

Jerrara Power

Energy from Waste – Community Survey 2021

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Background & Methodology – Overview

Objectives (Why?)

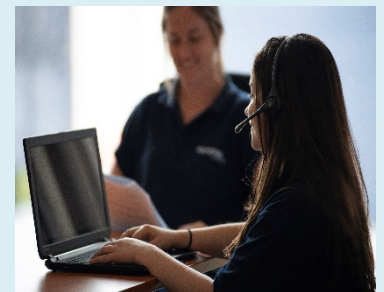
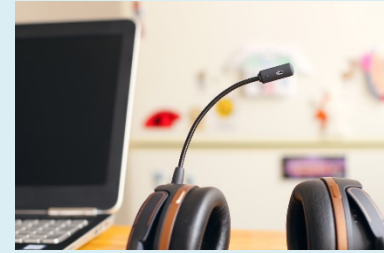
- Gauge level of concern about environmental sustainability issues
- Understand perceptions of the level of personal and shared responsibility residents believe they have for managing environmental sustainability
- Explore awareness and support of the Energy from Waste process across Australia
- Measure level of support for an Energy from Waste facility being built near Bungonia

Sample (How?)

- Telephone survey (landline and mobile) to N = 405 residents:
 - 382 acquired from electronic white pages and SamplePages lists
 - 23 acquired through face-to-face number harvesting
- Greatest margin of error +/- 4.9%

Timing (When?)

- Fieldwork 28th April – 4th May 2021



Background & Methodology – Detail

Sample Size:

A total of 405 telephone interviews were conducted with residents of the Goulburn-Mulwaree LGA.

A sample size of 405 residents provides a maximum sampling error of plus or minus 4.9% at 95% confidence. This means that if the survey was replicated with a new universe of N=405 residents, 19 times out of 20 we would expect to see the same results, i.e. +/- 4.9% (for example, an answer such as 'yes' (50%) to a question could vary from 45% to 55%).

Sample Sources:

A telephone survey approach was used for this project as it is a cost-effective way to reach a broad sample of the community. Other approaches (such as online surveys) may cost less – but as they are 'opt-in' methodologies they can be skewed by those with a particular interest in the survey topic.

To enhance the representativeness of our phone sample universe, respondents were sourced from three different sample frames:

- Electronic White Pages ... N=199 completes. (All eligible numbers called at least once, most received a minimum of two calls)
- Sample Pages (purchased lists of mobile numbers for 18-49 year olds and landlines for 18-64 year olds [landline numbers purchased were de-duped against our electronic white pages sample]) ... N=183 completes. (Between one and three calls made to all but 33 purchased numbers)
- Face-to-face number harvesting ... N=23 completes. (Intercept recruitment at several locations around the Goulburn-Mulwaree LGA, including George Street Marulan [outside and around Marulan public school, Marulan IGA, and Tony Onions Memorial Park], and Goulburn Square shopping centre). Those recruited were then called to do the survey over the phone – all numbers called at least three times.

Background & Methodology – Detail

Response Rates:

The overall response rate for this survey was as follows:



	Counts	% of In-Scope
Interviews completed	405	21%
Refusals	1,406	72%
Language difficulties	15	1%
Call backs	133	7%
Total Potentially in-scope sample	1,959	100%
No call made	33	
Not eligible (eg: out-of area)	391	
No answer	3,153	
Disconnected/wrong number etc	587	

Respondent Selection:

To help boost interviews with younger residents, the following strategies were used:

- Electronic white pages: We first asked to speak to the youngest resident 18-34 in the household – if none available, we broadened the survey to anyone 18+ in the household (ie: 'youngest resident with replacement' sampling).
- SamplePages – **Mobile** Numbers: Lists of mobile numbers of 18-49 year olds (N=1,121 purchased) who are likely to live in the Goulburn-Mulwaree LGA. Interviews were conducted with whoever answered the mobile phone.
- SamplePages – **Landline** Numbers: Lists of landline numbers for 18-64 year olds (N=2,065 purchased) who are likely to live in the Goulburn-Mulwaree LGA. We first asked to speak to the youngest resident 18-34 in the household – if none available, we broadened the survey to anyone 18+ in the household.
- Number Harvesting: We primarily approached passers-by and asked if they were a resident of the LGA and if they were 18-49.

To qualify for the survey, respondents had to be 18+ years and live in the Goulburn-Mulwaree LGA.

Background & Methodology – Detail

Sample Design:

A stratified random sample design was used. Stratification still involves random sampling, but within specific stratum:

- Residents in Bungonia, Marulan and Windellama were deliberately oversampled given their proximity to the proposed EfW site at Bungonia. The below table summarises the unweighted sample obtained, versus the actual population data from the Australian Bureau of Statistics**:

Town/village	ABS data (% of total LGA Population)	Survey sample (unweighted)
Goulburn	76%	68%
Marulan	4%	8%
Bungonia	1%	7%
Windellama	1%	2%
Other rural	17%	16%

Data Weighting:

The sample was weighted by age and gender to reflect the 2016 ABS Census data for the Goulburn-Mulwaree Local Government Area. The sample was not weighted by region, as the sample skew was relatively minor, and would potentially reduce the effective sample size (for significance testing purposes). Therefore, when reading this Report it should be remembered that Marulan/Bungonia/Windellama are deliberately over-represented in the results.

**Note that several towns/villages (Currawang, Pomeroy, Tarago, Wayo and Wollongorang – all included in 'Other rural' above) cross into other LGA's, so the ABS data includes residents in those towns that are just outside the Goulburn-Mulwaree LGA, whereas the survey sample is all within the Goulburn-Mulwaree LGA.

Please see Appendix B for full list of sample sizes by town/village.

Background & Methodology – Detail

Interviewing

Interviewing was conducted in accordance with The Research Society Code of Professional Behaviour. All interviews were conducted by fully trained interviewers of Micromex on the NSW Central Coast, with 'live' audits conducted by our Supervisor.

Data analysis

The data within this report was analysed using Q Professional.

Within the report, ▲▼ and blue and red font colours are used to identify statistically significant differences between groups, i.e., gender, age, ratepayer status, residential location, number of children and length of time lived in the LGA.

Where mean ratings are cross analysed by demographics, the base sizes reflect the **minimum** sample size recorded, as these varied for each question due to having a 'don't know' option.

Significance difference testing is a statistical test performed to evaluate the difference between two measurements. To identify the statistically significant differences between the groups of means, 'One-Way Anova tests' and 'Independent Samples T-tests' were used. 'Z Tests' were also used to determine statistically significant differences between column percentages.

Percentages

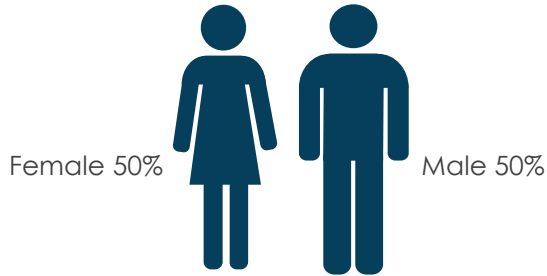
All percentages are calculated to the nearest whole number and therefore the total may not exactly equal 100%.



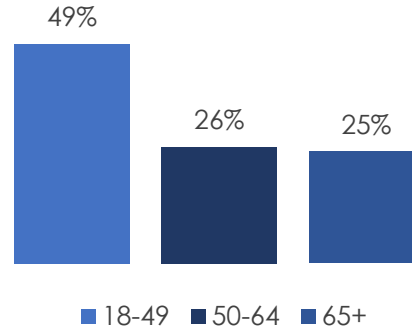
Sample Profile

The sample was weighted by age and gender to reflect the 2016 ABS community profile of Goulburn-Mulwaree Council LGA.

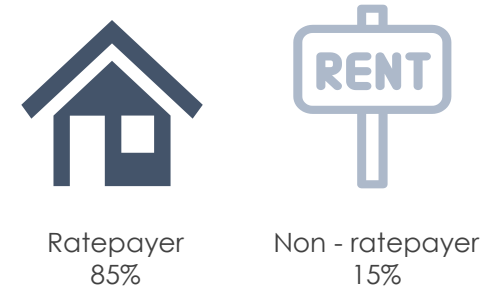
Gender



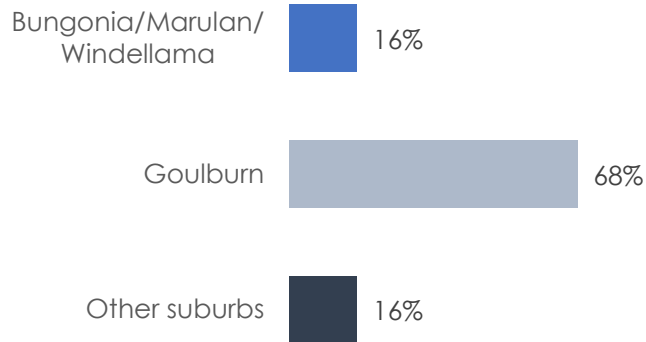
Age



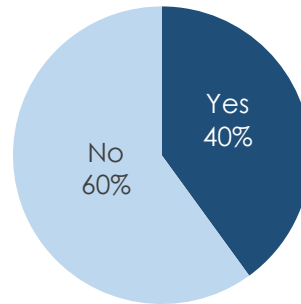
Ratepayer Status



Suburb



Children Under 18 Living at Home

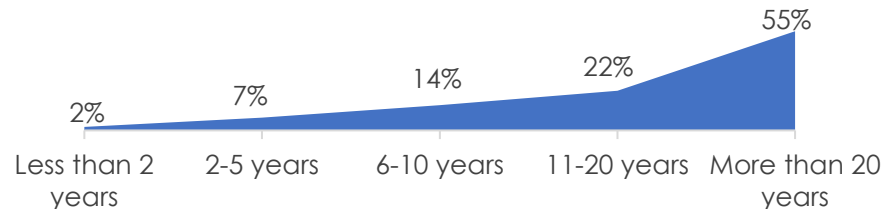


Has a Residential Three Bin Waste Collection



Yes 66%

Time Lived in the Area

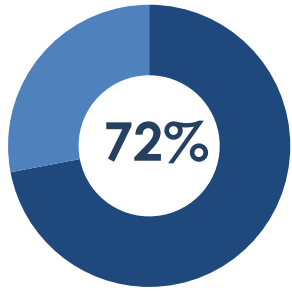




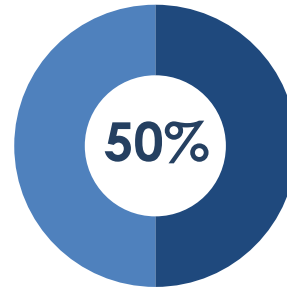
Key Findings

Energy from Waste

Awareness of EfW



of Goulburn Mulwaree residents are aware of the Energy from Waste process



of residents are aware of the proposal to build an Energy from Waste processing facility near Bungonia

Support for EfW Facilities

- General support for building and operating Energy from Waste facilities in Australia is high, with **86%** of residents being at least somewhat supportive of this idea – and **67%** 'committed' to the top two 'support' codes on the five-point scale.
- Support for building an Energy from Waste facility near Bungonia was lower than overall support for this type of facility, though **75%** of residents are still at least somewhat supportive of this project going ahead – and a slim majority (**54%**) 'committed' to the top two codes on the five-point scale.

