



► More than an AI product: an AI waste analytics partner

In the dynamic waste management industry, where material composition changes constantly and market needs shift daily, the Greyparrot Analyzer stands out. It provides real-time, comprehensive waste flow analysis, unlike typical AI systems limited to specific sorting stages. By enhancing facility performance and enabling data-driven decisions, the Analyzer maximises current infrastructure efficiency and informs strategic upgrades.

► What you can do with Greyparrot Analyzer:



Measure waste composition in more detail

Trained on one of the world's largest and most diverse/detailed waste datasets, Analyzer recognises more materials than other AI waste recognition systems, at more stages of the sorting process:



Facility-wide performance monitoring

Most AI waste recognition systems work with specific machinery, limited to improving pick rates and reporting on individual sorting lines. Greyparrot Analyzer is the waste sector's only analytics-first AI system, providing a full picture of facility performance instead of a snapshot:

Greyparrot

- ✓ Trained on hundreds of millions of images, gathered from 50+ facilities in 20+ countries.
- ✓ A recognition library of 89 distinct types of municipal waste, and counting.
- ✓ Designed for cross-facility composition analysis, machinery integrations, loss monitoring and more.

Our leading competitors

- Training data gathered from sorting lines predominantly in one region.
- A recognition library of 50 categories or less.
- Designed to provide coordinates to sorting robots or other sorting machines, and improve pick rates.

Greyparrot

- ✓ Retrofittable monitoring units installed throughout the recovery facility.
- ✓ A facility-wide view of performance, including running mass balance.
- ✓ Unlocks further automation by integrating with machinery and software, regardless of brand.

Our leading competitors

- Large robotics or other sorting equipment that require major infrastructure adjustments.
- Performance data limited to sorting lines, without running mass balance.
- Integrations with AI limited to few select machines and partners.



Translate data into action

The Greyparrot Analyzer portal is where industry-first dashboards turn raw data into actionable steps that improve yield, reduce value loss, and maximise facility profits:

Greyparrot

- ✓ The only system that can track running mass balance from infeed to output and residue on a single screen.
- ✓ The industry's most detailed purity alerting system based on live material composition.
- ✓ Video stream of the AI live recognition on display.
- ✓ Schedule data exports and summary reports to email automatically.
- ✓ Ability to integrate data to existing reporting platforms like PowerBI.

Our leading competitors

- Displays information on isolated units and streams across different dashboards.
- Alerts features based on less detailed composition data.
- No view to show the AI live recognition on each stream.
- Manual exporting of raw data.
- No capability to integrate data feed into third party systems.



Embed waste data in your new and existing assets

Greyparrot is the waste sector's most collaborative AI waste analytics provider. Our Sync integrations can improve the performance of your existing tools, and unlock opportunities for fully-automated sorting as you adopt new ones:

Greyparrot

- ✓ Non-exclusive arrangement - Open to integration with any partner.
- ✓ Embeds data in third-party machinery and software through an open API.
- ✓ Collaborates with fellow waste innovators to create industry-first 'smart' tools.

Our leading competitors

- Limits integration to proprietary hardware and software or select few exclusive partners.
- A closed integration system.
- Innovation limited to internal teams.

► Beyond AI products: Your operational partner

Industry expertise

Led by data experts with experience at Veolia and Suez we understand how your business works, and where AI fits in.

Distribution partners across North America and Europe mean we can offer unparalleled on-the-ground support where needed.

Sector-led innovation

Analyzer was built alongside real waste companies, and developed in real-world facilities — not a lab.

We've partnered with plant builders, machinery manufacturers, software developers and more to further automate resource recovery, and evolve alongside our customers' needs.

► Our customers

Analyzer is transforming waste management operations in over 20 countries and counting:



► Our partners

We're backed by the world's largest plant builders, and most exciting innovators:

