



FOOD ORGANICS AND GARDEN ORGANICS (FOGO)

Global Renewables has plans to transition the Eastern Creek Facility away from landfill red lid bin waste to a dedicated Food Organics and Garden Organics (FOGO) processing facility. We're excited about what this can do to benefit the community and positively impact the environment. But what is FOGO?



Understanding FOGO

FOGO stands for Food Organics and Garden Organics. It is a term to describe a kerbside collection service that collects and processes food waste and garden waste separately from other types of waste. The approach is part of efforts to reduce the amount of food waste that ends up in landfills which adds significantly to methane emissions, harming the environment and community.



In a FOGO collection service, food scraps can be added to the green lid bin for households and businesses. Combining food organics with garden organics in the green lid bin helps maintain the cleanliness of the organic material and allows the food waste to be recycled into high-quality compost products.

Why the focus on FOGO?

In 2021, the NSW Government introduced the, "NSW Waste and Sustainable Materials Strategy 2041". This strategy aims to recover more Food and Garden Organics to reduce landfill waste.

The goal is to cut the amount of organics waste going to landfills in half by 2030. The NSW Government strategy will require councils to provide food and garden waste collections to all households by 2030 and for large food waste generating businesses to source separate food waste by 2025.

How does a FOGO service help?



Reduces landfill waste:

Food and garden waste make up a significant portion of landfill waste. FOGO directly contributes to the reduction of this waste.



Reduces Greenhouse Gas Emissions:

When organics end up in landfills, they produce methane emissions, a potent greenhouse gas. Methane's impact on climate change is estimated to be 28 times more harmful than Carbon Dioxide, reducing organic waste in landfills can significantly cut leaked methane emissions.



Produces high-quality compost:

Processing FOGO allows us to produce compost which is rich in organics and has the nutrients our native soils need. This further reduces the need for chemical fertilisers.



Supports the circular economy:

FOGO services are a key component of the new approach to how we create, use and dispose of products and materials. The continuous loop where products are recycled and repurposed minimises waste and maximises the value we get from resources.

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FOGO IN NSW

The average household red bin is currently filled with,



33% rubbish

22% dry recyclables

45% food and garden waste.

This is all currently heading to landfill.



By introducing a **green-lid** service, households can choose to recover all of their food and garden waste so it can be processed into clean compost material.

56

NSW councils are already or plan to go FOGO with more to come.



69%

of NSW households with services have a green-lid bin for organics.

Demand for

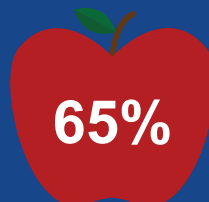
FOGO

compost is rising, and the use of compost is beneficial for: FRESH FOOD PRODUCTION, SPORTING FIELDS, AND HOME GARDENS

Every year, these new services help divert

278,237 tonnes

of food and garden waste from ending up in landfill.



65%

of the compost created from FOGO goes to urban landscaping and a further 15% goes to farms to grow more food.

The Eastern Creek Facility Transition

There's a significant need for more organics processing capacity in metropolitan NSW – a shortage of 1.1 million tonnes per year. To address this, the NSW government plans to bridge the gap through new facilities, converting existing facilities and transferring organics for processing. Supported by the Australian Government's Food Waste for Healthy Soils Fund and the NSW Government's Waste Less, Recycle More initiative, a pilot project demonstrating the feasibility of converting the Eastern Creek Facility to FOGO has been crucial to show how it can fill this capacity gap. It will deliver almost 30% of the needed infrastructure. The pilot project demonstrated that the existing infrastructure can be converted to accept only food and garden waste, no longer receiving red bin landfill waste and producing high-quality compost material that can be returned to land to help crops grow.

About Global Renewables

Global Renewables is a subsidiary of Cleanaway, and largest waste management company listed on the Australian Stock Exchange. We provide a sustainable, high technology solutions for household waste management. Our key objective is to divert household waste away from disposal at landfill.

We have been a pioneer in developing Alternative Waste Treatment (AWT) technologies in Australia. Our Eastern Creek facility is the largest AWT facility in the southern hemisphere with 220,000 tonnes of red lid bin household waste processed each year.