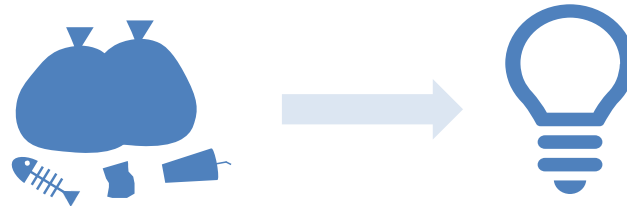


Energy from Waste

Messaging Opportunities

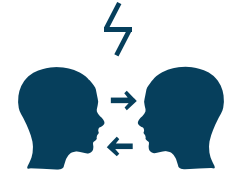
Main reasons for supporting EfW include:

- In terms of EfW in general, open-ended comments focussed on tangible waste related benefits (e.g.: reducing waste to landfill, better use of waste) more-so than broader sustainability issues (e.g.: supportive of renewable energy/new technologies)
- In terms of the proposed new EfW facility at Bungonia, open-ended comments focussed on creating jobs/income, as well as reducing waste to landfill.



Energy from Waste

Messaging Opportunities (continued)



The main reason for not supporting EfW was a desire for more communication:

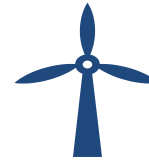
- This was one of the main open-ended responses provided both in terms of not supporting EfW in general and not supporting the proposed facility at Bungonia. It was also the main open-ended response on the final 'any other comments' question. Three other points are worth noting here:
 - Overall, 72% of residents indicated they were aware of EfW in general – and 50% were aware of the proposed facility at Bungonia. Amongst those living in the three areas closest to the proposed facility (Marulan, Bungonia and Windellama), overall awareness of EfW was 79% - but even more (83%) were aware of the proposed facility at Bungonia. This suggests that perhaps a lot of the general awareness of EfW in the community is coming from what is known about the proposed Bungonia facility.
 - Those aware of the proposed facility at Bungonia were significantly less supportive of the proposal than were those who were not previously aware.
 - For those aware of the proposed facility at Bungonia, 'media such as TV, newspapers and radio', 'other websites or social media channels not managed by Jerrara Power' and 'word of mouth' were the most common ways of becoming aware of the proposal – Jerrara's own website/social media appear to have had little reach.

In other words, a sizeable proportion of the community want more communication – but at present those who are aware of the facility are significantly less supportive of it - and the communication they are currently receiving is not necessarily directly from Jerrara.



Energy from Waste

Messaging Opportunities (continued)



Other key reasons for not supporting EfW include:

- Concerns about pollution/air quality/smells – this was one of the main open-ended reasons provided for not supporting EfW in general, and it was the most frequently provided open-ended response in terms of not supporting a facility at Bungonia:
 - And on a five-point agreement scale, 54% agreed with the statement 'I am concerned about the possible environmental impacts of this facility'
- Preference for government-run facilities rather than privately owned facilities – again, another open-ended reason provided for not supporting EfW in general.
- Concerns about road safety with more trucks on local roads if the facility is built locally.

Focus on Local Residents





As noted in the introduction to this Report, we deliberately oversampled residents in the areas closest to the proposed new EfW facility, namely Bungonia, Marulan and Windellama. These residents were:

- Significantly more aware of the proposed facility
- Significantly less supportive of both EfW in general and the proposed EfW facility
- Less convinced about the economic benefits of the proposed facility, and significantly more concerned about possible environmental impacts.



Sustainability and Responsibility

The community survey covered two additional contextual topics:

- **Concerns about Environmental Sustainability:** Based on rating personal concern with six environmental sustainability issues, our sense is that residents are marginally more concerned about tangible waste issues (e.g.: 'the amount of waste that goes to landfill', and 'landfill sites filling to capacity') and relatively less concerned about more macro issues such as 'our use of fossil fuels such as coal for energy generation' and 'climate change'.
- **Responsibility for Environmental Sustainability:** The majority of residents believe they are personally responsible for managing issues around environmental sustainability. However, perhaps the most important finding is that most residents feel all of the listed entities (such as different levels of government, large businesses, all Australians) are responsible. We have seen this 'shared responsibility' response in previous waste-related projects, where participants have even mentioned that whilst they are personally responsible, others are too and others need to take the lead.

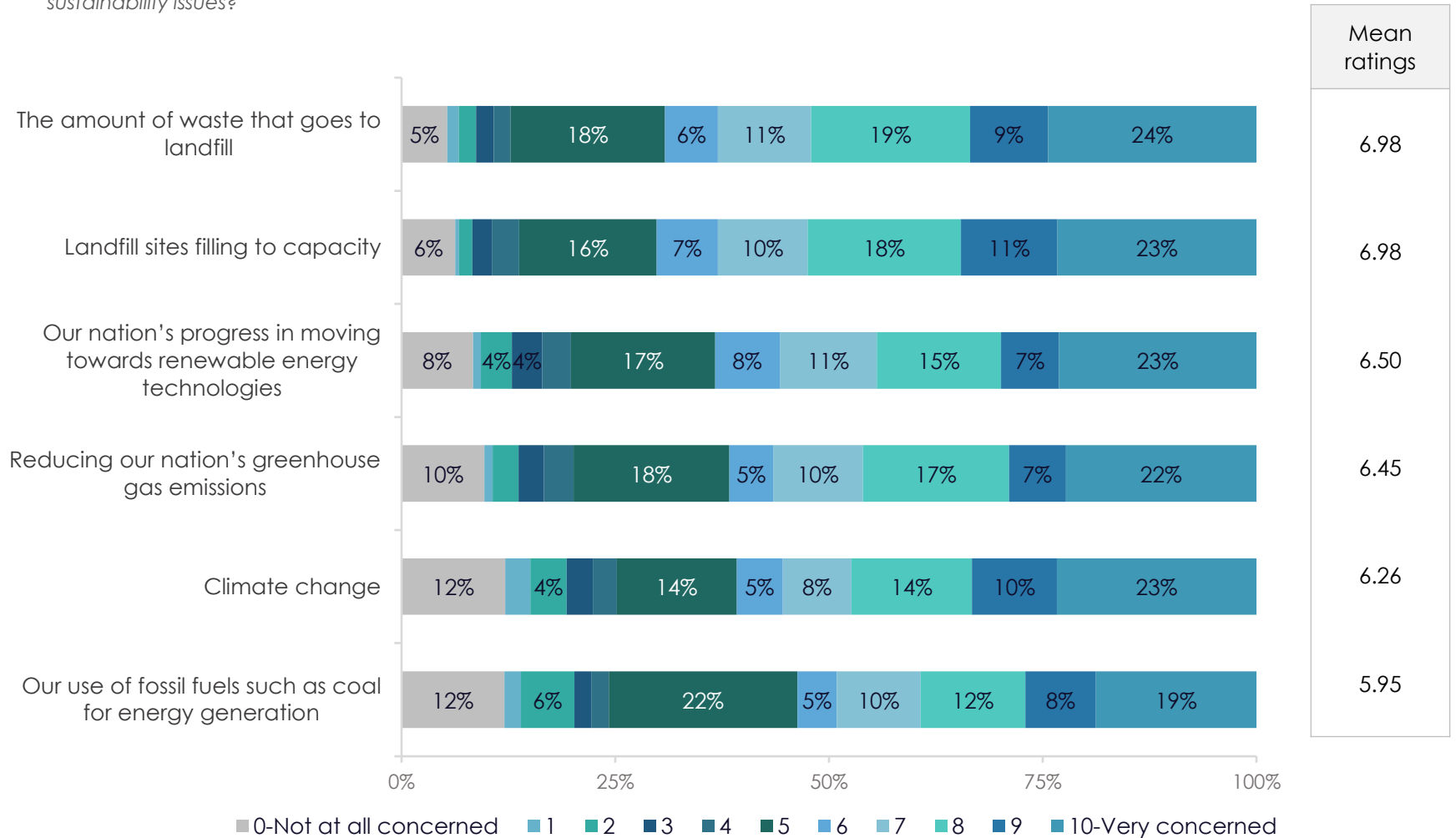
Interestingly, females, younger residents (i.e.: under 50 years) and those with children were generally more concerned about environmental responsibility issues – and they were marginally more likely to see themselves rather than others as responsible for environmental sustainability. However, this didn't necessarily translate into greater support for EfW in general/the proposed new EfW facility at Bungonia (the one exception being younger residents were significantly more supportive of the proposed new EfW facility at Bungonia).



Overall Sustainability Attitudes and Behaviours

Concern About Environmental Sustainability Issues

Q8. Using a scale of 0 to 10, where 0 is 'not at all concerned' and 10 is 'very concerned', how concerned, if at all, are you about the following environmental sustainability issues?



Note: Labels <4% are not shown above

Base: N=401-404 (base sizes differ as there was an unprompted 'don't know' option).

Scale: 0 = not at all concerned, 10 = very concerned

Whilst there are differences, perhaps the most interesting finding is how similar results are across the six statements (i.e.: the range of means scores is only 1.03). Our sense is that residents are more concerned about waste issues (e.g.: 'the amount of waste that goes to landfill', and 'landfill sites filling to capacity') and relatively less concerned about more macro issues such as 'our use of fossil fuels such as coal for energy generation' and 'climate change'.

Concern About Environmental Sustainability Issues

Q8. Using a scale of 0 to 10, where 0 is 'not at all concerned' and 10 is 'very concerned', how concerned, if at all, are you about the following environmental sustainability issues?

