



RECYCLEYE

**Your next  
innovation  
Sorted.**



**QuantiSort 2.0<sup>®</sup>**

# Enhanced Design for Modern Waste Streams.

## QuantiSort® 2.0

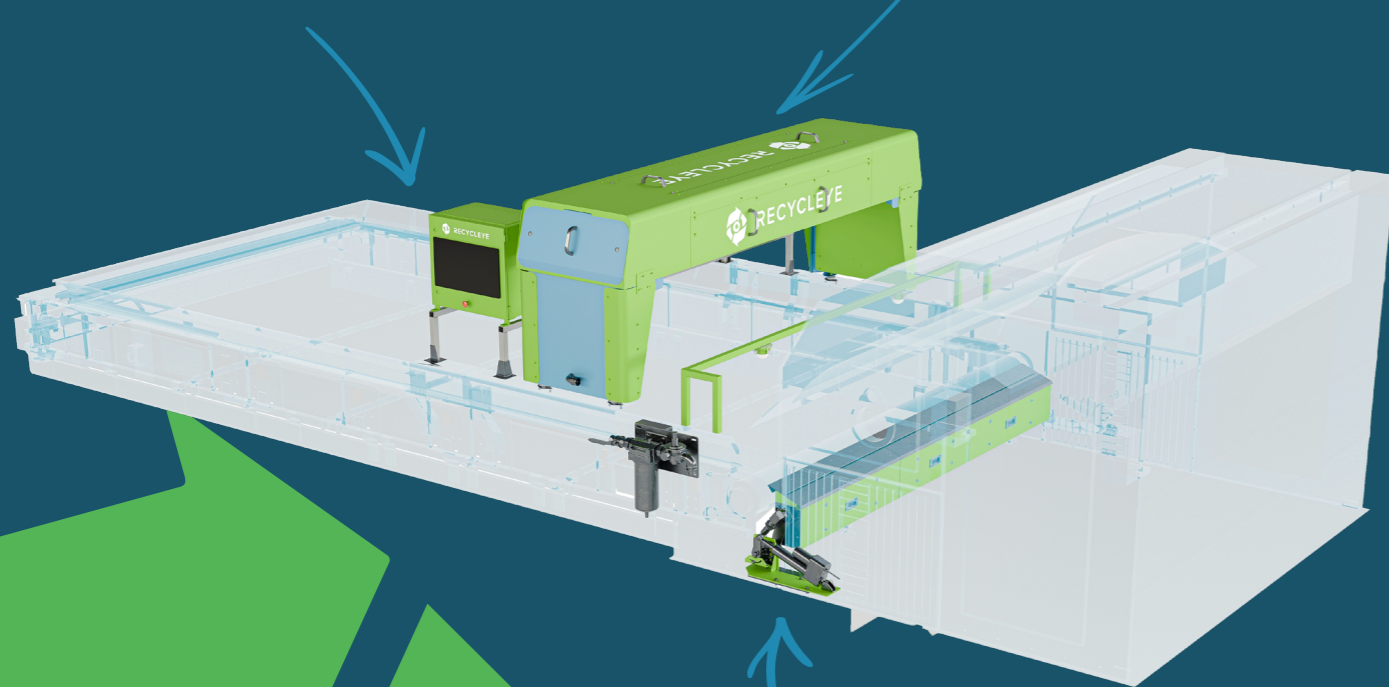
The result of 7+ years of research and development, powered by AI trained on billions of waste images, enabling smarter decisions and higher sorting accuracy.

High Speed Bulk Sorting | Up to 1000 ejections per minute

Up to 4.5m/s belt speed | Binary sort into 2 categories

See Clearly with New Sensing Module

Take Control of Your Sorts



Eject with Precision



## Sensing Module

### Low maintenance

Robust high resolution RGB cameras  
High intensity and long duration LED bars

### High performance

Ultra high resolution  
Low energy consumption

### Resilient to



Dust



Chevrons



Moisture



Ambient light changes



## Control Panel

### One configuration. Multiple sorts.

Sort different materials using the same hardware - simply change the recipe.

### Flexible control

User levels from simple on/off operation to full recipe adjustments.

### Modern & intuitive

Clean interface with streamlined navigation.

### Compact design

Easy integration alongside the sorter

# Ejection System with VBPS and SpiralShield® Technology

## Precision compact design

Nozzles positioned closer to the end of the acceleration belt for maximum accuracy and minimal collateral ejection.

## More power, less consumption

The innovative SpiralShield® valve assembly delivers stronger ejection while reducing air use built to perform in harsh environments and cope with dust and moisture.

## Fast cleaning & maintenance

Automated positioning as standard enables quicker cleaning cycles and simpler maintenance rounds.



Introducing  
**SpiralShield®**

- ▶ Increased Injection Power
- ▶ Low Air Consumption
- ▶ Easy Maintenance

## Adaptive eject size

Dynamic adjustment of the ejection pattern based on the presence of surrounding objects.

## Ejection suppression feature

Option to prioritise purity or recovery by deciding whether to eject or not if risk of collateral is too high.

