

EcoVend™

WELCOME TO REVERSE VENDING



08700 777 555

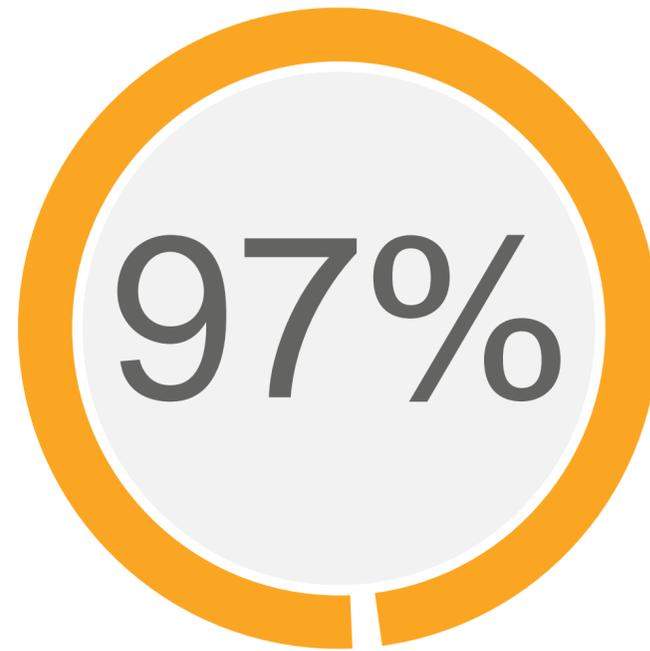


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REVERSE VENDING IS HUGE SUCCESSFUL



EUROPEAN SUCCESS

Norway, Germany, Croatia, Estonia, Sweden and Finland already have effective bottle deposit return schemes in place with up to 97% of waste recycled. Lithuania has managed to achieve a **93% return rate in just three years.**



STATESIDE SUCCESS

In the US, at least eight states have statistics showing that due to a deposit scheme, beverage-related litter has been **reduced by around 70 to 84%.**



UK SUCCESS

In November 2018 Iceland reported a daily average of **2,583 bottles recycled** through reverse vending machines across **five trial sites**, with an average of **£250 in coupons refunded per day.**

WHAT IS A REVERSE VENDING MACHINE?

An EcoVend reverse vending machine or RVM is a recycling device with integrated technology that accepts used (empty) beverage containers in return for a monetary or non monetary reward – these can be for example vouchers, discounts or even charitable donations.

Our machines provide an automated function that collects, sorts, compacts and stores bottles and cans. This provides a simple and effective solution to beverage container waste.

HOW ARE REVERSE VENDING MACHINES BEING USED?

RVMs have gained significant popularity in the last five years. Impressive levels of user engagement across Europe has led to up to 97% beverage container recycling in some countries.

Reverse vending is particularly popular in places that have mandatory recycling laws or container deposit legislation.

The UK government has recently announced plans for a national deposit return scheme which will begin in 2020-21.

HOW DO REVERSE VENDING MACHINES WORK?

REVERSE VENDING, AS SIMPLE AS 1, 2, 3



1. Load empty beverage containers into the chute.



2. The barcode is scanned and the product is weighed and processed.



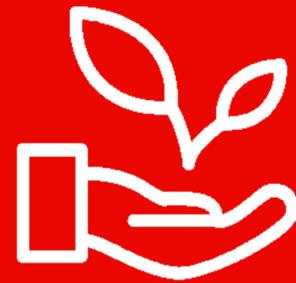
3. The machine issues a reward voucher or an electronic credit.



WHY CHOOSE REVERSE VENDING?



Help save the planet for generations to come



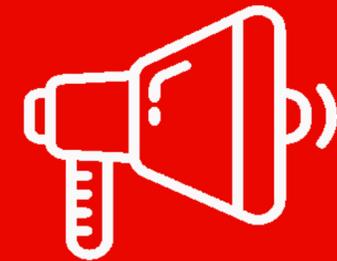
Supports Corporate Social Responsibility