	Overall	Gender		Age			Town/Village		
		Male	Female	18-49	50 – 64	65+	Bungonia/ Marulan/ Windellama	Goulburn	Other towns/ villages
The amount of waste that goes to landfill	6.98	6.46▼	7.50	7.14	6.87	6.77	6.86	6.88	7.53
Landfill sites filling to capacity	6.98	6.42▼	7.55	7.06	6.91	6.90	6.83	6.99	7.09
Our nation's progress in moving towards renewable energy technologies	6.50	6.20	6.80	6.73	6.37	6.17	6.52	6.50	6.48
Reducing our nation's greenhouse gas emissions	6.45	5.83▼	7.07	6.59	6.38	6.23	6.54	6.41	6.53
Climate change	6.26	5.49▼	7.04	6.66▲	5.90	5.85	6.13	6.28	6.32
Our use of fossil fuels such as coal for energy generation	5.95	5.66	6.25	6.06	5.86	5.84	5.91	6.04	5.60
Base	401-404	200+	189+	196+	102+	92+	61+	266+	63+

	Ratepayer status		Children under the age of 18 living at home?		Time lived in the area			Has a residential waste collection service at home	
	Ratepayer	Non-ratepayer	Yes	No	Up to 10 years	11 – 20 years	More than 20 years	Yes	No
The amount of waste that goes to landfill	6.93	7.33	7.22	6.83	7.19	7.19	6.82	6.85	7.24
Landfill sites filling to capacity	6.94	7.25	7.04	6.95	7.08	6.89	6.98	6.98	6.98
Our nation's progress in moving towards renewable energy technologies	6.57	6.09	6.67	6.39	6.54	6.49	6.49	6.55	6.39
Reducing our nation's greenhouse gas emissions	6.46	6.29	6.43	6.44	6.62	6.32	6.41	6.43	6.49
Climate change	6.21	6.59	6.31	6.23	6.61	6.15	6.17	6.32	6.15
Our use of fossil fuels such as coal for energy generation	5.96	5.93	6.16	5.81	6.00	6.09	5.88	6.07	5.72
Base	334+	55+	159+	229+	91+	86+	211+	258+	131+

▲ ▼ = A significantly higher/lower level of concern (by group)
Scale: 0 = not at all concerned, 10 = very concerned

Results are very similar by key demographics – exceptions being:

- Males have lower levels of concern than females for all six issues (significantly so for 4 of them).
- Younger residents (aged 18-49) are generally more concerned, particularly about climate change.

Concern About Environmental Sustainability Issues

Q8. Using a scale of 0 to 10, where 0 is 'not at all concerned' and 10 is 'very concerned', how concerned, if at all, are you about the following environmental sustainability issues?

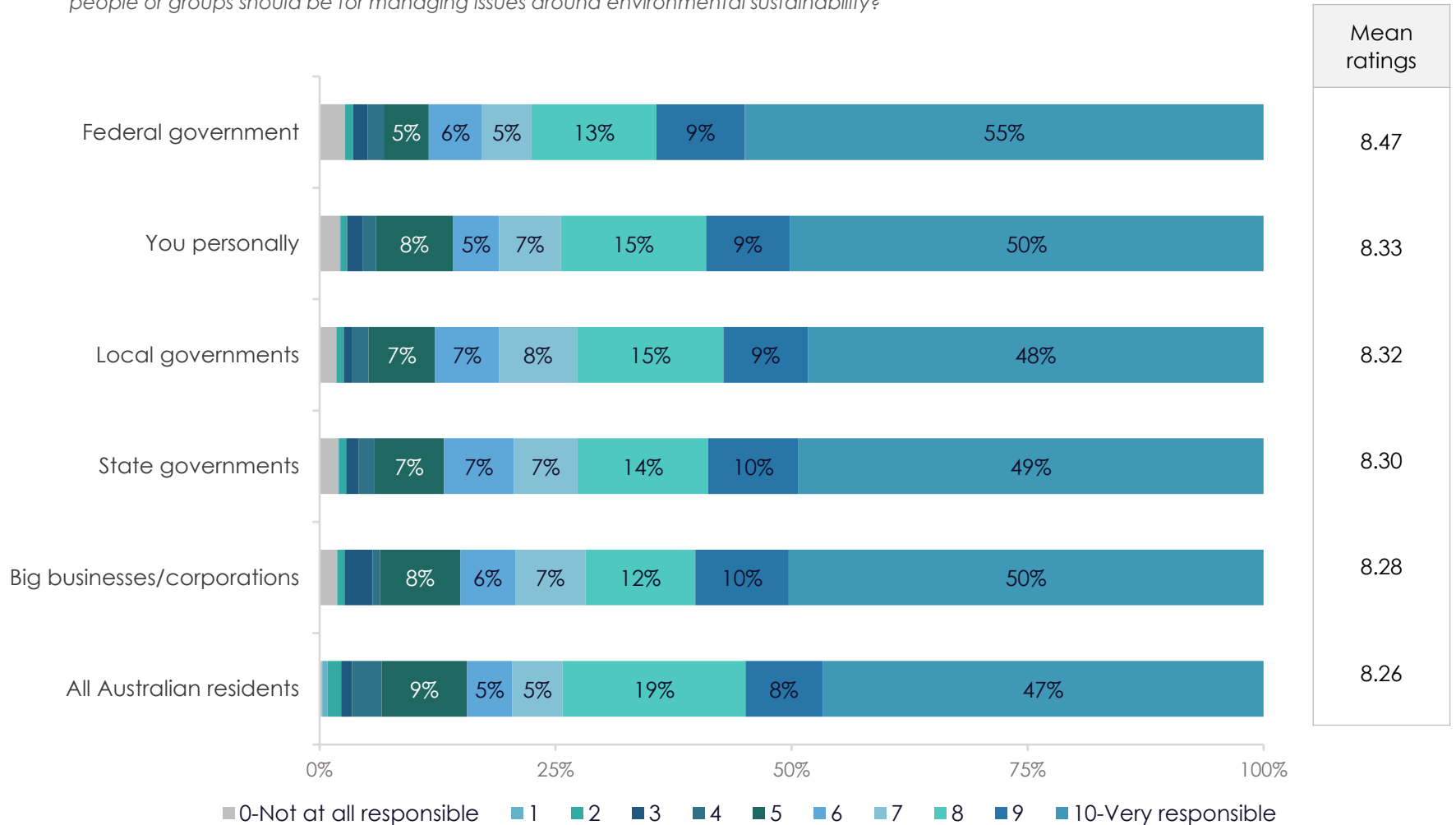
	Overall	Q10a. Aware of the Energy from Waste process		Q13a. Aware of the proposal to build an Energy from Waste facility near Bungonia	
		Yes	No	Yes	No
The amount of waste that goes to landfill	6.98	6.89	7.22	6.58▼	7.38
Landfill sites filling to capacity	6.98	6.92	7.14	6.70	7.26
Our nation's progress in moving towards renewable energy technologies	6.50	6.41	6.72	6.01▼	6.97
Reducing our nation's greenhouse gas emissions	6.45	6.35	6.69	6.13	6.77
Climate change	6.26	5.90▼	7.18	5.69▼	6.82
Our use of fossil fuels such as coal for energy generation	5.95	5.89	6.13	5.55▼	6.35
Base	401-404	283+	106+	194+	196+

▲ ▼ = A significantly higher/lower level of concern (by group)
Scale: 0 = not at all concerned, 10 = very concerned

The level of concern with all 6 environmental sustainability issues was lower for those that were already aware of the Energy from Waste process (although only significantly so on one attribute) and for those already aware of the proposal to build the facility near Bungonia (significantly so for four of the six).

Level of Responsibility

Q9. And now using a scale of 0 to 10 where 0 is 'not at all responsible' and 10 is 'very responsible', how responsible, if at all, do you think each of the following people or groups should be for managing issues around environmental sustainability?



Note: Labels <4% are not shown above

Base: N=402-404 (base sizes differ as there was an unprompted 'don't know' option).

Scale: 0 = not at all responsible, 10 = very responsible

The majority of residents believe they are personally responsible for managing issues around environmental sustainability. However, perhaps the most important finding is that most residents feel all of the listed entities are responsible - suggesting there may be a sense of shared responsibility (discussed further on Slide 20).

Level of Responsibility

Q9. And now using a scale of 0 to 10 where 0 is 'not at all responsible' and 10 is 'very responsible', how responsible, if at all, do you think each of the following people or groups should be for managing issues around environmental sustainability?

	Overall	Gender		Age			Town/Village		
		Male	Female	18-49	50 – 64	65+	Bungonia/ Marulan/ Windellama	Goulburn	Other towns/ villages
Federal government	8.47	8.42	8.52	8.69	8.53	7.99▼	8.65	8.37	8.74
You personally	8.33	7.86▼	8.79	8.54	8.30	7.94▼	8.29	8.34	8.33
Local governments	8.32	7.97▼	8.68	8.45	8.40	7.98▼	8.33	8.35	8.21
State governments	8.30	8.04▼	8.57	8.36	8.50	7.99	8.43	8.23	8.46
Big businesses/corporations	8.28	8.06	8.51	8.28	8.64	7.92	8.51	8.26	8.14
All Australian residents	8.26	7.85▼	8.68	8.39	8.27	8.01	8.41	8.21	8.35
Base (minimum)	402-404	201+	200+	198+	104+	99+	64+	273+	64+

	Ratepayer status		Children under the age of 18 living at home?		Time lived in the area			Has a residential waste collection service at home	
	Ratepayer	Non-ratepayer	Yes	No	Up to 10 years	11 – 20 years	More than 20 years	Yes	No
Federal government	8.41	8.83	8.65	8.34	8.62	8.69	8.32	8.51	8.39
You personally	8.32	8.35	8.64▲	8.11	8.85▲	8.27	8.12	8.44	8.11
Local governments	8.30	8.42	8.52	8.18	8.64	8.25	8.21	8.38	8.20
State governments	8.31	8.23	8.51	8.15	8.52	8.45	8.15	8.29	8.33
Big businesses/corporations	8.28	8.25	8.39	8.20	8.62	8.35	8.11	8.38	8.09
All Australian residents	8.21	8.54	8.58▲	8.04	8.63	8.30	8.09	8.28	8.23
Base (minimum)	343+	57+	163+	237+	92+	86+	222+	266+	135+

▲ ▼ = A significantly higher/lower level of responsibility (by group)
Scale: 0 = not at all responsible, 10 = very responsible

As we saw on the previous question, males and older residents tended to provide lower responsibility ratings for all entities, including themselves.

Those that have children under the age of 18 living at home are significantly more likely to believe they are personally responsible for managing issues around environmental sustainability.

Level of Responsibility

Q9. And now using a scale of 0 to 10 where 0 is 'not at all responsible' and 10 is 'very responsible', how responsible, if at all, do you think each of the following people or groups should be for managing issues around environmental sustainability?

