



Connect & Control

Smart solutions for circular communities

**Waste Management
Bulgaria 1 OOD**

Improved waste separation and optimal logistics

For generations on end, waste has been discarded; it has been put away as useless junk. But waste products which were not worth a penny in the past, are now considered precious resources.

Waste Vision is the leader in this circular revolution by encouraging councils, municipalities, civilians and businesses to separate waste, and to collect them as sustainably as possible.

That is how we take steps towards a society in which waste is not the end, but the beginning of something beautiful.



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We are fully committed to the latest information technology and provide digital insight into the world of waste management.

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Only give authorised users access to a container. Access with a card, mobile phone or SMART watch.

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Waste Vision's fill rate systems can be applied to any type of waste container, waste bin or storage tank.

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With Waste Vision's intelligent tracking system, you always know where your valuable non-powered assets are and what is happening to them.

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Our modular software platform - the Waste Vision Suite - is the heart of our services.

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About Waste Vision

Our beliefs

We believe that waste can make the world a better place. That is why we lead the way in the circular revolution.

We optimise opportunities, offered by new technologies, and support municipalities, companies and citizens with the transition of waste to resource.

Established in the Netherlands with a reach throughout the world we provide the best sensing technology for waste management challenges.



Working together

A new beginning, a second chance or a step up: with Waste Vision everyone has added value and you are given all the space to show your worth. We assure a pleasant and safe work environment.

On top of that, we encourage our doers and thinkers at all layers of the organisation to discover what they are good at. By putting our heads together in the workplaces, the offices and the field, we come up with smart solutions together, which we then perfectly put into practice.





More info

More sustainable through data

We are fully committed to the latest information technology and provide digital insight into the world of waste.

Based on data, we monitor and predict consumer behaviour, collections, maintenance, cleaning and replacement needs increasingly better.

This allows us to take proactive measures and work together smarter, more effectively and more efficiently.



Smart containers

Waste Vision constantly innovates and applies technology to make processes and products more efficient and sustainable.

From smart sensors to NFC-chips and from smartphone-apps to a data-driven software system; our solutions are plug & play, user-friendly and easy to scale.





**The leader of the
circular revolution**



More info

Plug, play & interact

Your partner for advice and implementation

Waste Vision controls every component.

We develop, produce, and implement software systems and IoT solutions.

By connecting all these components, we make the entire chain future-proof.

In The Netherlands, and far beyond.



Interact by lighting

Led lighting already informs the citizens of the fill rate of a container from a distance.

This way, we prevent citizens walking to the wrong containers unnecessarily which greatly reduces the amount of garbage bags placed next to the container.

Because of this smart solution, the number of misplaced garbage bags will be strongly reduced.



Access control

Improved waste separation through the use of access control systems

The system is a solution for reducing the amount of residual waste, to collect cleaner resources (such as organic waste, textiles, household packaging waste, paper and diapers), and to influence your users' behaviour.

Waste Vision offers access control systems which can be mounted on all types of waste containers, both below- and aboveground.

With years of experience and our own development and production department in The Netherlands, Waste Vision can come up with even smarter solutions to benefit improved waste separation.



Smart Reader

The smart reader is equipped with the latest network communication technology. The reader automatically chooses the strongest available network, so that the system keeps itself connected and operational continuously. It is accessed remotely for system updates.

Smart Lock

The sturdy electronic locks are designed with a smart system. They are produced after 25 years of practical experience in the most extreme circumstances. Several versions of the locks can be provided, so that they can be matched with every type of container, both with a drum as well as with a hatch.

Smart Detection

The access system detects situations like opening jams or when the container has been emptied. This information is sent immediately to the TardifWeb software system.

Smart Power

Our access and fill rate systems consume very little power. The containers are equipped with solar cells, to provide power to the battery.



More info

Fill rate systems

Improved waste separation through the use of access control systems

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3D Ultrasonic

The 3D fill rate system of Waste Vision uses 3 ultrasonic fill rate sensors, which is unique for the industry. 3D sensors provide the most reliable and accurate fill rate measurements.

The system can be used independently or it can be linked to the Waste Vision access control system.

Radar

Our radar fill rate system makes it possible for you to very accurately ascertain the fill rate of your bins, waste containers and storage tanks. It can do this regardless of the substance; whether fluid or solid.

The radar fill rate system is linked to the Route Vision software, so you can get the most out of this solution. You gain ground in terms of service, environment and efficiency!

Asset tracer

Your assets always in sight

With Waste Vision's intelligent tracking system, you always know where your valuable non-powered assets are and what is happening to them.

You simply place the Tracer on one of your assets. It is wireless and small, so all your non-powered resources now also become connected and traceable.



Your assets always in sight

Assets are valuable and should never get lost. With our intelligent tracking system, you are always sure of the location of your resources and their latest movements.

