

DIGITAL WASTE

Technology, finance and solutions at the service of citizens, local economy and environment.

APPROACH

Optimising the entire waste management process, limiting collection and disposal costs, is crucial for local authorities and must include every aspect of the supply chain: from the collection service (management of vehicles) to the disposal and recovery of the recyclable part (transfers to plants), from pricing (determination of the amount due and collection) up to the search for evasion.

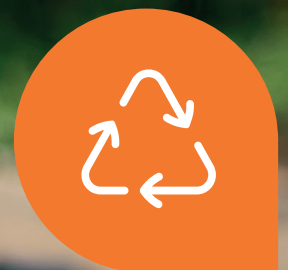
It is also necessary to produce further added value by optimising the management of the processes to overcome the diseconomies of the service and generate positive effects on the territory and by reducing the economic, environmental and social costs which Authorities and citizens have to face.

SOLUTION

Municipia's technologically advanced solutions allow the innovative design of urban hygiene services, the management of landfill tax (TARI), waste collection, from vehicles to methodologies, recording the quantity conferred by each subject. Furthermore, the simultaneous recording of all information regarding the collection and delivery of the waste (collection point and plant) is performed with Municipia's tools. The management system allows to accurately establish the landfill tax (TARI), or the tax due share determined in proportion to the quantities bestowed. Finally, it makes available the utility and waste management information portal – Landfill tax (TARI) payment record and the app to support the conferment and the communication to citizens, as well as all the performance measurements provided for by the consolidated act on the quality of urban hygiene services.

OUTSOURCING

- **Collection** and **publication** of quality performance data.
- **Timely separate** waste collection.
- Possibility of determining the Landfill tax (TARI) **in proportion to the waste conferred**.
- Waste collection with **modular** and **combined innovative solutions**.
- Timely emptying of **smart bins** - where road service is envisaged.
- Analysis of emptying and **customization of the service**.
- **Analysis of the territorial context** and waste flow.
- **Monitor** and **know** the quantity and quality of waste handled.
- Monitor the state of the collection service in **real time**.
- **Optimise** collection **routes**.
- Possibility of **knowing the waste time frames** and **disposal methods**.
- **Management** of the collection points.
- Possibility of **detecting environmental conditions** and of monitoring the asphalt state.
- **Predictive** vehicle **maintenance**.



AREAS OF INTERVENTION

- **Innovative planning** and **programming** of services.
- **Integral management of PEF-ARERA costs**.
- Service **quality management** (expert advice support).
- **Solutions for quality**.
- **Punctual landfill tax (TARI) management** (tax or payment).
- **Knowledge system** and **tax evasion recovery**.
- Revenue management and **smart collection** (including compulsory).
- Operational and management **control ERP**.
- Fleet management with **predictive vehicle maintenance**.
- **Disposal measurement technologies** for plant management.
- Operational **management of GIS** and **IoT vehicles**.
- **Measuring equipment** for roads, environment, etc.



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ADVANTAGES

REDUCTION

of disposed unsorted waste share per capita.

DESIGN

and innovative programming (patented).

REDUCTION

of outstanding payments.

OPTIMISATION

of processes.

CONTROL

and reduction of waste collection and tax collection costs.

OVERALL IMPROVEMENT
of service quality.

INCREASE

in waste materials recovery.

MANAGEMENT

of quality and of training and communication to users.

CONSTRUCTION

of forecasting and decision support models.

IMPROVEMENT

of equity.




COLLECTION

both ordinary and compulsory, which is efficient and attentive to people's needs.

USERS

more satisfied and informed.

WHO WE ARE

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