	Overall	Q10a. Aware of the Energy from Waste process		Q13a. Aware of the proposal to build an Energy from Waste facility near Bungonia	
		Yes	No	Yes	No
Federal government	8.47	8.44	8.54	8.29	8.66
You personally	8.33	8.21	8.64	7.98▼	8.67
Local governments	8.32	8.25	8.52	8.04▼	8.60
State governments	8.30	8.29	8.32	8.23	8.37
Big businesses/corporations	8.28	8.33	8.15	8.01▼	8.56
All Australian residents	8.26	8.28	8.21	8.04	8.49
Base	402-404	289+	112+	201+	200+

▲ ▼ = A significantly higher/lower level of responsibility (by group)
Scale: 0 = not at all responsible, 10 = very responsible

Residents that were already aware of the proposal to build an Energy from Waste facility near Bungonia were significantly less likely to believe themselves personally, local Governments and big businesses/corporations should be responsible for managing issues around environmental sustainability.

Level of Responsibility

Q9. And now using a scale of 0 to 10 where 0 is 'not at all responsible' and 10 is 'very responsible', how responsible, if at all, do you think each of the following people or groups should be for managing issues around environmental sustainability?

	Overall	Gender		Age			Town/Village		
		Male	Female	18-49	50 – 64	65+	Bungonia/ Marulan/ Windellama	Goulburn	Other towns/ villages
Personal responsibility	8.33	7.86▼	8.79	8.54	8.30	7.94▼	8.29	8.34	8.33
Average of all others	8.33	8.07▼	8.59	8.43	8.48	7.97▼	8.47	8.29	8.38
Gap	0.00	-0.21	0.20	0.10	-0.18	-0.04	-0.18	0.05	-0.05
Base	402-404	201+	200+	198+	104+	99+	64+	273+	64+

	Ratepayer status		Children under the age of 18 living at home?		Time lived in the area			Has a residential waste collection service at home	
	Ratepayer	Non-ratepayer	Yes	No	Up to 10 years	11 – 20 years	More than 20 years	Yes	No
Personal responsibility	8.32	8.35	8.64▲	8.11	8.85▲	8.27	8.12	8.44	8.11
Average of all others	8.30	8.45	8.53	8.19	8.61	8.41	8.18	8.37	8.25
Gap	0.01	-0.10	0.11	-0.08	0.25	-0.14	-0.06	0.06	-0.13
Base	343+	57+	163+	237+	92+	86+	222+	266+	135+

	Q10a. Aware of the Energy from Waste process		Q13a. Aware of the proposal to build an Energy from Waste facility near Bungonia	
	Yes	No	Yes	No
Personal responsibility	8.21	8.64	7.98	8.67▲
Average of all others	8.32	8.35	8.12	8.54▲
Gap	-0.12	0.29	-0.14	0.14
Base	289+	112+	201+	200+

Scale: 0 = not at all responsible, 10 = very responsible

▲ ▼ = A significantly higher/lower level of responsibility (by group)

The above results summarise the 'gap' between claimed 'personal responsibility' and the average responsibility of others. Note that whilst not significant, males, those aged 50+ years and those aware of the EfW facility had negative gaps – that is, they provided higher responsibility scores to others than they did to themselves.



Energy from Waste

Energy from Waste

The following spiel was read to respondents before the next questions were asked:

At present in Australia we reduce the amount of waste that goes to landfill by recycling some items in our yellow-lid bins and composting garden and food waste in our green-lid bins, or taking our waste to a waste management facility for sorting. However, despite our community's best efforts at reducing, reusing and recycling, we still have residual waste that ends up in landfill. One approach to dealing with this residual waste, that has been used overseas for decades is called 'Energy from Waste'. Energy from Waste involves thermally processing waste at high temperature using combustion technology. The heat from combustion would boil water to create steam. The steam will drive a turbine connected to a generator to produce electricity. This power would be fed into the grid to power homes and businesses.

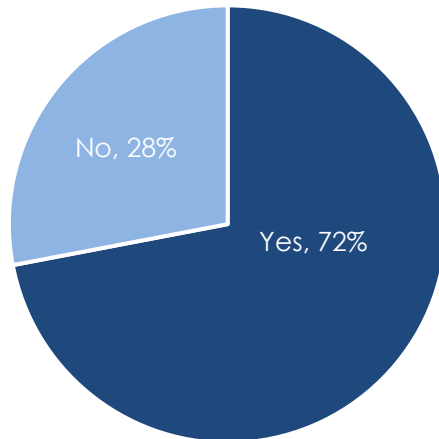


Awareness of the Energy from Waste Process

Q10a. Prior to this call, were you aware of this 'Energy from Waste' process?

	Overall	Gender		Age			Town/Village		
		Male	Female	18-49	50 – 64	65+	Bungonia/ Marulan/ Windellama	Goulburn	Other towns/ villages
Yes %	72%	85%▲	59%	68%	73%	80%▲	79%	69%	79%
Base	405	203	202	199	105	101	64	277	64

	Ratepayer status		Children under the age of 18 living at home?		Time lived in the area			Has a residential waste collection service at home	
	Ratepayer	Non-ratepayer	Yes	No	Up to 10 years	11 – 20 years	More than 20 years	Yes	No
Yes %	75%▲	57%	70%	73%	57%▼	73%	77%▲	69%	78%
Base	345	59	163	241	93	87	224	269	136



Base: N=405

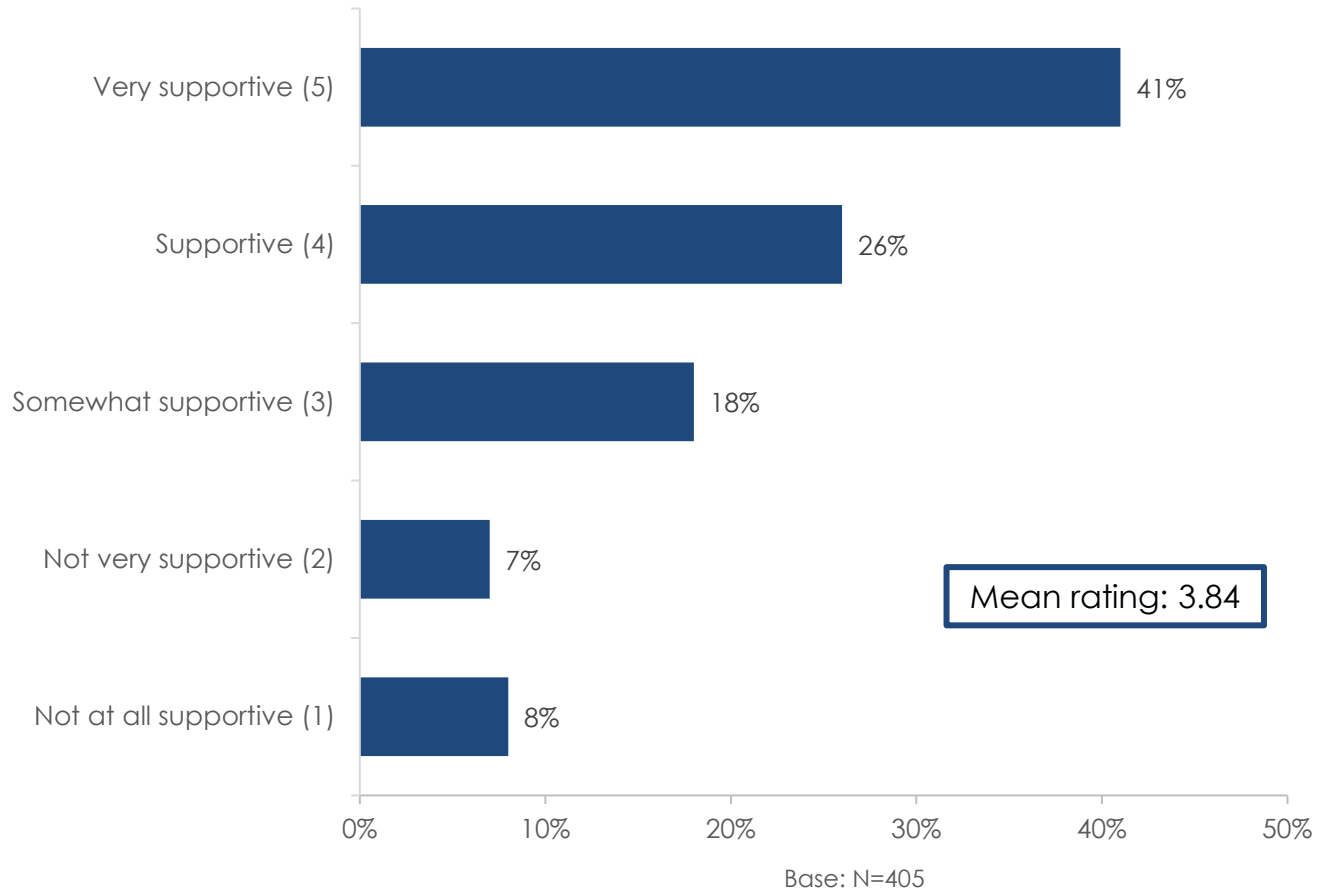
	Q13a. Aware of the proposal to build an Energy from Waste facility near Bungonia	
	Yes	No
Yes %	88%▲	56%
Base	201	204

▲ ▼ = A significantly higher/lower percentage (by group)

Overall, 72% of residents were already aware of the Energy from Waste process. Males, older residents (aged 65+), ratepayers, and those that have been in the area for more than 20 years were significantly more likely to be aware of this process.

Support for Building and Operating Energy from Waste Facilities in Australia

Q10b. How supportive, if at all, are you of Governments supporting private industry to build and operate Energy from Waste facilities in Australia?



Scale: 1 = not at all supportive, 5 = very supportive

Overall support for building and operating Energy from Waste facilities in Australia is high, with 85% of residents being at least somewhat supportive – and two thirds ‘committing’ to the top two codes.

Support for Building and Operating Energy from Waste Facilities in Australia

Q10b. How supportive, if at all, are you of Governments supporting private industry to build and operate Energy from Waste facilities in Australia?

	Overall	Gender		Age			Town/Village		
		Male	Female	18-49	50 – 64	65+	Bungonia/ Marulan/ Windellama	Goulburn	Other towns/ villages
Mean rating	3.84	3.78	3.90	3.97	3.56▼	3.88	3.40▼	3.99▲	3.63
Base	405	203	202	199	105	101	64	277	64

	Ratepayer status		Children under the age of 18 living at home?		Time lived in the area			Has a residential waste collection service at home	
	Ratepayer	Non-ratepayer	Yes	No	Up to 10 years	11 – 20 years	More than 20 years	Yes	No
Mean rating	3.84	3.87	3.88	3.83	3.80	3.86	3.86	3.99▲	3.56
Base	345	59	163	241	93	87	224	269	136

	Q10a. Aware of the 'energy from waste' process		Q13a. Aware of the proposal to build an 'energy from waste' facility near Bungonia	
	Yes	No	Yes	No
Mean rating	3.80	3.95	3.73	3.95
Base	291	114	201	204

Scale: 1 = not at all supportive, 5 = very supportive

▲▼ = A significantly higher/lower level of support (by group)

Residents living in Bungonia, Marulan and Windellama (the areas closest to the proposed new facility) are significantly less supportive of building and operating Energy from Waste facilities in Australia – although even amongst this group 53% 'committed' to the top two support codes.

