sotkon
waste systems

sotkis
intelligent systems

Simple and efficient.

Intelligent systems
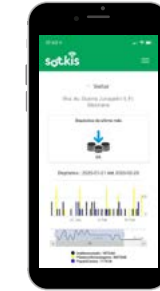
SOTKIS ACCESS

SOTKIS ACCESS

The SOTKIS Access module is the perfect solution for cities with or wishing to have PAYT (Pay-As-You-Throw) systems. The system collects information each time an access key is used and converts that data to valuable management information about who, when and what type of waste was deposited.

The data transfer can be made using the GSM network system or directly from the user smartphone using a Bluetooth connection. All the data is centralized and presented in an internet portal managed by the municipality or operating company.

RESÍDUOS ORGÂNICOS
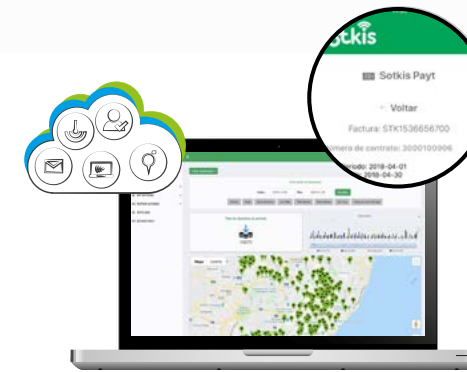
www.sotkis.com

PAYT
Pay as you throw

Mobile APP
Google play
App Store

Easy Integration

All the Sotkon intake columns can be prepared to receive the access control system.

Recycling Rates

With the control of the access and depositions, it is possible to reward correctly the users contributing to the increase of the recycling rates.

On-line Information

It's easy to program the access controls to send the information on pre-defined dates according to the specifications of each municipality or operating company.

Fairer waste Payment

With the control of the depositions, residents or users pay a tariff based on how much general waste they produce. It is understood as a fairer payment system.

Surface Systems

Semi underground Systems

Underground Systems

Access Technologies

The access for the waste disposal is granted using a smart key, smart card (RFID reading) or with a smartphone with Bluetooth.

.Smart Tag (RFID)

.Smart Card (RFID)

.Smartphone (Bluetooth)

Electro Mechanic Lock

It locks the lid of the intake column and thus restricts access to the waste container.

Electronic Box

Consists of the main electronic board and includes the batteries, GSM modules and the antennas.

Resíduos Indiferenciados

100% COMPATIBLE

.Underground systems	.Semi underground
.Compact systems	.Hydraulic systems

.Recycling containers	.Side loading containers
.Rear loading containers	

*Other applications on request.

sotkon
waste systems

Easy
to use

The user must be registered and gets an access key consisting of a Smart TAG, Smart CARD or smartphone Access app.
When the user presents the authorized access key to the access control, the lock will release the lid. The user can dispose the waste, close it back and it will lock again. Lost access keys or inappropriate users can be added to a blacklist folder and those keys will be automatically out of use.

The Sotkis access control registers each deposition to the timestamps. In regular intervals, or on request, the timestamps are transferred to the Sotkis dashboard via GSM network or using the mobile phone network.

All the detailed information is available in the Sotkis platform according to the profile of the user: managers, operators and citizens can have different parametrized information's showed.

PAYT
READY

PAYT
READY

Metal / Plastic

Organic Waste

sotkon

Domectic waste
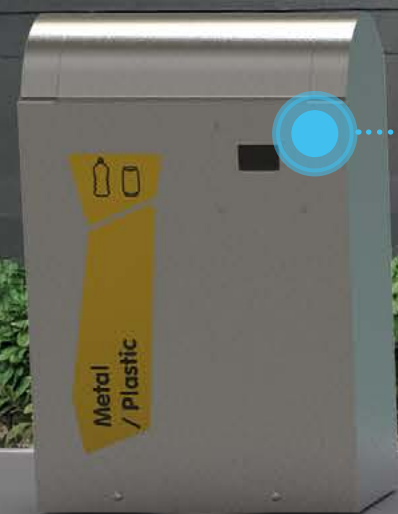
PAYT
Pay-As-You-Throw

PAYT is short for "pay-as-you-throw", a system in which residents are taxed by a rate based on how much waste they produce. Sotkon uses volume as unit of measurement to apply the PAYT system and depending on the type of intake column there are different volume restrictors available.

Using Sotkis platform, the local waste management company can check all accesses as well as manage the obtained data. The user's access data can be transferred to an external certified billing software. After price definition, the waste managing company is ready to invoice each user for the monthly refuse disposal.