# AI Built to See Your Waste Stream

Scan to see our sorts



Computer vision uses a camera fortified with machine learning algorithms to scan each item on the belt. Items are identified based on visual features, learnt from a dataset of millions of waste images.

## Dry Mixed Recyclables

Unprecedented granularities

Sorted and detected:

- Food grade PET vs non food grade PET
- Aluminium foil vs aluminium aerosol
- LDPE film vs LLDPE film
- and more



## Construction and Demolition

Unprecedented granularities

Sorted and detected:

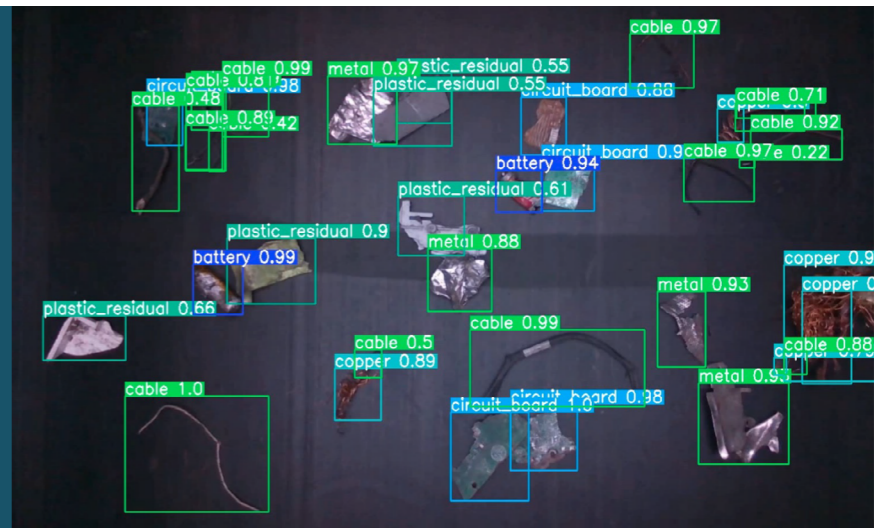
- Treated vs untreated wood
- Brown brick vs brown stone
- Black plastic vs black rubber
- and more

## WEEE and Metals

Unprecedented granularities

Sorted and detected:

- Zorba extraction
- Gold vs brass
- Battery removal
- and more

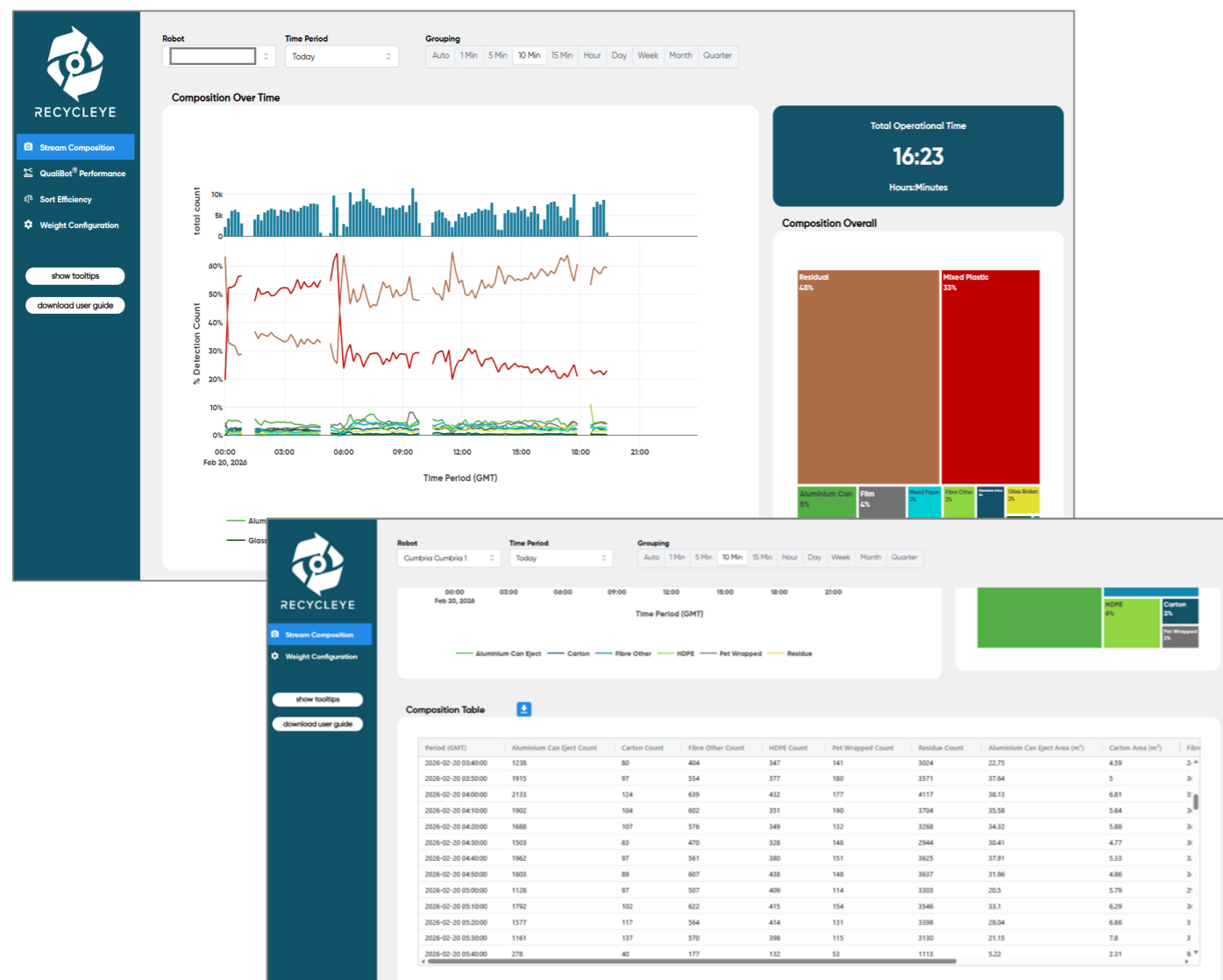


# Get more visibility of your stream

## Access your data

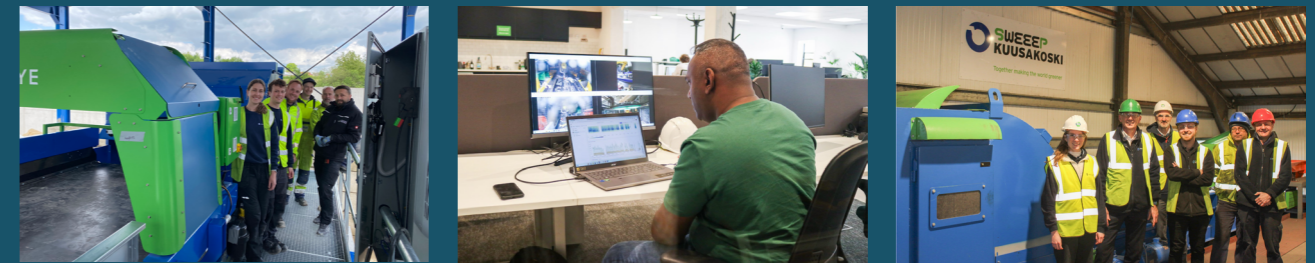
Recycleye's online dashboard provides trends on the:

- Compositional analysis of your line(s)
- Monitoring the unit(s) performance
- Plant running time.
- Custom time range analysis per min, per hour, per week, per month, per specific time range
- Exports to Excel, csv files available for detailed analysis
- Accessible anywhere



# Recycleye Care

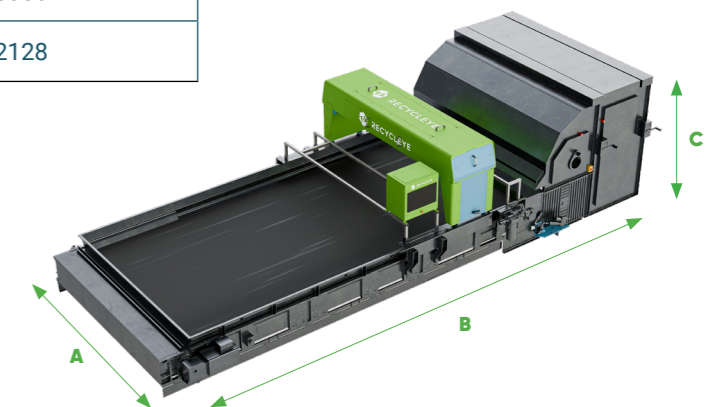
1. Proactive remote monitoring of your unit
2. Recycleye Trend performance insights dashboard
3. Annual routine preventative maintenance visits
4. Expert maintenance engineers on-call for remote & in person support
5. Recycleye Care platform for spare part orders & tracking support requests
6. Comprehensive training sessions for your team & extended warranties



# Configured to fit your stream

Dimensions (approx) in mm	QS2.0/1200	QS2.0/2000	QS2.0/2800
A	1200	2000	2800
B	8306	8306	8306
C	2128	2128	2128

Pneumatic Connections	
Compressed air quality	ISO 8573-1: class 3.4.4
Operating pressure (bar)	3 to 8
Pneumatic connection (inch)	1.5
Options and Variants	
Personalise configurations	Split belt configuration, standard and high resolution options, valve configurations depending on application.



**Trusted by partners worldwide.**



**cireco**



**urbaser**

### **Proven Performance**

With over 55 systems deployed worldwide, including QuantiSort® 1.0 and QualiBot®, Recycleye delivers trusted AI sorting solutions for high-volume waste streams.

### **Engineering + AI Expertise**

Our engineering know-how combined with advanced AI creates reliable, high-performance systems built for real operational environments.

### **Quality You Can Rely On**

Solutions designed around your waste stream to maximise recovery, efficiency, and value.



**RECYCLEYE**

11-15 Gibbins Road, London, E15 2HU, United Kingdom

**E:** [hello@recycleye.com](mailto:hello@recycleye.com) **W:** [recycleye.com](https://www.recycleye.com)