Attract and Engage with Customers



It's good business sense



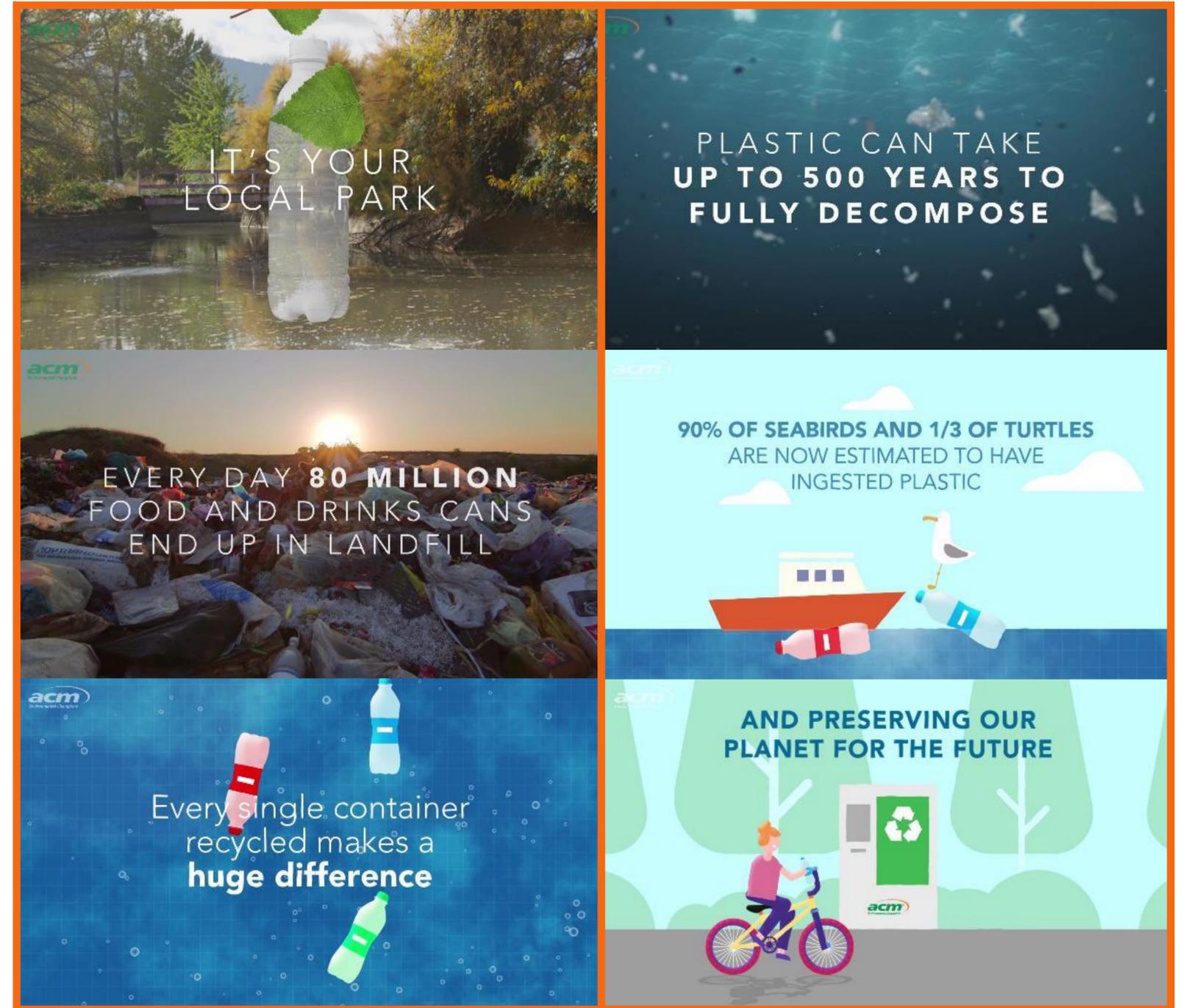
Enjoy an additional revenue stream

ENGAGING WITH THE CUSTOMER

Whilst Reverse vending has an impressive proven track record with customer take up lets explore why this modern means of recycling is making the world think greener.

- With conveniently located RV machines it's a quick and easy way to recycle 'on the go'.
- It's fast and clean which motivates repeated use in combination with the instant reward.
- Not only are customers instantly rewarded for their efforts with a voucher, payment or charity donation they'll also benefit from the satisfaction of knowing their bottle will go on to have many lives.
- With less plastic on our streets everyone benefits from a cleaner environment.

Our audio visual video campaign is designed to engage, educate and influence the perception of waste and encourage accountability and positive motivation. These videos are supplied with each AV machine and can be easily customised to accommodate the buyers desired messaging.



SOCIAL AND ENVIRONMENTAL BENEFITS



1. Maximizes the commodity value of each recyclable material, as the containers are sorted by material type.
2. As each container material is cleanly segregated so they can be recycled back into new containers, thus closing the material loop and avoiding the environmental impact of 'down-cycling'.
3. Decreases transportation as the material is sorted and compacted on site, optimising payloads.
4. The implementation of a Deposit Return Scheme in the UK has been predicted to create 3,000 to 4,500 new full-time jobs.

COST: RV MACHINES VS RECYCLING BINS?

RECYCLING BINS ARE ONLY AS EFFECTIVE AS THE PEOPLE THAT USE THEM.

Unfortunately all too often waste is not segregated correctly into bins which means they are collected as general waste at a far higher cost..

RECYCLING BINS ARE SURPRISINGLY EXPENSIVE.

This is because the recyclables are co-mingled and uncompacted. This results in more collections and intensive sorting at pre-treatment facilities. These costs are passed through to the waste producer in the form of high bin emptying costs.

