

Your WEEE materials.

Al-powered sorting, transforming economics for recyclers.

Recycleye.com See the potential

Your challenges.



Labour

Cost & turnover Low material recovery Health & safety



Current machines

Imperfect recoveries Imperfect purities Incapable of some sorts



Compliance

Purity requirements Battery removal Sampling visibility

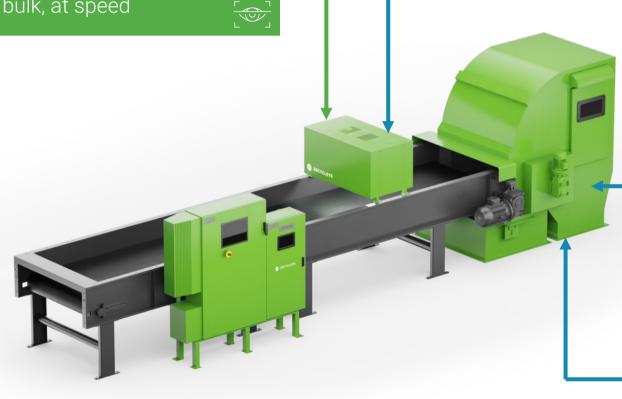


QuantiSort®: Al optical sorter for WEEE.

Become omniscient with proprietary computer vision Identify & track your material composition to unprecedented granularity in bulk, at speed







UltraResolution® sensor Accurate detection of items as small as 5mm

HyperPrecision® nozzle bar Powerful, targeted ejection of miniscule fragments

Trusted pneumatic hardware supplied by MSS, deployer of 500+ optical sorters

A world-first innovation for your facility



Your margin. Sorted.

Increase your revenue

- Increase recovery
- Increase purity
- Sort the unsortable (e.g. batteries, capacitors, copper armatures)

Decrease your costs

- Slash manual picking spend (salaries, turnover, H&S risk)
- Automate 100% sampling coverage of your stream
- Comply with new regulations (e.g. batteries)



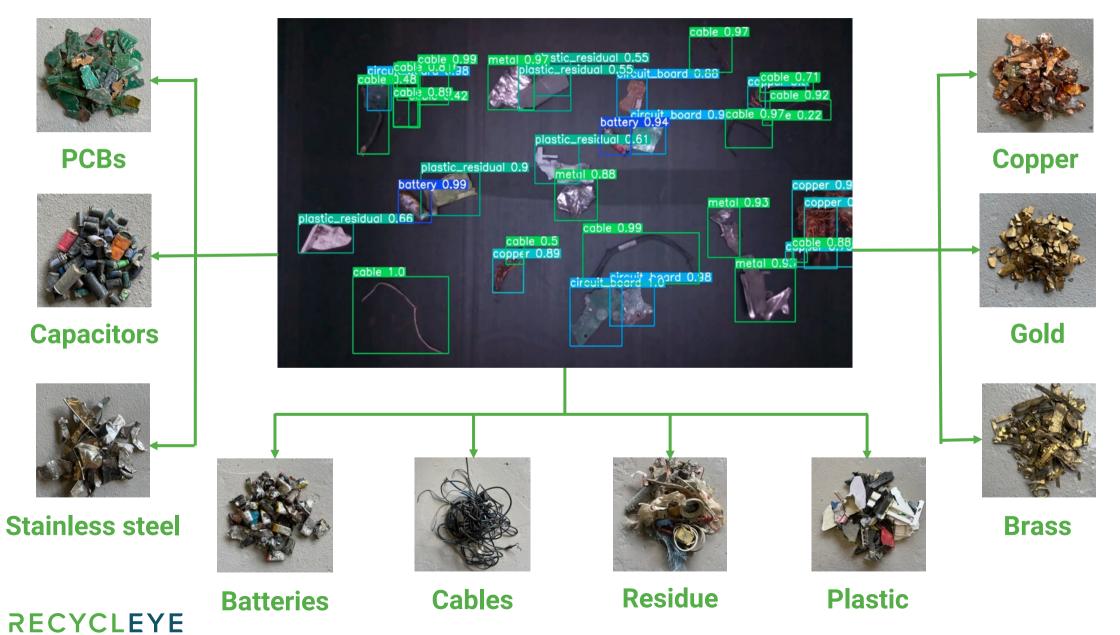
Become omniscient with QuantiSort®.



Bolster the purity, efficiency & visibility of your streams simultaneously.

