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Setting waste collection prices in Slovenia

Darko Bečaj
Sanja Pravda
Snaga d.o.o.

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“Innovative Models for Waste Generation Fees”

Legislation



Legislation

determines

Operation of the public waste management service

- municipal waste collection,
- municipal waste treatment,
- municipal waste disposal.

Prices methodology for waste management

- public waste management provider prepares an elaborate,
- the municipality confirms the price €/kg,
- public waste management provider creates a price list (€/container).

Elaborate-study about prices

Includes:

- accounting quantities of waste for the previous period,
- accounting costs for the previous period,
- planned quantities of waste for the future period,
- planned costs for the future period,
- shown separately public infrastructure costs (facilities and devices intended for the performance of public service – civil amenity sites, waste treatment centers,...)

Price preparation and confirmation



- The price is formed per kg of the service provided and is charged to users according to the volume of the container for mixed municipal waste and the frequency of emptying of the container.
- The price calculation is made in the elaborate, by the public waste management provider.
- The elaborate is submitted to the competent municipal authority.
- The competent municipal authority confirms the price €/kg, which is shown through the elaborate-documentation.
- The public waste management provider uses a converter to create a price list (€/container) and publish it.

Billing

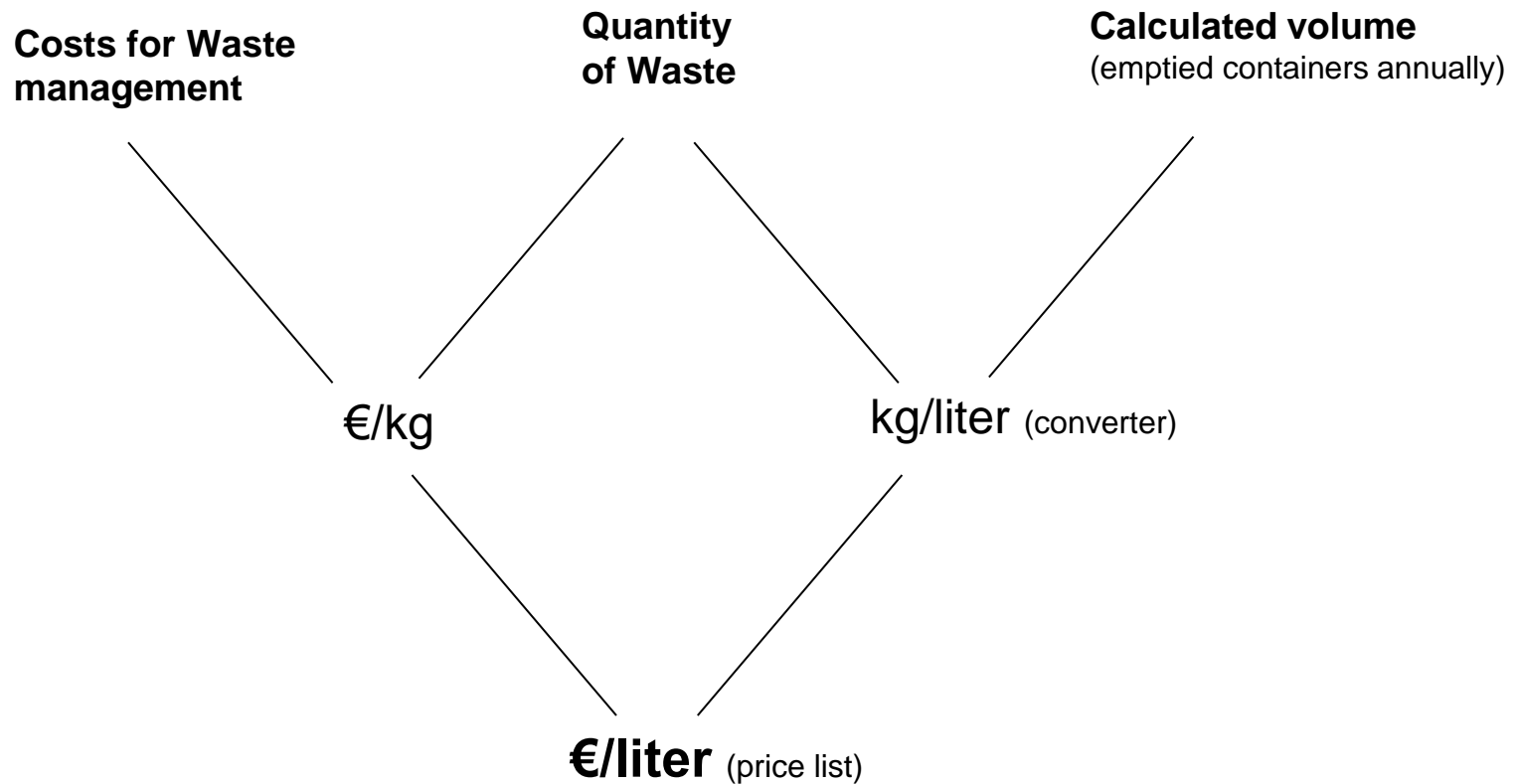
- The regulation allows monthly or annual billing of collected waste.
- Some waste management companies charge the actual collected and disposed quantities of waste per month.
- Users receive a bill with a different amount every month, which is legally allowed, as the price confirmed by the municipal body remains unchanged.

The meaning of the converter



- To transfer the cost to the volume of the container, we use special converter.
- With the converter we transfer price per kilogram, to the volume (liters)
- Calculation: planed amount of waste is divided by the calculated volume of the containers for mixed municipal waste.
- The calculated volume means how many liters (containers) we emptied in a certain period on certain area.
- The amount of waste changes monthly and consequently also annually.
- The volume of emptied containers also changes, so the converter can not always be the same, therefore is variable element.

Waste management price calculation



How is the price calculated

$$1. \text{ Price } \text{€}/\text{kg} = \frac{\text{planned costs of waste management public service}}{\text{planned amount of waste by public service}}$$

$$2. \text{ Converter kg/liter} = \frac{\text{planned amount of waste by public service}}{\text{calculated volume of containers for mixed municipal waste}}$$

$$3. \text{ Frequency} = \frac{\text{number of routes per year}}{12 \text{ months}}$$

4. Volume of container (60, 120, 240, 770, 1100 liters)

Contact details:

- Sanja Pravda

Accounting and financial service

Sanja.pravda@snaga-mb.si

- Darko Bečaj

Head of Logistics service, Snaga d.o.o., Maribor

darko.becaj@snaga-mb.si



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Thank you!



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