RVMS ARE A COST EFFECTIVE SOLUTION

There are no bin rental or bin emptying costs associated with our RVMs, therefore recycling the compacted segregated materials is usually cost neutral. In many cases the client will actually benefit financially due to the inherent commodity value of each material once they have been consolidated and efficiently recycled. These operational cost savings can potentially cover the outlay of the machine with a highly attractive return on investment.

MAIN FEATURES

- Conveniently stores up to up to 600 bottles and 1,000 cans
- High impact advertising on Audio-Visual screen (up to 65"), light box panels on the sides and optional complete wrap
- User Reward technology
- Barcode and weight sensors for intelligent depository recognition and acceptance or rejection of each input
- Automatic container sorting and compaction into split chambers
- Reads container barcodes enabling detailed management reporting for macro and micro analysis
- Supports CSR and ISO14001
- Both Onsite & Remote maintenance and servicing

REVERSE VENDING MACHINES ARE IDEAL FOR:

Shopping & Leisure Centres
Schools & Universities
Hospitals
Corporate Environments
And Many More locations

REDUCE WASTE
MANAGEMENT
COSTS BY UP TO

40%



EcoVend™

SPECIFICATIONS

MODEL: EcoVend RVM 100 / 200

LOCATION: internal or external (under cover)

DIMENSIONS: RVM 100 1850 (H) x 650 (W) x 850mm (D)

RVM 200 1850 (H) x 850 (W) x 850mm (D)

TOUCH SCREEN: simple and intuitive user operation

REWARD SYSTEM: paper token (electronic / app system pending)

MATERIAL TYPES: plastic bottles & aluminium cans (glass - pending)

CAPACITY: RVM 100 - 200 bottles or 300 cans (single chamber for a single material or two materials co-mingled)

RVM 200 - 250 bottles and 350 cans (segregated)

AUTOMATION: barcode and weight sensors to accept only empty beverage containers automatically verified against the EcoVend database of 60,000 legitimate barcodes

MAX CONTAINER SIZE: 3 litres

MATERIAL SORTING &

COMPACTION: two integral compactor units, one for each material type

OUTPUTS: segregated materials compacted into split chambers – (models RVM 200 and 300 only) - cleanest loop recycling

REPORTING: full description of each container for macro or micro analysis

POWER SUPPLY: 13 amp

PRODUCTIVITY: 22 units per min

IP RATING: IP53



EcoVend™

SPECIFICATIONS

MODEL: EcoVend RVM 400

LOCATION: internal or external (under cover)
DIMENSIONS: 1900 (H) x 1270 (W) x 1020mm (D) (smaller footprint versions available)
A/V SCREEN SIZE: 1x audio visual 55in

TOUCH SCREEN: simple and intuitive user operation
REWARD SYSTEM: paper token (electronic / app system pending)
MATERIAL TYPES: plastic bottles & aluminium cans (glass - pending)
CAPACITY: 500 bottles and 700 cans (segregated)
AUTOMATION: barcode and weight sensors to accept only empty beverage containers automatically verified against the EcoVend database of 60,000 legitimate barcodes
MAX CONTAINER SIZE: 3 litres
MATERIAL SORTING & COMPACTION: two integral compactor units, one for each material type
OUTPUTS: segregated materials compacted into split chambers – cleanest loop recycling
REPORTING: full description of each container for macro or micro analysis

POWER SUPPLY: 13 amp
PRODUCTIVITY: 30 units per min
IP RATING: IP40



SPECIFICATIONS

MODEL: EcoVend RVM 500

ALL VALUES AS PER RVM 400 EXCEPT:

DIMENSIONS: 2000 (H) x 1100 (W) x 1050mm (D)

A/V SCREEN (SIDE MOUNT): 2x 65in Audio Visual screens

TOUCH SCREEN (FRONT): 1x 32in intuitive user screen

CAPACITY: 600 bottles and 1000 cans



MARKETING & BRANDING REVENUE

Our Ecovend RVMs come with their own **integrated advertising space** with up to **65 inch audio-visual screens** and **light box panels** on both sides of the machine to generate **instant revenue** from branding and advertising.

Our audio-visual enabled RVMs are supplied with **emotive videos** to help you **engage with users**.

We also provide marketing packs to help you optimise your advertising space.



LARGE INTEGRAL
AUDIO-VIDEO SCREEN
AND LIGHT BOX PANELS
FOR **INSTANT REVENUE**
FROM **BRANDING AND**
ADVERTISING

WHO ARE WE?

EcoVend is part of the well established ACM Group. We offer innovative reverse vending machines that can fulfil a variety of applications. Our aim is to reduce plastic pollution in our environment with a range of products that generate an attractive return on investment.

WHAT CAN YOU EXPECT FROM US ?

High performance modern technology supported by nationwide after sales back-up.

CONTACT

Get in touch if you'd like to book an RVM demo or simply wish to find out more.

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