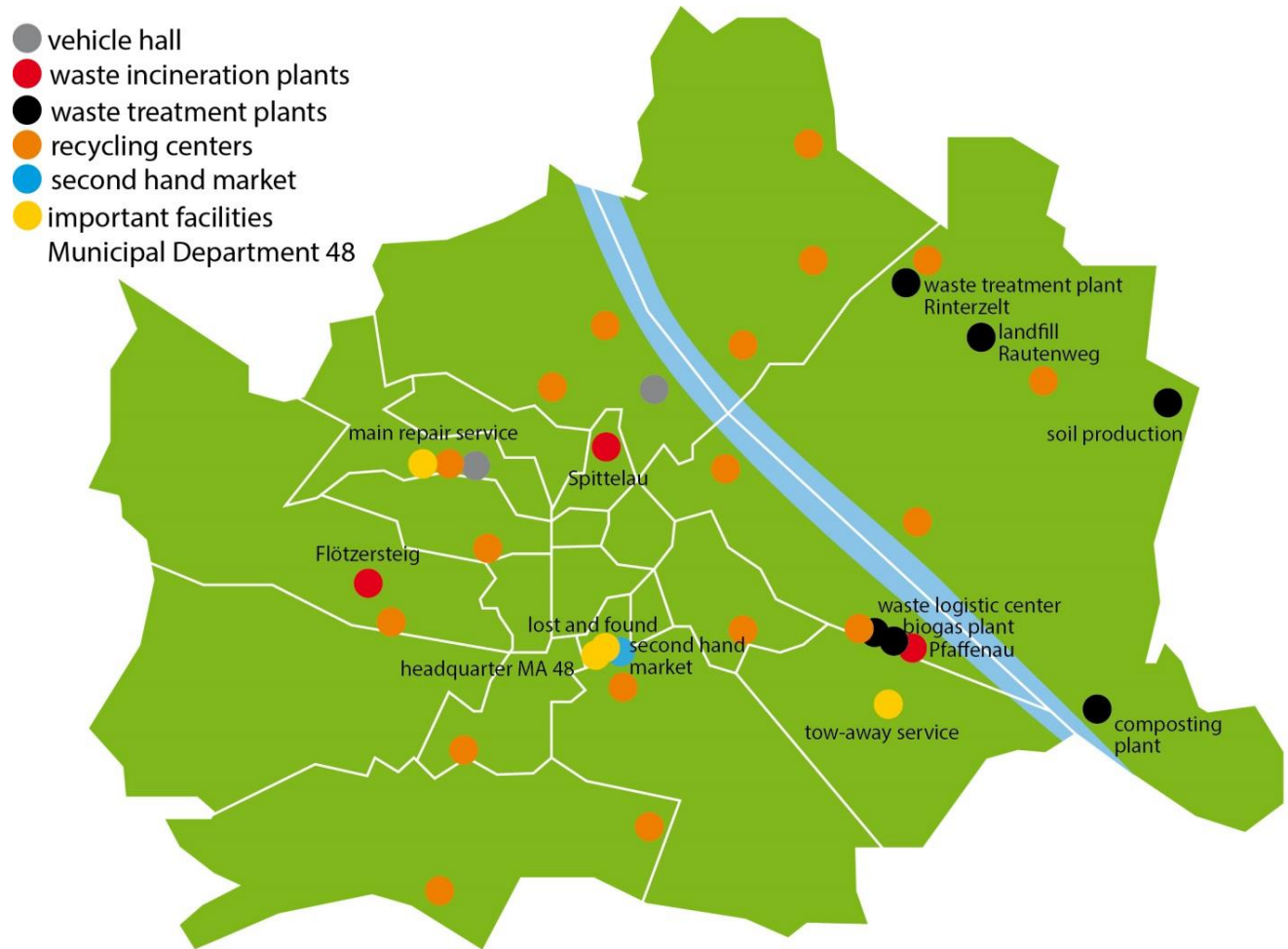
General strategy:

- Separate collection of recyclables (e.g. paper, glass, metal, plastic bottles, ...) apart to residual waste:
 - Recyclables → different ways of recycling
 - Residual waste → waste incineration
- No municipal waste goes directly to landfill
- Municipal Waste collected by MA 48 (in total, year 2015, rounded):
1 Mio. t ~ 600 kg / Inhabitant

