



# PROJECT OVERVIEW

Global Renewables takes care of the environment and handles waste responsibly. We plan to upgrade the current Eastern Creek Facility to transition to processing Food Organics and Garden Organics (FOGO). There is currently a shortage of these facilities across Sydney, and it means we'll be working with food scraps and garden waste to turn them into compost for use in agriculture.



## 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. Food waste alone contributes over 1.2 million tonnes to landfill annually.

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. FOGO recovery and recycling have the potential to recover organic materials and valuable nutrients, which can then be used as compost.

## Why Eastern Creek's Transition?

There's a significant need for more organics processing capacity in metropolitan NSW – a shortage of 1.1 million tonnes per year. The NSW Government plans to bridge the gap through new facilities, converting existing facilities, and transferring organics for processing. The upgrade of the Eastern Creek Facility to include FOGO processing is crucial to filling this capacity gap, accounting for almost 30% of the needed infrastructure.

The Eastern Creek Facility has a proven track record of removing contamination from waste materials and is well placed to make the change to FOGO with minimal disruption. Once complete, we will be able to turn your food scraps and garden organics into compost products for use in agriculture, parks and gardens across NSW.

## How does it work?

Right now, the Eastern Creek Facility is equipped to sort through general waste, remove recyclables and isolate contaminated material. The rest goes to landfill. Processing FOGO utilises the existing process to remove contamination from food scraps and garden organics, and convert it to quality compost products. This will remove 300,000 tonnes from landfill per annum and offsetting CO<sub>2</sub> emissions equivalent to 40,000 cars per year.

## KEY BENEFITS



### Amenity:

We're going to cover the area where compost will be kept. The cover will reduce odour, dust and water quality.



### Circular economy:

The compost will be used for agriculture and landscaping.



### Saving the Environment:

By focusing on FOGO, the facility will help reduce methane gas emissions and remove 300,000 tonnes from landfill.



### Jobs:

The project will create jobs during construction and continue to employ over 100 people which come from our local community.



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## The future FOGO facility in operation



The normal green bin garbage truck will bring the waste to the facility where it will be sorted and processed.



From there it will be decontaminated and composted.



Once your food scraps are composted they will be used on farms and for restoring our native bush-lands.



The whole operation will be fully covered to minimise odours, dust, and other emissions, improving the existing environmental impacts.

## 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 and have built and operate the largest AWT facility in the southern hemisphere with 220,000 tonnes of household waste processed each year at our Eastern Creek Urban Resource – Reduction, Recovery and Recycling (UR-3R) Facility, in Sydney.

# THE TRANSITION PLAN

**Our plan is for the facility to convert to FOGO by mid-2024. For this to happen we will be looking to:**

**2022**

Develop project and transition plans  
Funding received by Commonwealth government  
Early industry and community engagement

**2023**

Industry and community engagement  
Application to Blacktown Council to modify existing planning approvals

**2024**

Proposed first FOGO material received  
Farmers begin receiving FOGO product for use in production

**2025**

Western Sydney enjoys benefit of reduced environmental impacts.



## How Can You Get Involved?

Your voice matters! Global Renewables wants to hear from you and listen to what you have to say. For more information, visit our website: [www.globalrenewables.com.au](http://www.globalrenewables.com.au) or call us on **02 9677 3120**.



*'This project is funded by the Australian Government's Food Waste for Healthy Soils Fund and the NSW Government's Waste Less, Recycle More initiative.'*