

> Case Study



KS ENVIRONMENTAL:

Turning Food Waste into Food Nutrients: A Partnership That Delivers

CUSTOMER PROFILE

Business: KS Environmental

Location: Dingley, Victoria

Industry: End-to-end commercial waste management & recycling

Scale: Proudly servicing +3,000 customers

Founded: Australian-owned and family run since 1967

Team: ~150 staff



ABOUT KS ENVIRONMENTAL

KS Environmental is a Melbourne-based, family-owned waste management company with over 50 years of experience delivering reliable commercial waste and recycling services. Operating exclusively across the Melbourne metropolitan area, the business supports thousands of customers with end-to-end solutions including general waste, recycling and dedicated food waste collection. With a strong focus on sustainability, KS Environmental helps businesses divert organic waste from landfill by collecting and supplying food waste for processing into high-quality compost and soil products.

THE CHALLENGE

Commercial food waste generators and collectors across Melbourne face increasing pressure to divert organic waste from landfill, reduce contamination, and demonstrate genuine sustainability outcomes.

For KS Environmental, the challenge was twofold:

- Securing a reliable, high-capacity processing partner for growing volumes of food waste
- Ensuring collected material was transformed into a high-value, verifiable end product - not simply diverted without purpose.

At the same time, traditional disposal pathways continue to drive cost, risk, and missed opportunities for nutrient recovery.



THE VALORIZA SOLUTION

Valoriza partners with KS Environmental to provide a dedicated, end-to-end processing solution for commercial food waste.

Through its advanced FOGO processing capability, Valoriza:

- Accepts source-separated food waste at scale
- Applies controlled, pasteurised composting processes
- Produces a quality-assured, nutrient-rich soil conditioner.

This partnership ensures that food waste collected by KS Environmental is fully recovered and returned to productive use, rather than lost to landfill or lower-value outcomes.

A SAFER ALTERNATIVE TO TRADITIONAL INPUTS

Valoriza's soil conditioner provides a consistent, controlled alternative to traditional organic inputs such as raw manures.

Compared to untreated inputs, Valoriza's product:

- Is pasteurised, reducing pathogens and contaminants
- Minimises biosecurity risks and odour issues
- Delivers consistent, predictable performance.

This gives end market customers confidence that they are applying a safe, high-quality product to their soils.

CLOSING THE LOOP

Food waste generated by Melbourne businesses is:

- Collected by KS Environmental
- Processed by Valoriza
- Transformed into high-quality soil conditioner
- Returned to land to support new growth.

This partnership demonstrates a true, micro circular economy in action - that what was once discarded, is now actively contributing to healthier soils and a more circular economy for Victoria.





Partnering with Valoriza gives us confidence that the food waste we collect is genuinely being recovered and put to beneficial re-use. It's not just about diversion - it's about delivering a complete, reliable circular solution for our customers, local community and the environment.

Tony Hawke,
KS Environmental, Chief Operating Officer

GIVING BACK

Valoriza and KS Environmental are together supporting the Victorian branch of national food rescue organisation, SecondBite, with a practical demonstration of circular economy in action.

Through this partnership, KS Environmental collects unavoidable food waste streams connected to SecondBite's southeast Melbourne operations and transports them to Valoriza's Dandenong facility, where they are processed into high-quality soil conditioner. This product is then returned to local market gardeners and food producers, closing the loop from surplus food to soil regeneration for food growth. Valoriza also gives volumes of soil conditioner back to SecondBite to enrich the soil at its produce farm next to the KS Environmental site in Dingley.



ABOUT VALORIZA

At Valoriza, we believe resource recovery can and should deliver more. More performance. More accountability. More lasting value for the communities we serve. That belief drives everything we do. We combine disciplined operations with an absolute determination to raise the bar – building systems designed to perform and standing behind them when it counts. By turning waste into worth, we strengthen local communities, improve soil health and reduce emissions. Creating measurable impact where it matters most. Grounded by our advanced organics processing facility in Dandenong but built to grow, Valoriza is proving that recovery can be done better.

TALK TO US

To discuss **how we can partner with you on food waste recovery solutions**, please contact:

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