Development of residual waste quantities & waste incineration in Vienna



Waste Management & Treatment Sites in Vienna

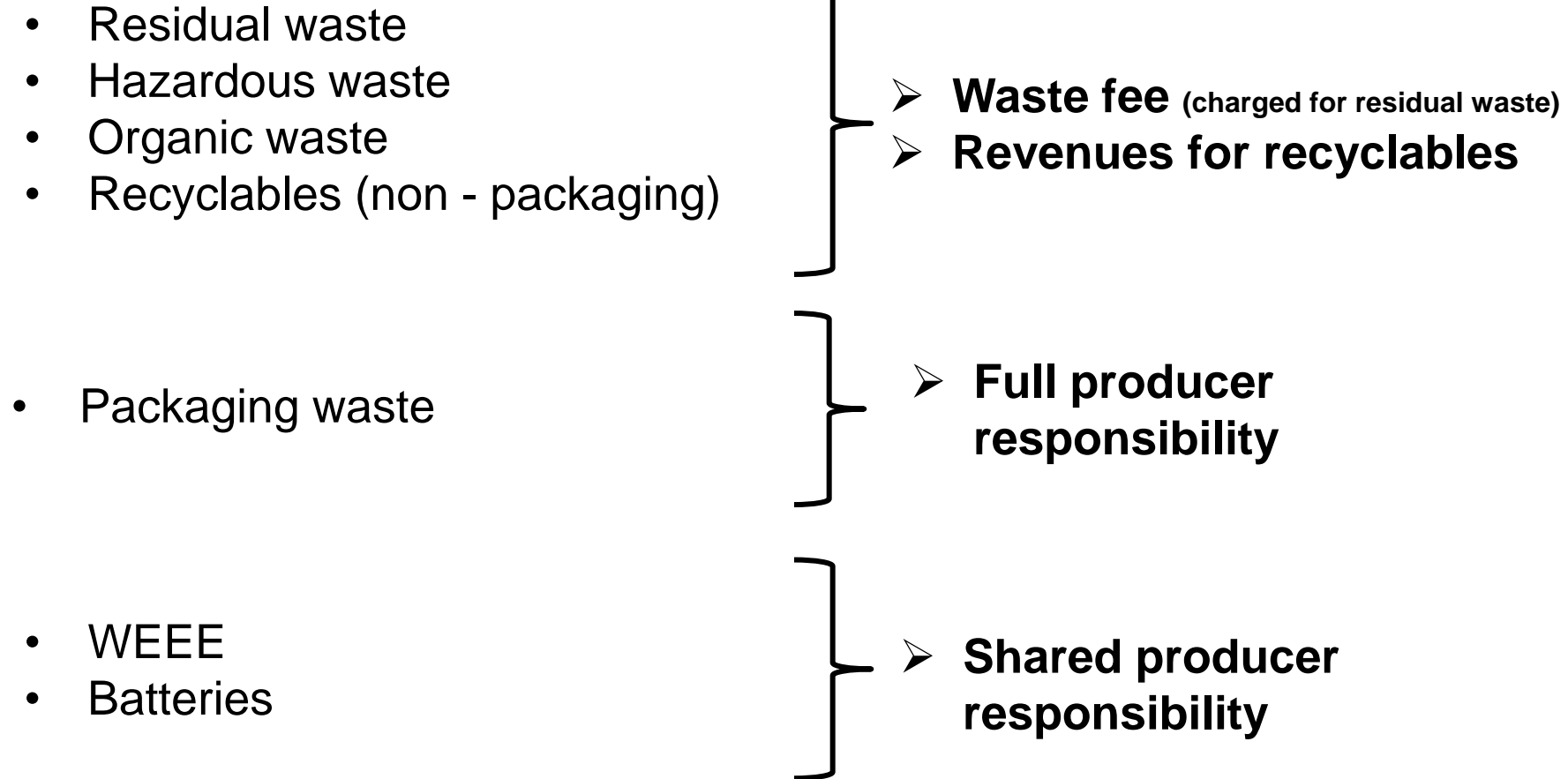


Waste incineration in Vienna

- **1963** waste incineration plant ‚Flötzersteig‘ started operations
- **1971** waste incineration plant ‚Spittelau‘ started operations
- **2008** Opening of the third waste incineration plant
(‚Pfaffenau‘ – planned & built by WKU*)
- All Incineration plants use best environmental cleaning technology
and produce heat for central district heating
- **Since 2006** district cooling
- **Since 2009** only incineration residues got to landfill



Method of Financing



Method of Charging: Waste Fee



landlord is charged for
residual waste

→ charge for residual waste
(depending on emptying interval & bin size)



City of Vienna



waste call-center

546 48

fee covers

organic bin



compost
for free

recycling center



collection for
hazardous waste



paper + metals
(no packaging)



Circular Economy in Vienna

Example: Closed loop of organics





Thank you
for your attention.

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