Reason for Level of Support for Building and Operating Energy from Waste Facilities in Australia

Q10b. How supportive, if at all, are you of Governments supporting private industry to build and operate Energy from Waste facilities in Australia?

Q10c. Why in particular are you (answer from Q10b) of governments supporting private industry to build and operate Energy from Waste facilities in Australia?

	Overall (N=405)	Q10b. Level of support			
		Not at all/not very supportive (N=60)	Somewhat supportive (N=75)	Supportive (N=404)	Very supportive (N=159)
It is a way of reducing the amount of waste going to landfill	18%	0%▼	1%	24%	29%▲
The process is a good idea/needs to be done	14%	0%▼	8%	12%	24%▲
This type of project is too advanced for Government/supports private industries	9%	0%▼	0%	16%▲	12%
A better use of waste	9%	0%▼	0%	17%▲	11%
Supportive of renewable energy/new technologies	4%	0%	0%	3%	9%▲
Creates jobs and income	5%	0%	2%	4%	8%▲
Everyone should be accountable/responsible for reducing waste going to landfill	4%	0%	0%	5%	8%▲
The environment needs to be protected/will benefit the environment	6%	0%	7%	6%	7%
Would like more information about the process	12%	28%▲	31%▲	5%	2%
Concerned about the amount of pollution/air quality and smell the facility will produce/impacts on the environment	6%	22%▲	8%	3%	2%
Believe there are better options for getting rid of waste	5%	19%▲	10%▲	0%	0%
This should be the Governments' responsibility	6%	14%▲	18%▲	1%	0%
Concerned that private industries will profit too much	2%	13%▲	3%	0%	0%
Completely against the idea/do not support	2%	10%▲	0%	0%	0%
Don't believe the facilities will be put in the appropriate places	2%	9%▲	4%	0%	0%
Concerned about how the local water quality and supply will be affected	2%	6%▲	3%	1%	0%

Note: Only the top responses are shown above. Please see Appendix A for full list of results

▲ ▼ = A significantly higher/lower rating (by level of support)

The main reasons that residents are 'very supportive' of building and operating Energy from Waste facilities in Australia include that these facilities would be helpful in reducing the amount of waste going to landfill, and that processing Waste to Energy is a good idea and is something that needs to be done. For those that are not at all/not very supportive of this idea, the main reason was a lack of information about the process, followed by concerns about pollution/air quality and a belief that there are better options.

Energy to Waste Facility Near Bungonia

Residents were then provided with the following information:

Jerrara Power is proposing to build and operate a facility near Bungonia to process up to 330,000 tonnes of residual household, commercial and industrial waste each year to generate electricity.

Residual waste, not suitable for recycling, would be sourced locally and from the Sydney Basin and transported to the facility where the waste would be thermally processed at a high temperature using combustion technology.

The heat from combustion would boil water to create steam. The steam will drive a turbine connected to a generator to produce electricity. This power would be fed into the grid to power homes and businesses.

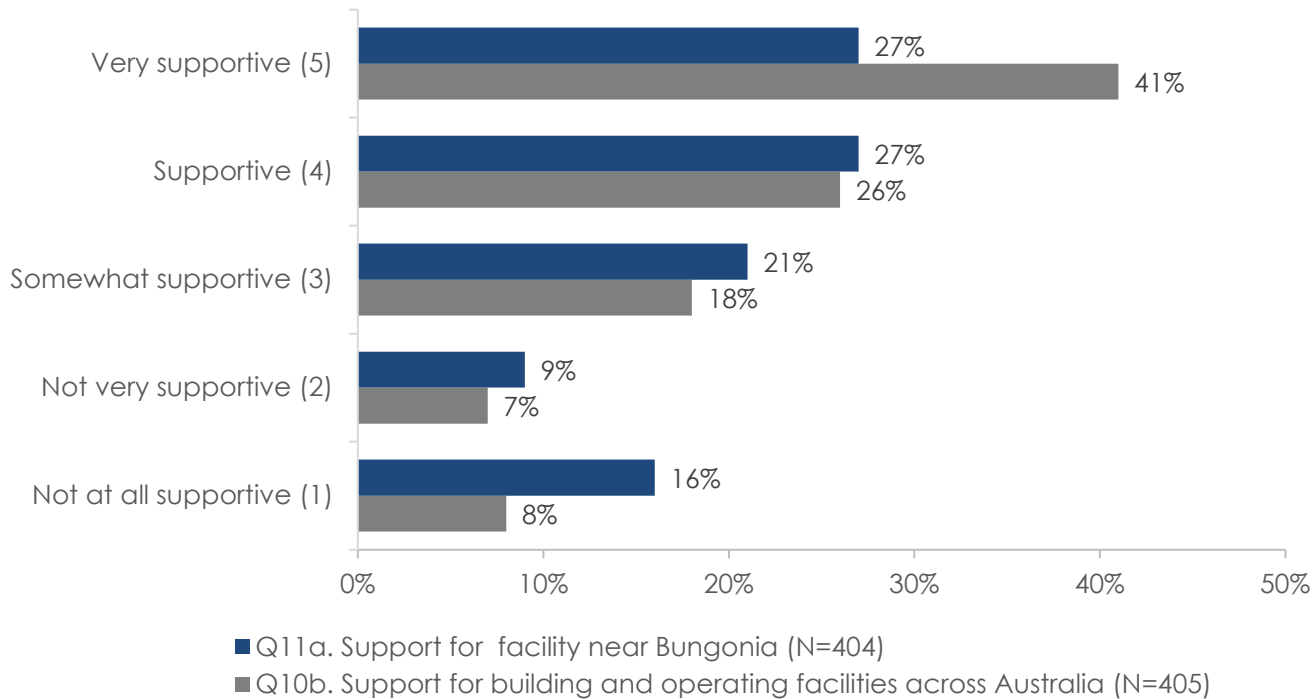
Once fully operational, the facility would generate about 30 megawatts of power to the grid. This is enough electricity to supply about 43,000 homes.



Support for Energy from Waste Facility to be Built Near Bungonia

Q11a. How supportive, if at all, are you of an Energy from Waste facility being built near Bungonia?

	Q11a. Support for Energy from Waste facility to be built near Bungonia	Q10b. Support for building and operating Energy from Waste facilities in Australia
Mean rating	3.40 ▼	3.84
Base	404	405



▲ ▼ = A significantly higher/lower level of support (by group)
 Scale: 1 = not at all supportive, 5 = very supportive

Note: 1 respondent refused to answer this question

75% of residents are at least somewhat supportive of an Energy from Waste facility being built near Bungonia – with a slim majority (54%) committing to the top two codes. Support for having a facility at this location is significantly lower than the general level of support for building and operating these facilities across Australia, suggesting that residents are supportive of the concept, but less so in their own backyard.

Support for Energy from Waste Facility to be Built Near Bungonia

Q11a. How supportive, if at all, are you of an Energy from Waste facility being built near Bungonia?

	Overall	Gender		Age			Town/Village		
		Male	Female	18-49	50 – 64	65+	Bungonia/ Marulan/ Windellama	Goulburn	Other towns/ villages
Mean rating	3.40	3.47	3.34	3.60▲	2.91▼	3.52	2.63▼	3.63▲	3.19
Base	404	203	201	199	104	101	64	276	64

	Ratepayer status		Children under the age of 18 living at home?		Time lived in the area			Has a residential waste collection service at home	
	Ratepayer	Non-ratepayer	Yes	No	Up to 10 years	11 – 20 years	More than 20 years	Yes	No
Mean rating	3.37	3.62	3.52	3.33	3.35	3.30	3.47	3.64▲	2.93
Base	344	59	163	240	93	87	224	268	136

	Q10a. Aware of the 'energy from waste' process		Q13a. Aware of the proposal to build an 'energy from waste' facility near Bungonia	
	Yes	No	Yes	No
Mean rating	3.38	3.45	3.25▼	3.55
Base	291	114	201	203

▲ ▼ = A significantly higher/lower level of support (by group)

Residents living in Bungonia, Marulan and Windellama are significantly less supportive of the Energy from Waste facility being built near Bungonia, with a mean score of 2.63 out of 5 – and only 31% 'committed' to the top two support codes (whilst 46% committed to the bottom two codes).

Those that were already aware of the proposal are also significantly less supportive, as are those residents without a waste collection service at home.

Reasons for Residents Level of Support Towards the Energy from Waste Facility Being Built Near Bungonia

Q11a. How supportive, if at all, are you of an energy from Waste facility being built near Bungonia?

Q11b. Why in particular are you (answer from Q11a) of an Energy from Waste facility being built near Bungonia?

	Overall (N=404)	Q11b. Level of support			
		Not at all/not very supportive (N=100)	Somewhat supportive (N=85)	Supportive (N=111)	Very supportive (N=104)
Creates jobs/income	12%	0% ▼	5%	19% ▲	24% ▲
The process is a great idea/needs to be done	12%	0% ▼	0%	22% ▲	23% ▲
It is a way of reducing the amount of waste going to landfill	6%	0% ▼	0%	8%	15% ▲
Bungonia is an ideal place for the facility to be e.g. not a large population, it is away from the city	7%	0% ▼	1%	11%	14% ▲
Supportive as long as it is managed appropriately	7%	0% ▼	5%	10%	13% ▲
The environment needs to be protected	10%	0% ▼	22% ▲	8%	12%
Supportive of renewable energy/new and alternative technologies	3%	0% ▼	0%	4%	9% ▲
A better use of waste	4%	0% ▼	0%	8% ▲	6%
Concerned about the amount of pollution/smell the facility will produce/impacts on the environment	17%	42% ▲	18%	8%	2% ▼
Concerns about the safety of roads in the area/increased trucks on the road/ how the waste will be transported	12%	31% ▲	16%	3%	1% ▼
Do not believe this is a suitable location/do not want it near my house	7%	22% ▲	4%	0%	1% ▼
Would like more information about the process	14%	20%	29% ▲	9%	2% ▼
Concerned about how much it will impact local residents	7%	18% ▲	7%	4%	2% ▼
Waste should be managed in the area where it is created	6%	13% ▲	13% ▲	1%	0% ▼
It will ruin the rural/country town feel of the area	3%	8% ▲	3%	2%	0%

