



# Site tour

Welcome to Valoriza in Dandenong, Victoria and our state-of-the-art organics recycling facility.

Our facility uses advanced technology and best-practice processes to ensure efficient operations, product quality, employee safety, and environmental responsibility.

We role model sustainable waste management and we're proud to showcase our operations.

## WHO WE ARE

Valoriza is reshaping resource recovery in Australia. We combine international capability and investment strength with local operational expertise – delivering disciplined, high performing recovery solutions with genuine accountability at the local level. Our advanced organics processing facility in Victoria is the foundation. From there, we are building a stronger, more accountable model for recovery – grounded in performance and designed to grow.

1

## ENTRY

- > Waste comes in from residential green bins, Food and Garden Organics (FOGO), from Councils in SE Melbourne and local businesses.
- > Invested in new weighbridge software and IT systems for enhanced reporting.

2

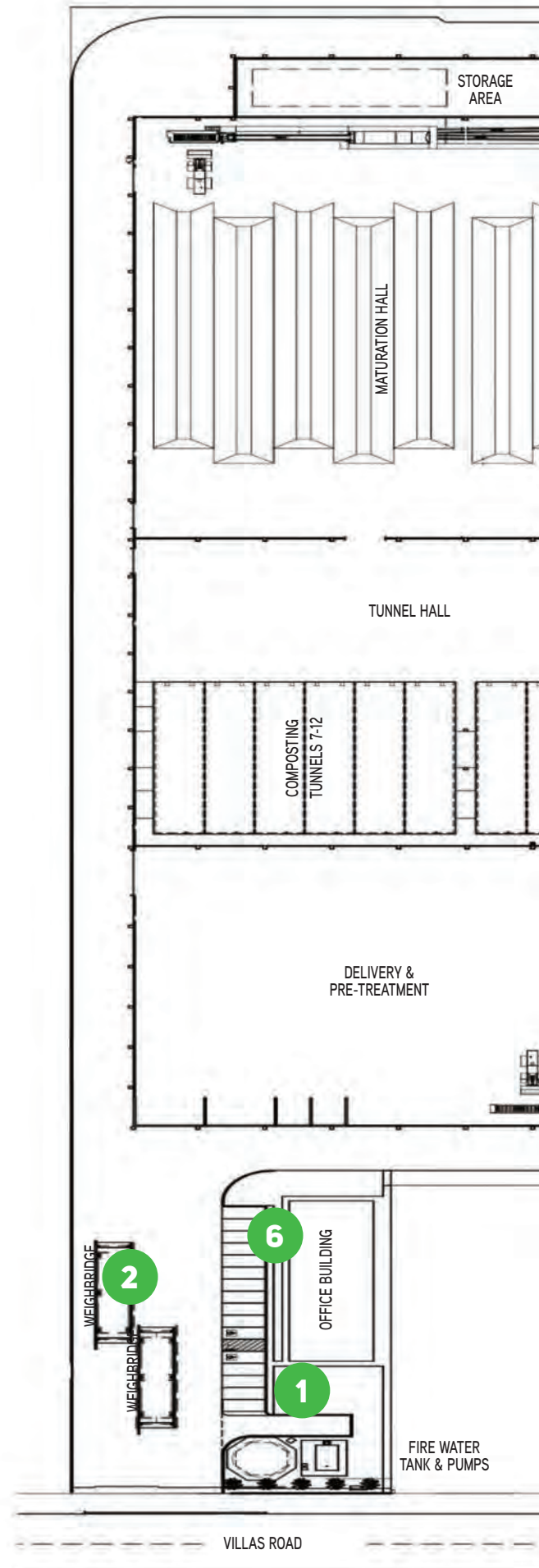
## FOGO COMES IN

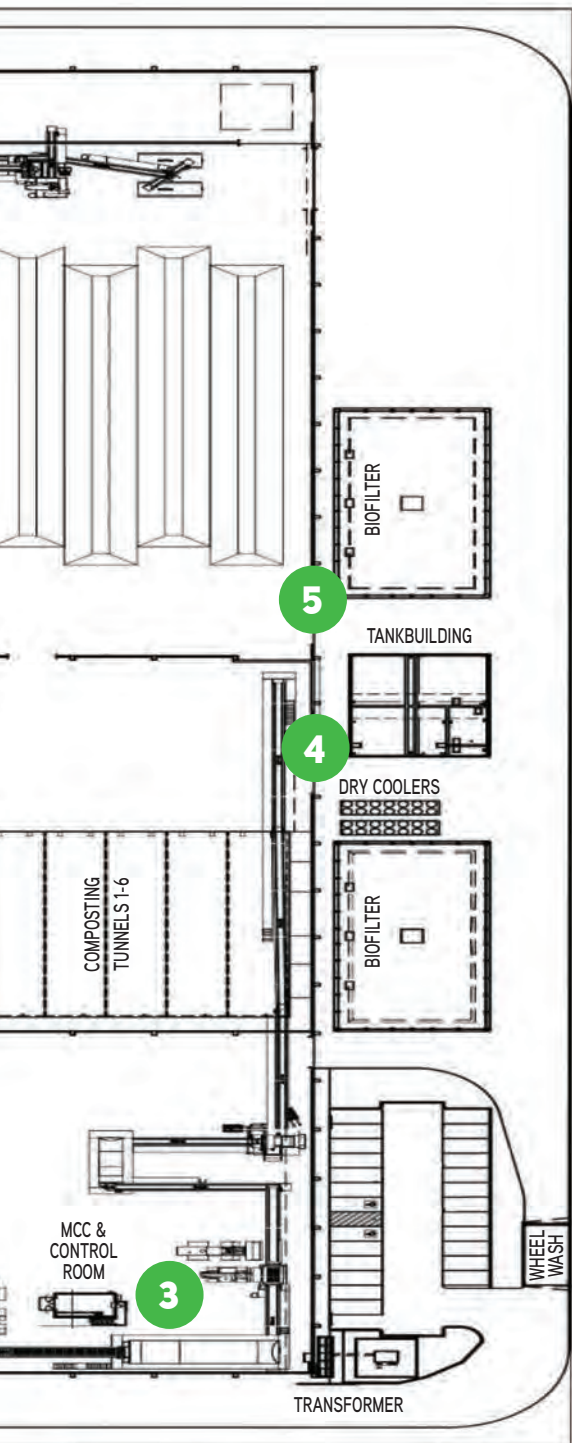
- > Approximately 40 trucks each day.
- > Most in spring, less in winter.
- > Manual sorting/decontamination begins – we see rubbish bins, iron bars, plastics bags, old toys, plastic bags, batteries and more plastic bags.
- > Invested in an Optimisation Program to improve process efficiency across maintenance, electrical rectification and asset management.

3

## DECONTAMINATION

- > Waste is screened to separate into different size fractions.
- > Oversize and undersize fractions are manually picked by our people on the picking line for contaminants.
- > Picked oversize product is then shredded.
- > All material then passes through machinery that removes ferrous metals and non-ferrous materials.





EXISTING BUILDING

- 1 Weighbridge
- 2 Waste receipt
- 3 FOGO processing
- 4 Composting starts
- 5 Compost maturation
- 6 Laboratory

4

## IN-VESSEL TECHNOLOGY

- > Environmental controls in place and Biofilter removes odour.
- > Composting process – tightly controlled using only water, air, and processing expertise.
- > Compost placed in tunnels for a minimum of 9 days, with 3 continuous days at temperatures above 55oC to pasteurize organics and accelerate the composting process.

5

## CLOSING THE LOOP

- > Compost matures in large windrows with temps 50 to 60oC.
- > Use windrow turner to add air and breakdown organics.
- > Compost prepared as soil conditioner to sell into specific markets e.g. horticulture, viticulture, agriculture, landscape and market gardeners.
- > Invested in Komptech Multistar L3 – star screen technology to improve composted FOGO screening performance.
- > Partnership potential – produce mature compost to create circular economy opportunities for Councils and local communities.

6

## PRODUCT QUALITY

- > Quality assurance testing to AS4454 certification.
- > Regular product quality monitoring and testing throughout entire composting process.
- > Backed by accredited external lab testing, we also conduct seed germination testing on site for real time quality indicators.



## WE WANT MORE FOGO AND FO – WE'RE READY!

Our facility is licenced to process 120,000 tonnes per year – we currently have capacity to process 25,000 more tonnes than we do now. The more we receive, the more compost we can circle back into local agriculture and green spaces.

## LOW CONTAMINATION = HIGH-QUALITY COMPOST

Effective Council education programs and strong community participation, deliver consistently low contamination levels. Households can separate waste properly - you are all doing an incredible job.

## WE'RE CLOSING THE LOOP – SOIL CONDITIONER HAS REAL MARKETS

The soil conditioner we produce is in demand – it's used to grow food, improve soil health and support sustainable farming. This isn't just waste management; it's circular economy in action.

## RECYCLING RIGHT

We're almost there, just a few extra reminders – please ensure these don't end up in your bin.



Herbicides containers



Treated timbers



Metal



Plastic turf



Straw



Glass

**THANKS FOR VISITING VALORIZA.  
DON'T LEAVE WITH ANY QUESTIONS!**

## CONTACT

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