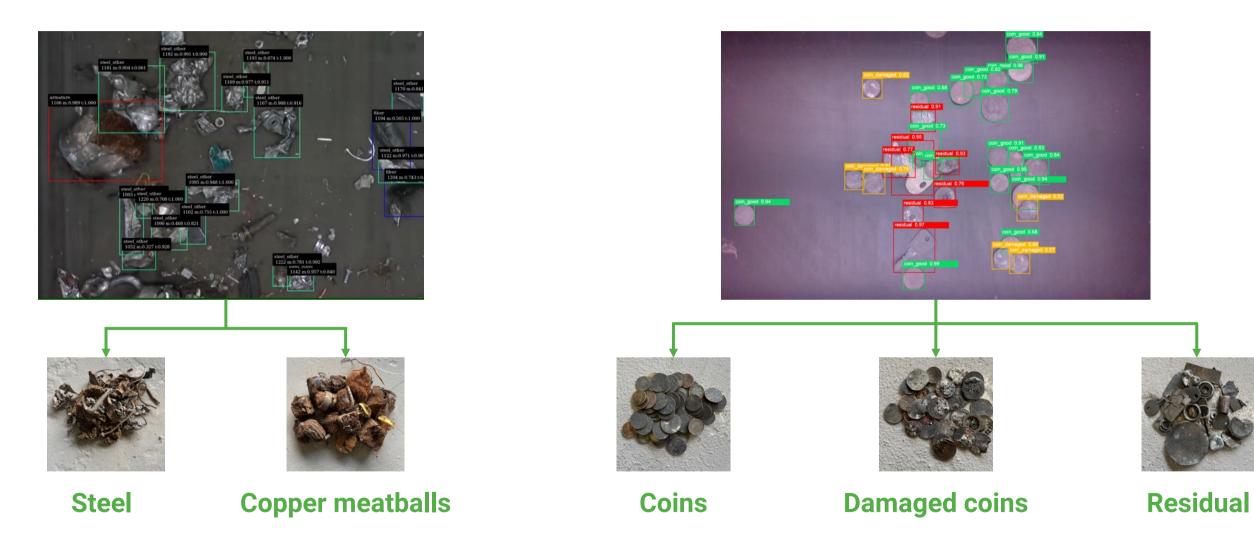


WEEE: detected by AI.



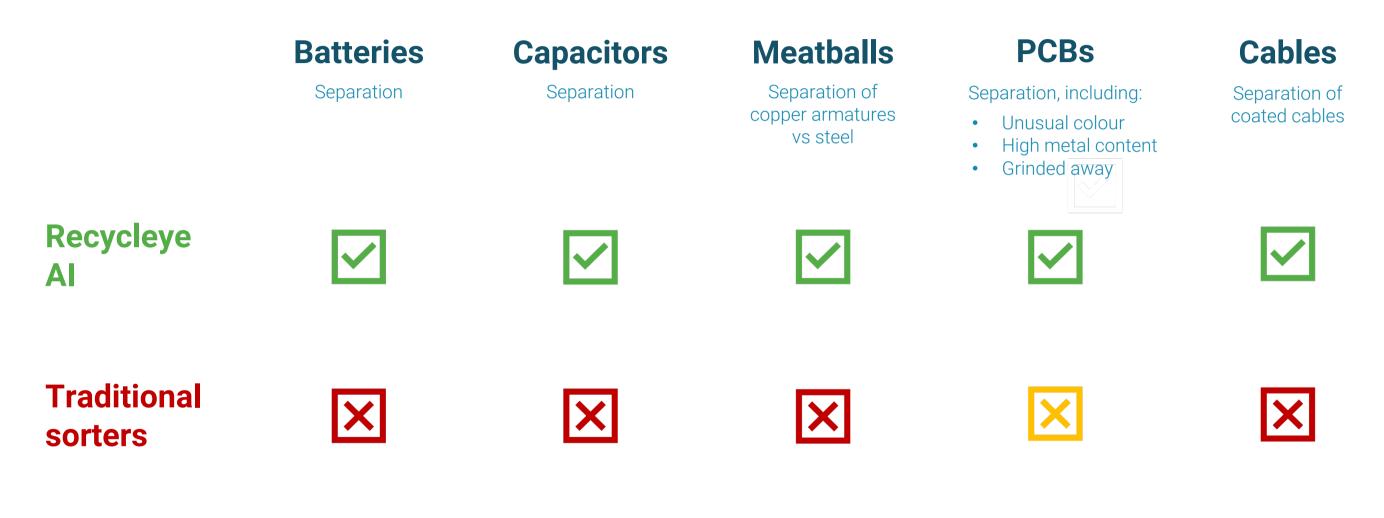
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Metals: detected by Al.





