



FOGO Rollout Plan 2021-22 Report

Supporting the Waste Avoidance
and Resource Recovery Strategy 2030
and Action Plan 2021-22





Introduction

This report is the second report against commitments in the Waste Authority’s annual FOGO (food organics and garden organics) Rollout Plans. FOGO Rollout Plans are developed with input from the FOGO Reference Group consisting of experts from industry as well as local and state government. On behalf of the Waste Authority, I would like to sincerely thank FOGO Reference Group members for their input and expertise into the FOGO Rollout Plan and its projects.

I am pleased to be able to report good progress against each of the themes in the Rollout Plan - markets, education and engagement, local government services, and processing. For example, work is being finalised by the Waste and Recycling Industry of Western Australia (WRIWA) and MRA Consulting to support better practice FOGO contracting. The Reference Group has identified contracting as important for supporting local governments and service providers to deliver high quality services. Better practice contracting is also central to the supply of high-quality FOGO derived products to the market.

FOGO communications materials continue to be developed under the WasteSorted program. I am pleased to report that the WasteSorted toolkit includes a wide variety of templates for local governments to communicate about FOGO, including social media, print media, short animations, bin stickers, and a FOGO flyer in 11 languages.

Significant progress has been made in supporting local government services. Two important resources were produced and published on the Waste Authority website. A step-by-step guide was produced to help with planning, implementing and monitoring better practice FOGO services. I would like to thank the FOGO Reference Group, and in particular, the Western Australian Local Government Association for their significant work on the guide.

The Waste Authority also published a report entitled *Impacts and benefits of kerbside collection systems – Perth and Peel*. The report, produced by MRA Consulting, assesses the impacts and benefits of various kerbside collection systems in Perth and Peel and can be used by local governments when considering their service options.

It is important that the projects in the FOGO Rollout Plan are well communicated so they can be used by the sector. In March 2022, the Waste Authority delivered the Let’s Go FOGO online information sessions which provided an opportunity to update stakeholders on key FOGO projects and share information to support the FOGO rollout. The sessions were very well attended and proved effective in communicating with a large audience. I extend my thanks to everyone who supported and presented at the event.

I look forward to building on the achievements to date to deliver the FOGO targets in the *Waste Avoidance and Resource Recovery Strategy 2030*.

Reg Howard-Smith
Chair, Waste Authority





FOGO Rollout Plan 2021-22 Report

The FOGO Rollout Plan 2021-22 (Rollout Plan) was approved by the Waste Authority on 1 July 2021 and noted by the Minister on 3 August 2021.

FOGO Rollout Plan objectives:

1. Facilitate market development for FOGO derived products.
2. Facilitate actions to match processing capacity with expected FOGO generation rates.
3. Support key stakeholders with the planning and implementation of FOGO services.
4. Maintain a rollout schedule of local government FOGO services, projected FOGO collection rates, processing capacity and outputs to inform planning.

The Rollout Plan focused on priorities in 2021-22 which were categorised into five themes:



Projects

	Project	Description	Responsibility	Report – 30 June 2022
 01 Markets	1.1 Market development actions	Implement priority market development actions (as agreed by the Waste Authority on advice from the FOGO Reference Group) identified in the <i>FOGO market development strategy</i> (delivered in 2020–21).	Waste Authority with support from FOGO Reference Group	<p>The FOGO Reference Group has identified better practice contracting as central to the supply of high-quality FOGO derived products to the market.</p> <p>The Waste Authority engaged a service provider to identify the characteristics of better practice FOGO contracting which meets the needs of key parties including local governments (and their community) and waste service providers.</p> <p>The project will produce a report which 1. supports the delivery of high-quality services (with a focus on recovering materials at their highest value), 2. identify and manage risks, and 3. meet the requirements of contracting parties.</p> <p>The project is being finalised as at 30 June 2022.</p>
 02 Engagement and education	2.1 WasteSorted toolkit	<p>Implement, promote and update (as required) the WasteSorted communications toolkit.</p> <p>The toolkit helps local governments communicate their waste and recycling services to residents and supports consistent and effective communications across the state.</p>	Waste Authority	<p>The WasteSorted toolkit includes a wide variety of templates for local governments to communicate about FOGO, including social media, print media, short animations, bin stickers, and a FOGO flyer in 11 languages. Most of the work on the FOGO toolkit is now complete. Ongoing support is available to local governments and regional councils using the toolkit and new materials may be developed as required.</p>
	2.2 WasteSorted ‘Be a GREAT Sort’ behaviour change campaign	<p>Implement a staged program designed by specialist behavioural change and social marketing experts, including associated communications strategies and events, such as social marketing, media, education and engagement mechanisms.</p> <p>The WasteSorted behaviour change materials support local governments to provide consistent messaging on waste avoidance, resource recovery and appropriate waste disposal behaviours.</p>	Department of Water and Environmental Regulation (DWER) and Waste Authority	<p>The GREAT Sorts campaign was advertised in an intensive burst from April–June 2022 across radio, socials, YouTube and catch-up television. This included a focus on FOGO (and composting at home), to align with Compost in May. An evaluation of the campaign was undertaken in June, with the report expected to be finalised in July.</p> <p>A short video was developed to show the FOGO process and highlight the benefits of using a FOGO bin. This has involved filming in a household and a FOGO facility. The video will form part of the GREAT Sorts campaign advertising in 2022-23 and will also be made available to local governments and regional councils.</p>



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 03 Local government services	3.1 Better Bins Plus: Go FOGO	Deliver the Better Bins Plus: GO FOGO program to support local governments to implement better practice FOGO kerbside collection systems.	Waste Authority	<p>The deadline for Better Bins Plus: Go FOGO applications (for funding allocated from 2022-23) was extended to 31 May 2022. Five local governments have applied for a total of \$436,251 from this round of the program covering nearly 27,000 households. Four of these applicants are located within the Perth metropolitan region and one is regional. All applicants are expected to be awarded funding. Local governments participating in Better Bins Plus: Go FOGO Program are:</p> <ul style="list-style-type: none"> the cities of Albany, Bayswater, Belmont, Bunbury, Fremantle, Kalamunda, Melville, Swan and Vincent; the shires of Augusta-Margaret River, Collie, Dardanup, Harvey, Mundaring and Serpentine-Jarrahdale; the towns of Bassendean, Cottesloe and East Fremantle.
	3.2 Step-by-step guide	Produce a step-by-step guide (planning, implementation, monitoring) to support better practice FOGO services. The guide will support local government services and the broader FOGO sector.	Waste Authority with support from FOGO Reference Group	The Step-by-Step Guide is published on the Waste Authority website. www.wasteauthority.wa.gov.au/publications/view/fogo-resources
	3.3 Resources hub	Develop and publish an online FOGO resources hub using the step-by-step guide (Project 3.2) as the framework to categorise information for publishing.	Waste Authority with support from FOGO Reference Group	<p>The following FOGO Resources are published on: www.wasteauthority.wa.gov.au/publications/view/fogo-resources.</p> <ul style="list-style-type: none"> Better practice FOGO services: A step-by-step guide Impacts and benefits of kerbside collection systems – Perth and Peel Case studies <ul style="list-style-type: none"> - FOGO three-bin system rollout: Town of Bassendean - FOGO processing case study: Eastern Metropolitan Regional Council - FOGO processing case study: Resource Recovery Group - FOGO engagement and education case study: City of Melville.
	3.4 Modelling support	Support local governments to access tools that model/assess waste services.	Waste Authority with support from FOGO Reference Group	<p>The Waste Authority commissioned the MRA Consulting Group to produce a report on the impacts and benefits of kerbside collection systems in Perth and Peel.</p> <p>The report assesses the impacts and benefits of two-bin, three-bin garden organics, and three-bin FOGO kerbside collection systems in Perth and Peel for two categories of local governments (urban and peri-urban). The report also models the use of Waste to Energy for residual waste.</p> <p>The report produces outputs including cost, material recovery performance and greenhouse gas emissions for each of the options modelled. The report can be referenced by local governments wishing to model / assess kerbside service options.</p> <p>The <i>Impacts and benefits of kerbside collection systems: Perth and Peel</i> report is published on the Waste Authority website.</p> <p>www.wasteauthority.wa.gov.au/publications/view/fogo-resources</p>