You simply place the Tracer on one of your assets. It is wireless and small, so all your non-powered resources now also become connected and traceable.

NFC-communication

Your mobile app is always in contact with your Tracer by means of standard NFC-communication. That enables communication in both directions and allows you to commission your asset on site. Information with regards to tests, inspections and maintenance, can be saved to the Tracer.

A self-contained system

The autonomous system is intelligent. It starts working from the moment it is linked to your valuable asset. Because of the fully automatic installation protocols, the Tracer configures and monitors itself for correct operation.

Waste Vision Software suite

Our modular software platform - the Waste Vision Suite -
is at the heart of our services.



TardifWeb

Improved waste separation by influencing behaviour

Many cities and municipalities struggle to achieve the desired results in terms of waste separation. Assets are often not fully visible and users exhibit undesirable behaviour by placing (oversized) waste next to containers.

This results in extra services to be carried out. The TardifWeb software from the Waste Vision Suite is the solution for managing your assets and control systems, to detect misplaced waste and remedy it.



In direct contact with the user

With our smart systems you are in direct contact with the user. That enables you to positively influence their behaviour.

By means of a mobile application for opening the container, you provide the user with information.

Fill rate lighting shows your user if a container is available, and with waste misplacement detection you influence bad behaviour.

Route Vision

The route to sustainable waste

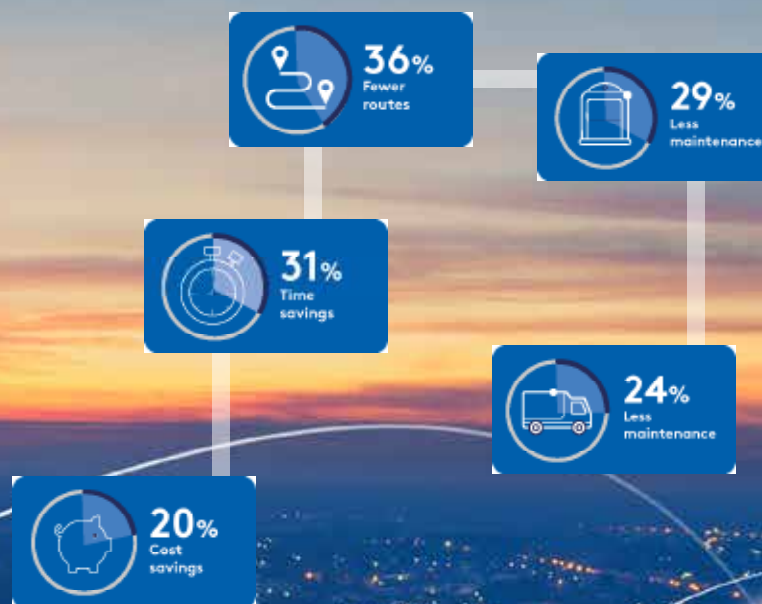
In many cities and municipalities waste collection vehicles still take the same old route. Due to lack of knowledge and technology, waste collection is done with a set frequency.

In real life this means emptying overflowing or almost empty containers, with a low level of service and unnecessary mileage as a result.

With Route Vision this waste of time, manpower and equipment disappears!

On top of that, schedules regularly need to be adjusted manually, because of urgencies, for example, or because maintenance work getting in the way.

With Route Vision, all this wasted effort will soon be a thing of the past.



Collect only when necessary

With our smart systems you can collect waste much more efficiently. A key role is played by containers with online sensors, which give a signal when they need emptying. Based on almost-full alerts an algorithm plans the most efficient collection routes. These are sent automatically to the on-board computers of the collection vehicles. This way, the vehicles never travel one mile too far and discard empty and half-empty containers.

New insights through data

Apart from the important fill rate data, we record other useful information during waste collection as well. With our Route Vision software, you can see exactly how much time employees will need per location, how full the vehicles are as well as the exact location of these vehicles at that time. You can use this accurate and real-time data to find bottlenecks in your processes and to streamline them. Route Vision can be linked to every ERP-package, which is an added bonus.

Doing well

Corporate social responsibility is hard work, and we love it. Through our constant commitment to exceed expectations in terms of safety, quality and sustainability, we have earned several certificates.

ISO 9001

ISO 14001

ISO 27001

VCA**

TÜV Product certificate EN 13071-1,2 & 3



More info

Worldwide

Our vision of circular waste collection is universal and not limited by borders. We contribute to clean streets and well-separated waste in the Netherlands, Germany, Switzerland, Belgium, United Kingdom, Lithuania, Czech Republic, Portugal, France, Denmark, Norway, Sweden, Iceland and Canada. Since 2025, we are represented in Bulgaria by our partner Waste Management Bulgaria 1.



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We close
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