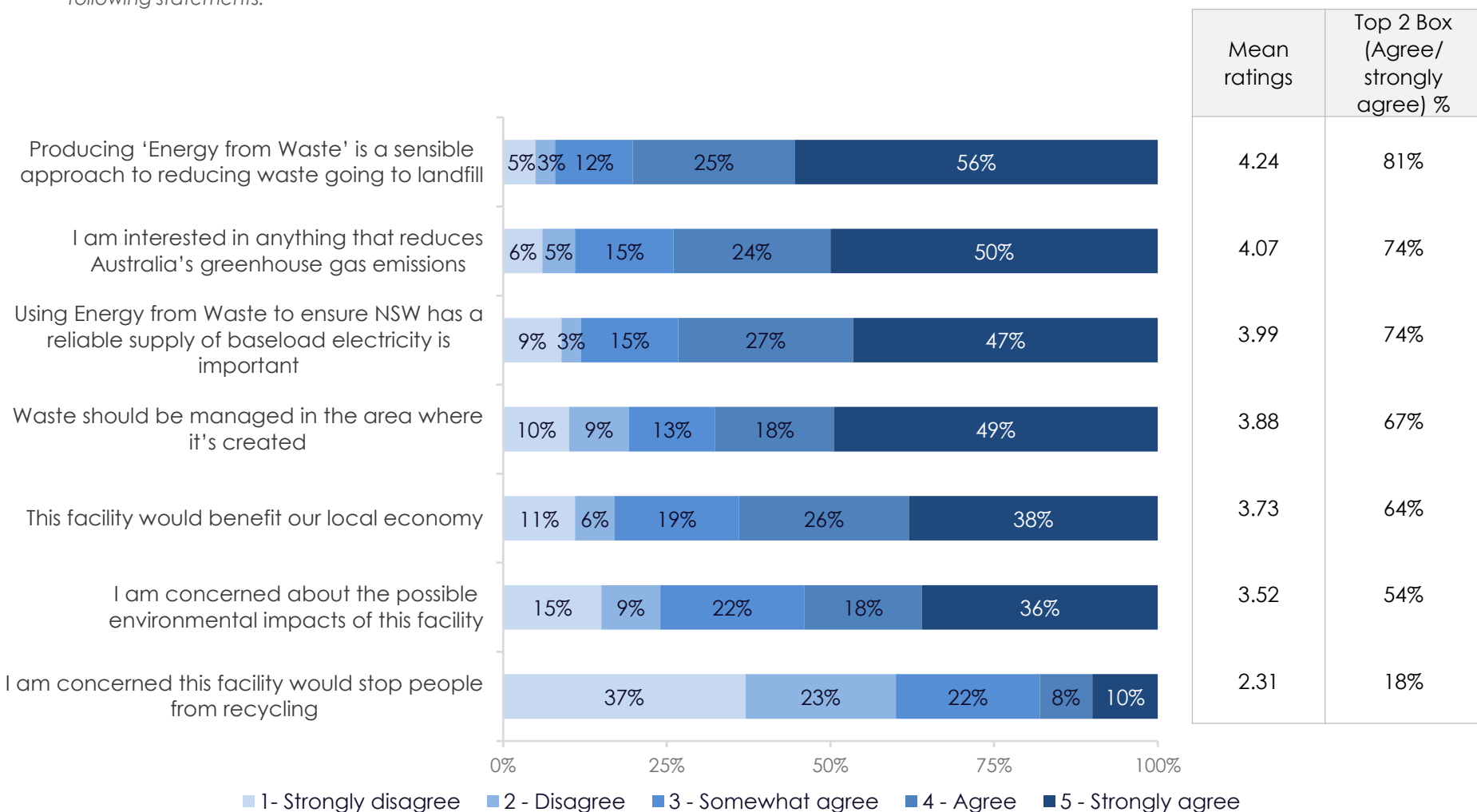
Note: Only the top responses are shown above. Please see Appendix A for full list of results

▲ ▼ = A significantly higher/lower percentage (by level of support)

Creating jobs and income was the main reason for residents to be 'very supportive' of an Energy from Waste facility being built near Bungonia. For those that are 'not very/not at all supportive', the main reason is that they are concerned about the amount of pollution the facility would produce/the impact of this on the environment, and local road safety. One in five of those who were not supportive indicated they would like more information.

Agreement Statements

Q12. Still thinking about the proposal to build an Energy from Waste facility near Bungonia. Please indicate how strongly you agree or disagree with each of the following statements.



Base: N=404-405

Scale: 1 = strongly disagree, 5 = strongly agree

The pattern of responses above (particularly looking at the 'strongly agree' scores) reflects earlier findings:

- Agreement is highest for the three broad sustainability statements.
- However, there are polarised responses in terms of the proposed EfW plant at Bungonia – some see it as an economic benefit, while others are concerned about the environmental impacts.
- As an aside, two thirds agree that waste should be managed where it is created,

Agreement Statements

Q12. Still thinking about the proposal to build an Energy from Waste facility near Bungonia. Please indicate how strongly you agree or disagree with each of the following statements.

	Overall	Gender		Age			Town/Village		
		Male	Female	18-49	50 – 64	65+	Bungonia/ Marulan/ Windellama	Goulburn	Other towns/ villages
Producing 'Energy from Waste' is a sensible approach to reducing waste going to landfill	4.24	4.25	4.23	4.29	4.13	4.26	3.89▼	4.35▲	4.13
I am interested in anything that reduces Australia's greenhouse gas emissions	4.07	3.87	4.27▲	4.14	3.92	4.09	3.79	4.12	4.13
Using Energy from Waste to ensure NSW has a reliable supply of baseload electricity is important	3.99	4.02	3.97	3.99	3.83	4.16	3.59▼	4.13▲	3.78
Waste should be managed in the area where it's created	3.88	3.79	3.97	3.80	3.97	3.96	4.25▲	3.78▼	3.97
This facility would benefit our local economy	3.73	3.81	3.65	3.88▲	3.47▼	3.70	2.75	4.01▲	3.51
I am concerned about the possible environmental impacts of this facility	3.52	3.31	3.74▲	3.48	3.73	3.39	4.09▲	3.35▼	3.70
I am concerned this facility would stop people from recycling	2.31	2.20	2.43	2.28	2.30	2.40	2.22	2.33	2.32
Base	404-405	203+	202+	199+	105+	100+	64+	277+	64+

Scale: 1 = strongly disagree, 5 = strongly agree
▲ ▼ = A significantly higher/lower level of agreement (by group)

Those living in Bungonia, Marulan and Windellama are significantly less likely to agree that 'producing Energy from Waste is a sensible approach to reducing waste going to landfill' and that 'using Energy from Waste to ensure NSW has a reliable supply of baseload electricity is important'. They are also less convinced about the economic benefits of the proposed EfW plant and more concerned about its environmental impacts.

Agreement Statements

Q12. Still thinking about the proposal to build an Energy from Waste facility near Bungonia. Please indicate how strongly you agree or disagree with each of the following statements.

	Overall	Ratepayer status		Children under the age of 18 living at home?		Time lived in the area			Has a residential waste collection service at home	
		Ratepayer	Non-ratepayer	Yes	No	Up to 10 years	11 – 20 years	More than 20 years	Yes	No
Producing 'Energy from Waste' is a sensible approach to reducing waste going to landfill	4.24	4.22	4.39	4.27	4.23	4.21	4.32	4.23	4.40▲	3.93
I am interested in anything that reduces Australia's greenhouse gas emissions	4.07	4.06	4.14	4.06	4.08	4.25	3.93	4.06	4.14	3.93
Using Energy from Waste to ensure NSW has a reliable supply of baseload electricity is important	3.99	3.95	4.26▲	3.89	4.06	4.01	3.93	4.02	4.14▲	3.71
Waste should be managed in the area where it's created	3.88	3.89	3.88	3.80	3.94	3.84	3.94	3.88	3.76▼	4.12
This facility would benefit our local economy	3.73	3.70	3.93	3.88	3.63	3.79	3.61	3.75	3.99▲	3.21
I am concerned about the possible environmental impacts of this facility	3.52	3.56	3.30	3.49	3.55	3.75	3.51	3.44	3.34	3.88
I am concerned this facility would stop people from recycling	2.31	2.26	2.60	2.18	2.40	2.32	2.47	2.25	2.32	2.30
Base	404-405	345+	59+	163+	240+	93+	87+	223+	268+	136

Scale: 1 = strongly disagree, 5 = strongly agree
▲ ▼ = A significantly higher/lower level of agreement (by group)

Residents with a residential waste collection service at home are more likely to agree that 'producing energy from waste is a sensible approach to reducing waste going to landfill', that 'using Energy from Waste to ensure NSW has a reliable supply of baseload electricity is important' and that the 'facility would benefit the local economy'.

Agreement Statements

Q12. Still thinking about the proposal to build an Energy from Waste facility near Bungonia. Please indicate how strongly you agree or disagree with each of the following statements.

	Overall	Q10a. Aware of the Energy from Waste process		Q13a. Aware of the proposal to build an Energy from Waste facility near Bungonia	
		Yes	No	Yes	No
Producing 'Energy from Waste' is a sensible approach to reducing waste going to landfill	4.24	4.24	4.26	4.11▼	4.37
I am interested in anything that reduces Australia's greenhouse gas emissions	4.07	3.98▼	4.32	3.84▼	4.30
Using Energy from Waste to ensure NSW has a reliable supply of baseload electricity is important	3.99	3.92	4.17	3.88	4.11
Waste should be managed in the area where it's created	3.88	3.91	3.81	3.85	3.92
This facility would benefit our local economy	3.73	3.67	3.89	3.45▼	4.00
I am concerned about the possible environmental impacts of this facility	3.52	3.46	3.68	3.62	3.43
I am concerned this facility would stop people from recycling	2.31	2.24	2.51	2.24	2.39
Base	404-405	291	114	201	204

Scale: 1 = strongly disagree, 5 = strongly agree

▲ ▼ = A significantly higher/lower level of agreement (by group)

Base: N=404-405

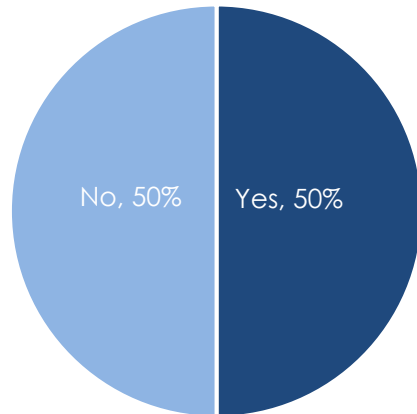
Residents that were already aware of the proposal to build an Energy from Waste facility near Bungonia, are less likely to agree that, 'producing Energy from Waste is a sensible approach to reducing waste going to landfill', that they are 'interested in anything that reduces Australia's emissions', and that 'this facility would benefit our local economy'.

