Container filling monitoring

- The radar-type sensor **detects periodically** and **sends the information** if necessary.

- The information is transmitted to the servers using the **5G network**.

- With **photovoltaic technology** for unlimited charging from outside.

- Capable of sensing through **plastic materials**.

Eco City

- **Reduce Km,** fuel, noise and number of operations necessary for the **collection of MSW.**

- **Immediate view** of full containers to increase or decrease the number of collections.

- Integration with **third party software or applications**.

Remote management application

24/7 access to real-time information on the fill level in containers for glass, liquids, paper, textiles, construction debris or any other waste.
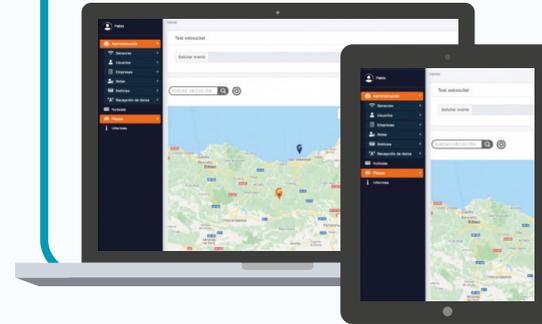
- Management of collection routes.
- Alerts on maximum level reached.
- Filling and optimization graphs.
- Monitoring kg CO2 not emitted.

TECHNICAL SPECIFICATIONS

OPERATING CONDITIONS

Work temperature	-20°C a 65°C
Humidity range	10% a 95%
Resistance to mechanical influences	High tonnage and pressure washing

COMUNICATIONS

Communications module	BLE 5.0 LE
Cat NB1 / BG96	B1 /B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/B28
Compatibility	Global
connectivity range	Ilimitado
Security	VPN Point to point SHA-2
bluetooth-link	2.4 GHz radio, TX +8 dBm
detection sensor	Radar
detection height	0 a 80cm
Detection reliability	95%

COMPONENTS

Drums	4 lithium batteries 3.6V
Duration	Hasta 2 años
Envelope	IP67 JK10	PA6 GF35

INSTALATION AND MAINTENANCE

Facility	Screwed or glued
Maintenance	Not required
Updates	OTA / Bluetooth
Substitution	Easy change of batteries by unscrewing the base
Available colours	● ● ○ ● ● ●

Technical data subject to possible modifications without prior notice.

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