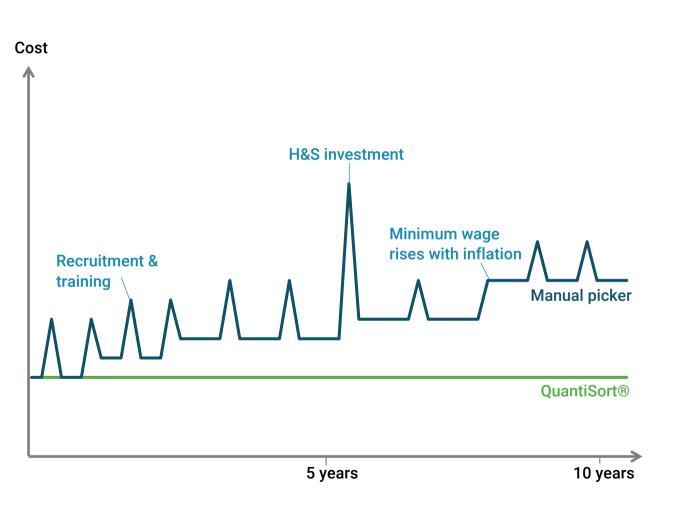
New WEEE capabilities. Sorted.

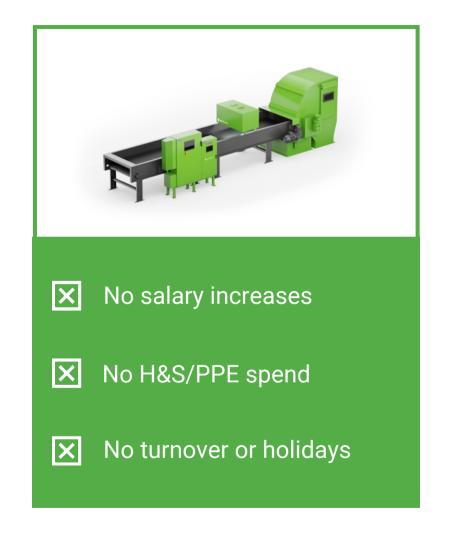




Clear business benefits. Sorted.

Consistently lower costs







Clear business benefits. Sorted.

Consistently higher revenue



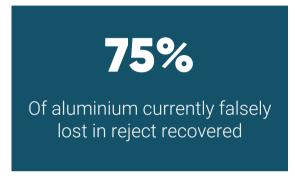


Contamination fees



Capped value on mixed stream

Higher recovery



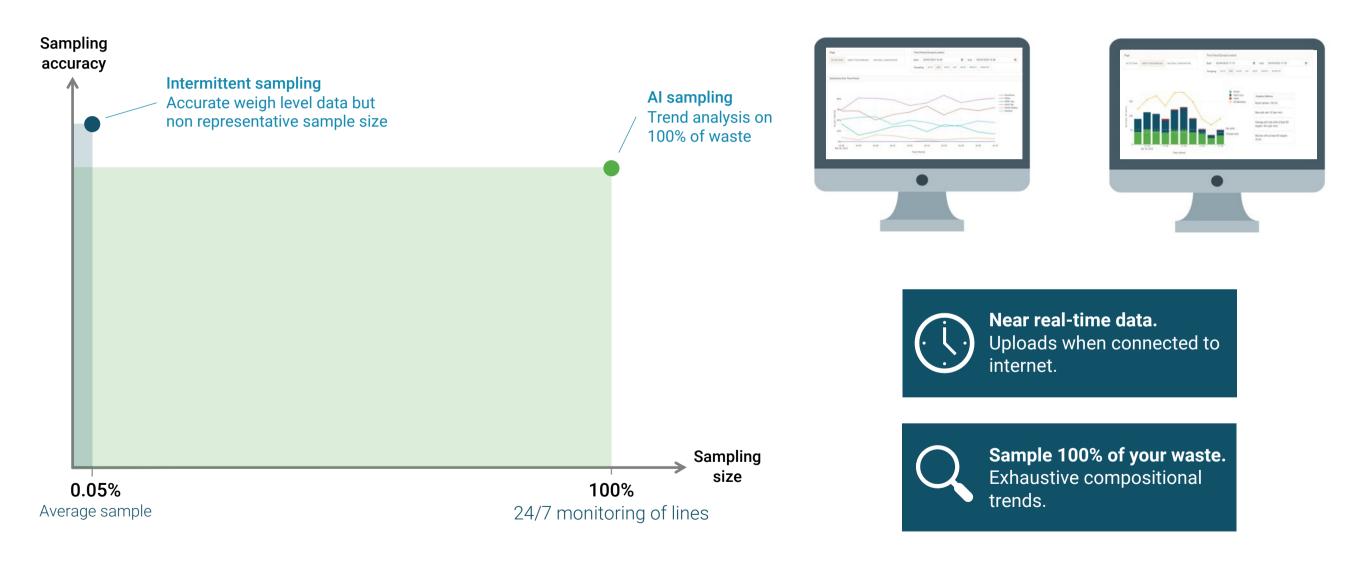
Higher purity



Value increase from 94% to 97% aluminium purity



Visibility of your stream. Sorted.





Trusted by WEEE recyclers.

"This innovation will increase the value of our material output through additional purity, and safeguard our staff and facilities due to the 24/7 battery detection."

Barry Walker, CEO, SWEEEP Kuusakoski

Challenge: Batteries present. Low revenue from mixed stream of PCBs, steel, cables & plastics.

Ejecting: batteries, aluminium, stainless, ferrous metals, plastic and plastic/metal bi materials.

Keeping: brass, copper, circuit board.

Solution: Automated removal of batteries hitting regulation requirements.

Increased revenue by separating PCBs, copper & cables from plastics & residue.







Watch QuantiSort® in action at SWEEEP here



Industry-leading case studies.

Challenge

Customer 2

ZORBA stream left with too many grinded PCBs post existing optical NIR/color sort, hence wasn't meeting PoPs content regulation. Also, many silver-plated copper pieces.





Solution

Automated removal of all remaining PCBs (including some that are highly grinded down), residue and copper (including silver plated)



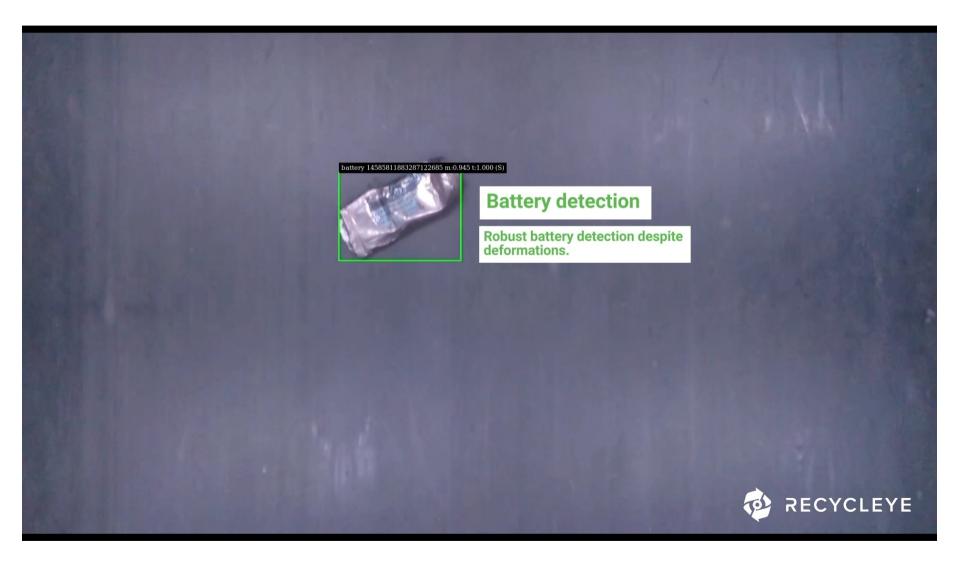
Solution

Detection & removal of capacitors by AI





Al in action on WEEE.





Click here to watch

Reliable support with Recycleye Care.



Proactive remote monitoring of your unit





Expert maintenance engineers on-call for remote & in person support





Recycleye Trend performance insights dashboard



Find help and services	Q
	lecycleye Support, selecting from the options
provided.	lecycleye Support, selecting from the options
Velconel Please submit your request for support or a spare part using if provided.	lecycleye Support, selecting from the options

Recycleye Care platform for spare part orders & tracking support requests



Annual routine preventative maintenance visits





Comprehensive training sessions for your team & extended warranties

Who we are.

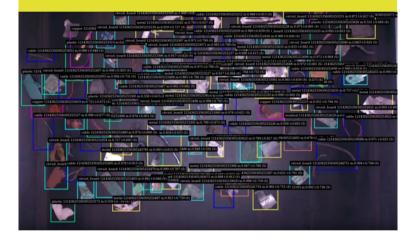


A team of expert pioneers.

8 countries installed.

UK-based.

1.6 billion images compiled.





45+ systems installed.







Stay ahead of your competition.



Our Technical Sales Manager in your area will visit you to conduct a free site audit

You will receive a report evaluating the potential of each of your lines for automation

Once we have selected the best applications together, you will be presented with a detailed technical proposal

partnership

Sign on the dotted line & get ready for project kick off!



Your next innovation. Sorted.

hello@recycleye.com

Recycleye.com **See the potential.**