Awareness of the Energy from Waste from Waste Facility Near Bungonia

Q13a. Prior to this call, were you aware of the proposal to build an 'Energy from Waste' processing facility near Bungonia?

	Overall	Gender		Age			Town/Village		
		Male	Female	18-49	50 – 64	65+	Bungonia/ Marulan/ Windellama	Goulburn	Other towns/ villages
Yes %	50%	56%▲	43%	46%	52%	54%	83%▲	43%▼	47%
Base	405	203	202	199	105	101	64	277	64

	Ratepayer status		Children under the age of 18 living at home?		Time lived in the area			Has a residential waste collection service at home	
	Ratepayer	Non-ratepayer	Yes	No	Up to 10 years	11 – 20 years	More than 20 years	Yes	No
Yes %	51%	42%	48%	51%	41%	51%	53%	43%▼	62%
Base	345	59	163	241	93	87	224	269	136



Base: N=405

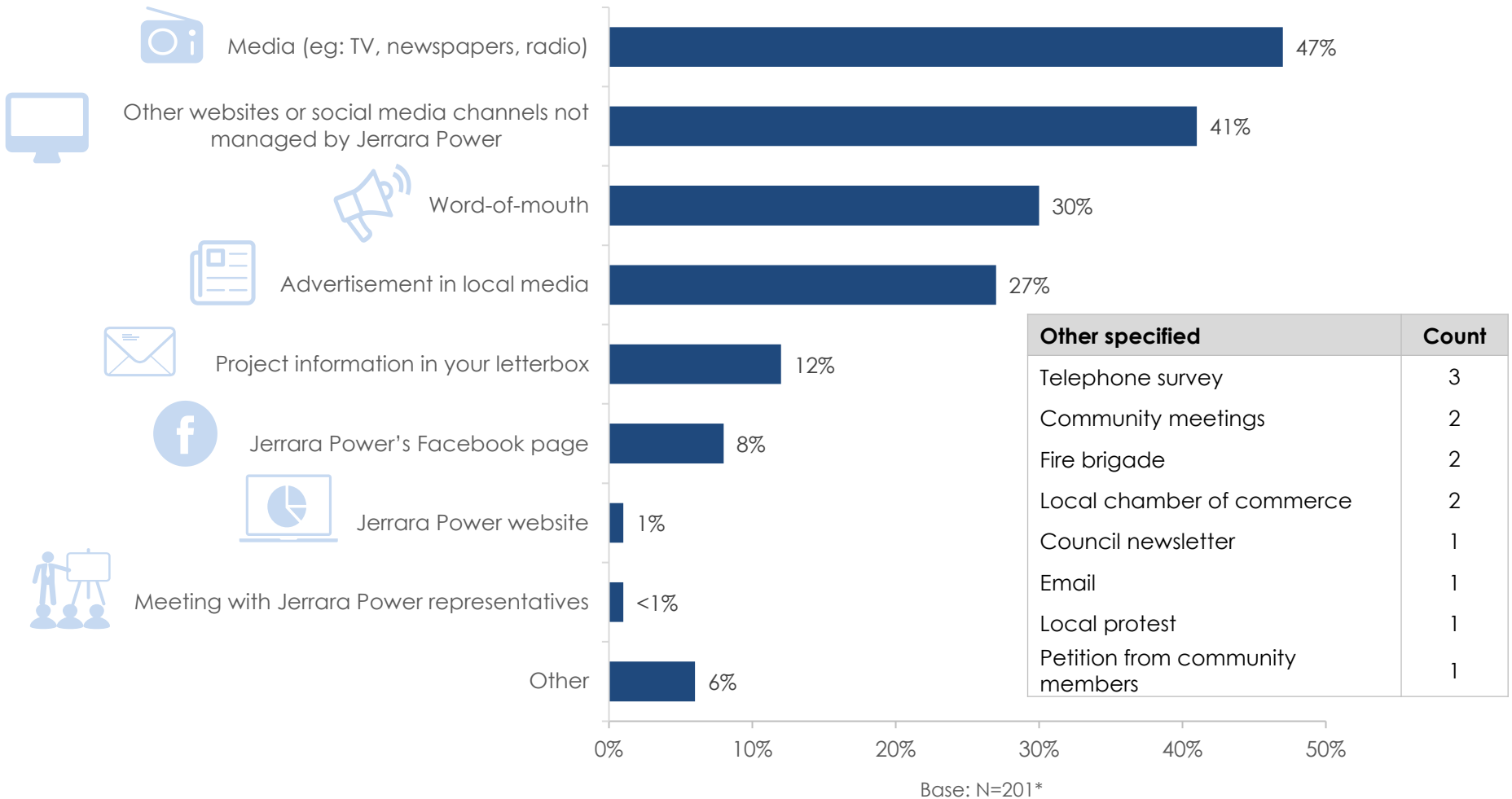
	Q10a. Aware of the Energy from Waste process	
	Yes	No
Yes %	61%▲	21%
Base	291	114

▲ ▼ = A significantly higher/lower percentage (by group)

Half of residents were already aware of the proposal to build an Energy from Waste processing facility near Bungonia. Those living in the suburbs closest to the proposed development (Bungonia, Marulan and Windellama), are more likely to be aware of this proposal.

Sourcing Information about the Proposal

Q13b. (If yes on Q13a) How did you become aware of the proposal to build an 'Energy from Waste' processing facility near Bungonia?



*Note: Only those that were aware of the proposal to build a facility near Bungonia were asked this question

For those already aware of the proposal to build an Energy from Waste facility near Bungonia, media such as TV, newspapers and radio, and other websites or social media channels not managed by Jerrara Power were the most common ways of becoming aware of the proposal.

Jerrara's own website/social media appear to have had little reach.

Sourcing Information about the Proposal

Q13b. (If yes on Q13a) How did you become aware of the proposal to build an 'Energy from Waste' processing facility near Bungonia?

	Overall	Gender		Age			Town/Village		
		Male	Female	18-49	50 – 64	65+	Bungonia/ Marulan/ Windellama	Goulburn	Other towns/ villages
Media (eg: TV, newspapers, radio)	47%	43%	51%	37%▼	48%	61%▲	21%▼	60%▲	39%
Other websites or social media channels not managed by Jerrara Power	41%	44%	36%	58%▲	42%	11%▼	43%	38%	47%
Word-of-mouth	30%	32%	28%	25%	43%▲	28%	51%▲	17%▼	47%
Advertisement in local media	27%	30%	22%	23%	25%	33%	12%▼	33%▲	27%
Project information in your letterbox	12%	12%	12%	11%	15%	12%	36%▲	4%▼	2%▼
Jerrara Power's Facebook page	8%	11%	4%	13%▲	5%	2%▼	4%	10%	6%
Jerrara Power website	1%	2%	0%	2%	2%	0%	3%	0%	3%
Meeting with Jerrara Power representatives	1%	1%	0%	0%	2%	1%	3%▲	0%	0%
Other	6%	8%	4%	4%	12%▲	4%	9%	6%	3%
Base (those aware of proposed facility)	201	114	87	92	55	55	53	118	30

▲ ▼ = A significantly higher/lower percentage (by group)

Residents living in Bungonia, Marulan and Windellama are more likely than other residents to have been made aware of the proposal via word of mouth, project information in their letterboxes, and meetings with Jerrara Power representatives.

Sourcing Information about the Proposal

Q13b. (If yes on Q13a) How did you become aware of the proposal to build an 'Energy from Waste' processing facility near Bungonia?

	Ratepayer status		Children under the age of 18 living at home?		Time lived in the area			Has a residential waste collection service at home	
	Ratepayer	Non-ratepayer	Yes	No	Up to 10 years	11 – 20 years	More than 20 years	Yes	No
Media (eg: TV, newspapers, radio)	47%	43%	39%	52%	39%	42%	51%	55%▲	35%
Other websites or social media channels not managed by Jerrara Power	40%	47%	58%▲	30%	42%	62%▲	32%▼	42%	39%
Word-of-mouth	32%	18%	21%▼	37%	18%	31%	35%	17%▼	49%
Advertisement in local media	28%	20%	20%	31%	10%▼	38%	28%	33%▲	19%
Project information in your letterbox	14%	4%	9%	14%	9%	11%	14%	8%▼	18%
Jerrara Power's Facebook page	7%	14%	16%▲	2%	17%▲	12%	3%▼	10%	4%
Jerrara Power website	2%	0%	3%	0%	4%	2%	0%	0%	3%
Meeting with Jerrara Power representatives	1%	0%	0%	1%	0%	0%	1%	0%	2%
Other	6%	10%	4%	7%	7%	1%	8%	6%	7%
Base (those aware of proposed facility)	176	25	79	122	38	45	118	116	85

▲ ▼ = A significantly higher/lower percentage (by group)

Those that have children under the age of 18 living at home are more likely to have sourced their information about the proposal from Jerrara Power's Facebook Page and other websites or social media channels not managed by Jerrara Power.

Further Comments About the Proposal

Q14. Are there any other comments you would like to make about the proposal to build an 'Energy from Waste' facility near Bungonia?

Additional comments	N=341
More information about the facility and its impacts is needed	17%
Think the facility is a good idea/needs to be done	13%
Would prefer the facility to be built somewhere else e.g. Sydney/away from National Parks	9%
Concerned about how the roads in the area will handle the increased traffic/increased amount of trucks	7%
Concerned about facility creating pollution/bad smell and air quality	6%
Concerned about the impacts of this on the environment and wildlife	6%
Believe it will be good for bringing jobs to the area/beneficial to the economy	5%
Need to ensure that local residents are not impacted too much	5%
Not supportive of this facility	4%
Believe there are other options for reducing the amount of waste going to landfill/creating energy	3%
More community involvement in the building of the facility/listen to community feedback	3%
Supportive as long as it is carried out appropriately	3%
Concerned about losing the rural/country feel of the area	1%
Concerned that the value of housing and land will decrease because of this	1%
Make it happen quickly	1%
Money should be given back to the community	1%
Utilise the existing facility more	1%
Waste should be managed in the area where it is created	1%
Would ensure processes are done locally instead of overseas	1%
Concern about bi-products management	<1%
Supportive as long as it is safe	<1%
Supportive of this idea as long as it will not be the only one being built	<1%
Will be a good thing to do for the environment	<1%
Worried about how much this will cost	<1%
Would reduce costs for residents e.g. cheaper power, lower tip fees	<1%
No further comments	36%

Please see Appendix A for verbatims for codes ≥3%

Other comments related to residents wanting more information about the facility and its impacts on the community – followed by the polarised responses of 'believe the facility is a good idea' and 'build elsewhere'.