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 04 Processing	4.1 DWER composting guidelines	<p>Release the guidelines containing environmental performance objectives and benchmark standards for the construction and operation of composting premises regulated under Part V of the <i>Environmental Protection Act 1986</i>. The guidelines also define 'better practice' for composting facilities in relation to the <i>Waste avoidance and resource recovery strategy 2030</i>.</p> <p>DWER will support existing processors by:</p> <ol style="list-style-type: none"> 1. developing tools to support industry in implementing the guidelines 2. preparing licence amendments requiring licence holders of composting premises to undertake and submit a self-assessment against the better practice criteria in the guidelines and an improvement plan where required 3. conducting an audit of the first 10 self-assessment and improvement plan submissions. 	DWER	The Guideline: <i>Better practice organics recycling</i> and the consultation summary are currently in the final publication approval process.
	4.2 Waste infrastructure review/plan	Provide FOGO-related inputs into the strategic review of Western Australia's waste infrastructure.	Waste Authority with support from FOGO Reference Group	<p>Talis Consultants and Metrix have been engaged to develop the State Waste Infrastructure Plan and undertake public consultation.</p> <ul style="list-style-type: none"> • In February 2022, DWER held an issues and scoping session with DWER's Waste and Recycling Advisory Group and Infrastructure WA to inform the draft plan. • The draft plan is expected to be released for public consultation around mid-2022. • The State Waste Infrastructure Plan is expected to be finalised in late 2022.
	4.3 Better practice guidelines for solid waste treatment and storage facilities: consultation	Develop guidelines for solid waste treatment and storage facilities as part of DWER's regulatory framework for prescribed premises; complement the DWER composting guidelines and the waste strategy objectives.	DWER	The <i>Guideline – Better Practice: Solid Waste Treatment and Storage</i> has been updated to align with the approach taken in the <i>Guideline: Better practice organics recycling</i> . The document is being progressed for internal review and is targeted for external consultation in the second half of 2022.
	4.4 Regulatory support	Support the composting industry with regulatory processes such as works approval and licence applications.	DWER	DWER continues to support the composting industry with works approval and licence applications.





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 05 Foundation actions	5.1 Data projections: local government transition, FOGO generation rates, process	Provide quarterly updates and projections to support decision-making: <ul style="list-style-type: none"> • Estimated FOGO commencement date (by local governments). • FOGO collection (projected), processing capacity (current and potential), and outputs (projected). 	DWER	DWER continues to produce updates and projections for each FOGO Reference Group meeting.
	5.2 Support services	Deliver actions to build knowledge and capacity across the sector (including waste educators, local governments, organics processors and purchasers), such as case studies, information sessions.	Waste Authority with support from FOGO Reference Group	<p><u>Case Studies</u> - Refer to 3.3 – Resources Hub.</p> <p><u>Let's Go FOGO: FOGO Information Sessions</u></p> <p>The Waste Authority, with support from the FOGO Reference Group, hosted two online FOGO information sessions in March 2022. The sessions provided an opportunity to update stakeholders on key FOGO projects and share information to support the FOGO rollout.</p> <p>The sessions aligned with the themes in the FOGO Rollout Plans.</p> <ul style="list-style-type: none"> • Session 1: held 3 March 2022 – Education and Engagement; Local Government Services. • Session 2: held 17 March 2022 – Processing and Markets. <p>There were 22 speakers across the two sessions. A summary of each session and the recordings and presentations of both sessions are available on the Waste Authority website www.wasteauthority.wa.gov.au/programs/view/online-fogo-sessions.</p>
	5.3 National updates	Provide updates to the group on relevant actions delivered under the 2018 <i>National waste policy</i> and 2017 <i>National food waste strategy</i> .	DWER	<p><u>Food Waste for Healthy Soils fund</u></p> <ul style="list-style-type: none"> • Call for EOIs advertised on DWER's website and promoted through targeted stakeholder communications. 19 applications received. • Awaiting funding announcements from the Australian Government.



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