Sotkon developed this tool that applies the PAYT principle, to stir consciousness and for a more just and responsible waste discarding.
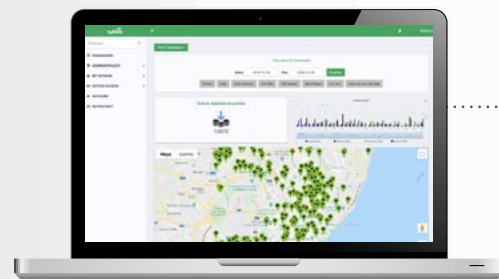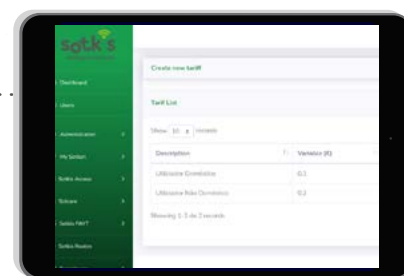
Sotkis Back office:

.Deposit reports
.User management
.Tariff definition
.User segmentation

Sotkis Front office:

.Deposit reports
.Detailed invoice
.Map with container location
.Report event

Sotkis APP:

.Deposit and invoices report per user
.Map with container location
.Report event

App Store
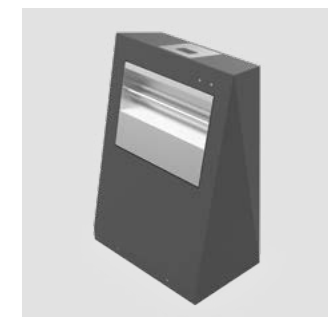Google play

Underground systems (Intake columns)

Ikon	Drop	Retro	Wido
Max	Orion	Diamond	Mika
Max Doble Drum			

Semi underground Systems

Surface Systems

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Find out more about
this equipment here!
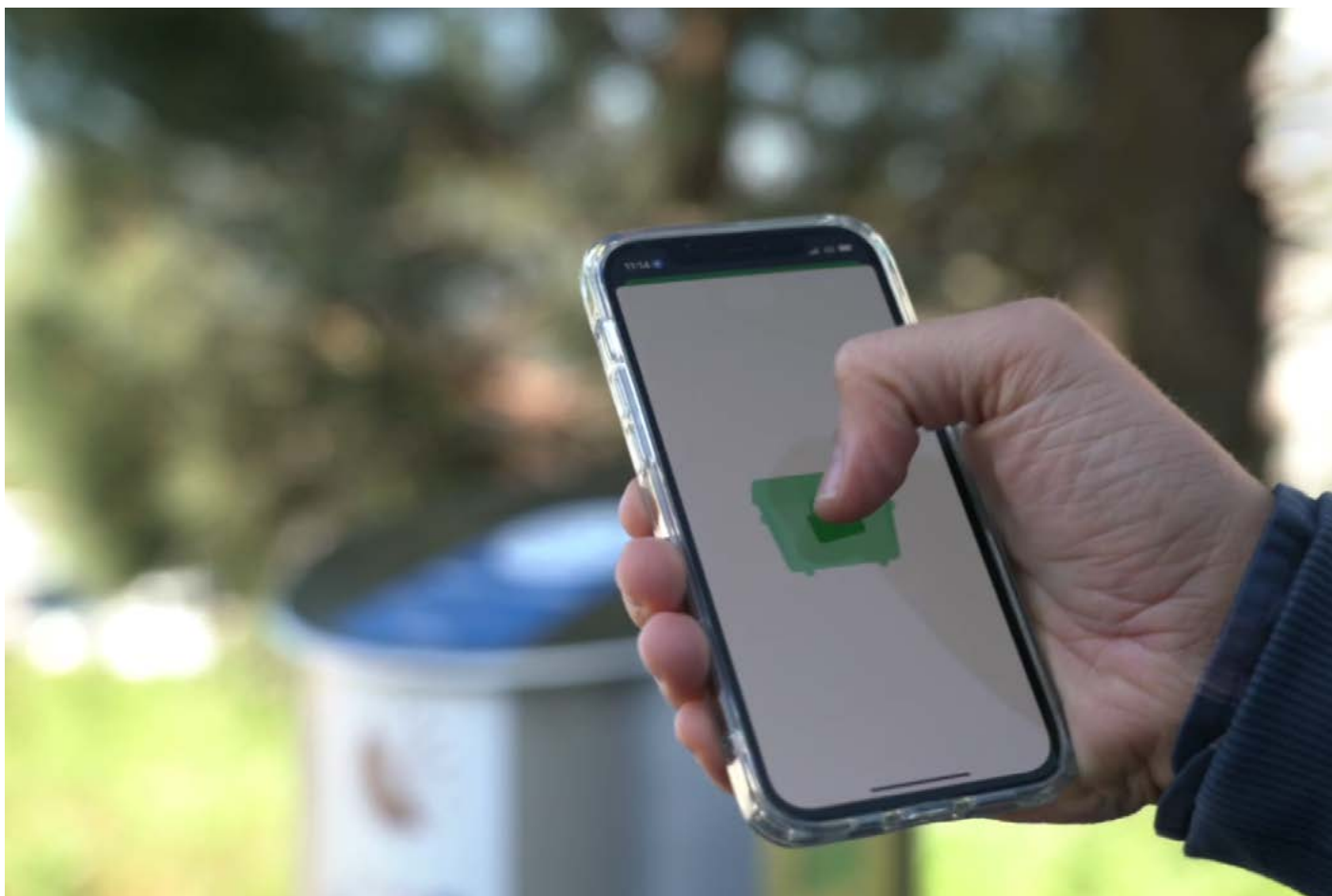
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