



WASTE COLLECTION MANAGEMENT



Urban Solid Waste Collection Management



From waste producers up to waste final destinations, "Bee2Waste" offers the more complete and comprehensive software solution to operate, monitor, optimize, control and report along all process phases of the residues collection and processing management.

Bee2Waste is offered in a modular approach allowing the software to grow with your business and is available in both Cloud Based or in-premises versions.

End-to-end Operations Control



Capable of integrating with a wide variety of vendors IoT/sensing/measuring components, Bee2Waste software allows the best of flexibilities in adapting to your business needs and existing environment and regulations.



SOFTWARE & AVAILABLE MODULES

Core Software & Truck Operations Management (base module)

Main features available:

- Services Management:
 - Waste Producers management
 - Waste Final Destinations management
 - Working Orders & Tasks management
 - Contracts management
 - Billing & Invoicing module
 - Helpdesk Module
 - L.E.R Catalogues
 - Geographical Information System (GIS)
 - Integration with external ERP and CRM systems.
 - Direct integration with "arcGIS" & "Google Earth"
- Human Resources Management:
 - Employees management
 - Drivers management
 - Collecting Teams & Service Shifts scheduling
- Equipments Management:
 - Containers Treatment (storing, moves, deliveries, cleaning)
 - Sweepers & Cleaner management
 - Fuel management
- Reporting:
 - Collected Volumes
 - Routes (executed/planned)
 - Occurrences
 - Working times
 - Container Inventory stocks
 - Collecting points
 - Performed Services
 - Fleet Occupation
 - Fuel Consumptions
 - Daily Operations
 - Operation KPI's

- Truck Operations:
 - Real-time Truck Location
 - Truck Status (on motion/parked)
 - Instant , average and max Speed
 - Distance Traveled (total and partial)
 - Direction
 - Efficiency Reports (kilos collected/km traveled)
 - CO2 levels of every collection
 - Occupation Rates
 - Collecting Schedule
 - Routes Planning and effective routes

- Truck Console & Buttons Panel Event Reports:
 - Street Waste, Street Wash, Abandoned
 - Dirty, damage, blocked or destroyed Containers
 - Undifferentiated or Selective Collection type
 - Automatic Reprogramming

Common Hardware equipments required:

- Truck Console (industry specific or Android device)
- Button Panel Box for events input
- GPS equipment
- CAN bus reader



Markets



Municipal Companies



Municipal Services



Municipalities



Ready solution

Pay as you throw (PAYT, also called trash metering, unit pricing, variable rate pricing, or pay per use) is a usage-pricing model for disposing of municipal solid waste where users are charged a rate based on how much waste they present for collection to the municipality or local authority.

As peer to trends and regulations imposed by the European community (and other international and national regulators) Compta Bee2Waste is fully ready to operate under a PAYT principle.



Available Modules

- Containers Management Module (RFID)
- Container Filling Probes Module
- Conditioned Access Containers Module
- Truck Load-Weighing System Module
- Inclusion of other Vehicles in the Platform
- Real-time Fuel Volumes Reading
- Bee2Waste Mobile App