Verbatim comments for the above main codes are provided in Appendix A.



Appendix A: Additional Analysis

Reasons for Residents Level of Support Towards Energy from Waste Facilities

Q10b. How supportive, if at all, are you of Governments supporting private industry to build and operate Energy from Waste facilities in Australia?

Q10c. Why in particular are you (answer from Q10b) of governments supporting private industry to build and operate Energy from Waste facilities in Australia?

	Overall (N=405)	Q10b. Level of support			
		Very supportive (N=159)	Supportive (N=104)	Somewhat supportive (N=75)	Not at all supportive/ Not very supportive (N=60)
It is a way of reducing the amount of waste going to landfill	18%	0%▼	1%▼	24%	29%▲
The process is a good idea/needs to be done	14%	0%▼	8%	12%	24%▲
Would like more information about the process	12%	28%▲	31%▲	5%▼	2%▼
This type of project is too advanced for Government/supports private industries	9%	0%▼	0%▼	16%▲	12%
A better use of waste	9%	0%▼	0%▼	17%▲	11%
Concerned about the amount of pollution/air quality and smell the facility will produce/impacts on the environment	6%	22%▲	8%	3%▼	2%▼
The environment needs to be protected/will benefit the environment	6%	0%	7%	6%	7%
This should be the Governments' responsibility	6%	14%▲	18%▲	1%▼	0%▼
Believe there are better options for getting rid of waste	5%	19%▲	10%▲	0%▼	0%▼
Creates jobs and income	5%	0%	2%	4%	8%▲
Everyone should be accountable/responsible for reducing waste going to landfill	4%	0%	0%	5%	8%▲
Supportive of renewable energy/new technologies	4%	0%	0%	3%	9%▲
Supportive as long as it is managed appropriately	4%	0%	1%	10%▲	3%

▲ ▼ = A significantly higher/lower percentage (by level of support)

Reasons for Residents Level of Support Towards Energy from Waste Facilities

Q10b. How supportive, if at all, are you of Governments supporting private industry to build and operate Energy from Waste facilities in Australia?

Q10c. Why in particular are you (answer from Q10b) of governments supporting private industry to build and operate Energy from Waste facilities in Australia?

	Overall (N=405)	Q10b. Level of support			
		Very supportive (N=159)	Supportive (N=104)	Somewhat supportive (N=75)	Not at all supportive/ Not very supportive (N=60)
An affordable way to reduce waste and generate energy/reduce energy costs	3%	0%	1%	1%	6%▲
Concerned that private industries will profit too much	2%	13%▲	3%	0%	0%▼
It is a forward way of managing waste/important for the future	2%	0%	0%	3%	3%
Don't believe the facilities will be put in the appropriate places	2%	9%▲	4%	0%	0%▼
Aware that the process is effective e.g. it is working overseas	2%	0%	0%	2%	3%
Concerned about how the local water quality and supply will be affected	2%	6%▲	3%	1%	0%
Would be beneficial to the community and Australia	2%	0%	0%	4%▲	2%
Reduces greenhouse emissions/carbon footprint	2%	0%	0%	2%	3%▲
Better use of resources	2%	0%	1%	1%	3%
Lack of trust in private companies	2%	1%	7%▲	0%	0%
Completely against the idea/do not support	2%	10%▲	0%	0%	0%
Don't believe it is the right thing to do/currently not convinced	1%	0%	8%▲	0%	0%
Concerned about the cost of running this type of facility	1%	0%	3%	3%	0%▼

▲ ▼ = A significantly higher/lower percentage (by level of support)



Reasons for Residents Level of Support Towards Energy from Waste Facilities

Q10b. How supportive, if at all, are you of Governments supporting private industry to build and operate Energy from Waste facilities in Australia?

Q10c. Why in particular are you (answer from Q10b) of governments supporting private industry to build and operate Energy from Waste facilities in Australia?

	Overall (N=405)	Q10b. Level of support			
		Very supportive (N=159)	Supportive (N=104)	Somewhat supportive (N=75)	Not at all supportive/ Not very supportive (N=60)
Cleaner/more natural source of energy	1%	0%	0%	2%	2%
These facilities enable waste to be processed in Australia rather than overseas	1%	0%	0%	4%▲	0%
Private industry will be quicker/more efficient in carrying out this project	1%	0%	6%▲	0%	0%
Don't believe it would benefit the community	1%	5%▲	2%	0%	0%
Concerns about the dangerous roads to and from the site	1%	4%▲	2%	0%	0%
Waste should be managed in the area where it is created	1%	4%▲	1%	0%	0%
There are other things Government should be doing first	1%	0%	0%	1%	1%
Other things should be prioritised in terms of finances	1%	0%	1%	2%	0%
As rural land owners we are responsible for getting rid of our own waste	1%	4%▲	0%	0%	0%
Would increase the cost of power/too expensive to run	0%	3%▲	0%	0%	0%
There will be an oversupply of electricity	0%	3%▲	0%	0%	0%
Do not trust this will be carried out properly	0%	1%	0%	0%	1%
The issue needs to be considered by all residents first	0%	0%	1%▲	0%	0%
Don't know/nothing	2%	1%	5%	3%	0%▼

▲ ▼ = A significantly higher/lower percentage (by level of support)

Reasons for Residents Level of Support Towards the Energy from Waste Facility Being Built Near Bungonia

Q11a. How supportive, if at all, are you of an energy from Waste facility being built near Bungonia?

Q11b. Why in particular are you (answer from Q11a) of an Energy from Waste facility being built near Bungonia?

	Overall (N=404)	Q11a. Level of support			
		Not at all supportive/ Not very supportive (N=100)	Somewhat supportive (N=85)	Supportive (N=111)	Very supportive (N=104)
Concerned about the amount of pollution/smell the facility will produce/impacts on the environment	17%	42%▲	18%	8%▼	2%▼
Would like more information about the process	14%	20%	29%▲	9%	2%▼
Creates jobs/income	12%	0%▼	5%▼	19%▲	24%▲
The process is a great idea/needs to be done	12%	0%▼	0%▼	22%▲	23%▲
Concerns about the safety of roads in the area/increased trucks on the road/ how the waste will be transported	12%	31%▲	16%	3%▼	1%
The environment needs to be protected/will benefit the environment	10%	0%▼	22%▲	8%	12%
Concerned about how much it will impact local residents	7%	18%▲	7%	4%	2%▼
Supportive as long as it is managed appropriately	7%	0%▼	5%	10%	13%▲
Bungonia is an ideal place for the facility to be e.g. not a large population, it is away from the city	7%	0%▼	1%▼	11%	14%▲
Do not believe this is a suitable location/do not want it near my house	7%	22%▲	4%	0%▼	1%▼
Waste should be managed in the area where it is created	6%	13%▲	13%▲	1%▼	0%▼
It is a way of reducing the amount of waste going to landfill	6%	0%▼	0%▼	8%	15%▲
A better use of waste	4%	0%▼	0%	8%	6%
Supportive of renewable energy/new and alternative technologies	3%	0%▼	0%	4%	9%▲
It will ruin the rural/country town feel of the area	3%	8%▲	3%	2%	0%
Don't believe it would benefit the community	3%	5%	6%▲	0%	0%

▲ ▼ = A significantly higher/lower percentage (by level of support)

Reasons for Residents Level of Support Towards the Energy from Waste Facility Being Built Near Bungonia

Q11a. How supportive, if at all, are you of an energy from Waste facility being built near Bungonia?

Q11b. Why in particular are you (answer from Q11a) of an Energy from Waste facility being built near Bungonia?

	Overall (N=404)	Q11a. Level of support			
		Not at all supportive/ Not very supportive (N=100)	Somewhat supportive (N=85)	Supportive (N=111)	Very supportive (N=104)
Wouldn't impact me directly	2%	0%	0%	6%▲	2%
Concerned about how the local water quality and supply will be affected	2%	5%▲	3%	0%	2%
Health concerns	2%	5%	4%	0%	0%
An affordable way to reduce waste and generate energy/reduce energy costs	2%	0%	0%	4%▲	3%
Concerned about the cost of running this type of facility	2%	3%	5%▲	0%	1%
Would be beneficial to the community and Australia	2%	0%	0%	3%	4%
It is a forward way of managing waste/important for the future	2%	0%	0%	2%	5%▲
Better use of resources	2%	0%	0%	2%	4%▲
It is a good idea/good use of resources/needs to be done	2%	0%	7%▲	0%	0%
The facility will produce a lot of electricity/energy for the area	1%	0%	0%	4%▲	2%
Already have a facility in the area	1%	5%▲	1%	0%	0%
Believe there are better ways to get rid of/reduce the amount of waste and generate energy	1%	5%▲	0%	0%	0%
Aware that the process is effective e.g. it is working overseas	1%	0%	0%	1%	5%▲
Completely against the idea/do not support	1%	5%▲	0%	0%	0%
It will reduce the value of housing in the area	1%	4%	2%	0%	0%
Lack of trust in private companies	1%	3%	2%	0%	0%

▲ ▼ = A significantly higher/lower percentage (by level of support)

Reasons for Residents Level of Support Towards the Energy from Waste Facility Being Built Near Bungonia

Q11a. How supportive, if at all, are you of an energy from Waste facility being built near Bungonia?

Q11b. Why in particular are you (answer from Q11a) of an Energy from Waste facility being built near Bungonia?

	Overall (N=404)	Q11a. Level of support			
		Not at all supportive/ Not very supportive (N=100)	Somewhat supportive (N=85)	Supportive (N=111)	Very supportive (N=104)
There will be an oversupply of electricity/there is already enough energy	1%	4%▲	0%	0%	0%
Do not trust this will be carried out properly	1%	3%▲	0%	1%	0%
Reduces greenhouse emissions/carbon footprint	1%	0%	0%	2%	2%
Cleaner/more natural source of energy	1%	0%	0%	2%▲	0%
The facility would enable waste to be processed locally	0%	0%	0%	0%	2%
It is a good look for the Goulburn-Mulwaree area	0%	0%	0%	0%	2%
Concerned about where the waste would be stored	0%	0%	1%	0%	0%
There should be multiple facilities like this	0%	0%	0%	1%	0%
This facility should be funded and run by Government	0%	0%	1%	0%	0%
Everyone should be accountable/responsible for reducing waste going to landfill	0%	0%	0%	0%	0%
There are other things Government should be doing first	0%	0%	0%	0%	0%
Private industry will be quicker/more efficient in carrying out this project	0%	0%	0%	0%	0%
Other things should be prioritised in terms of finances	0%	0%	0%	0%	0%
The issue needs to be considered by all residents first	0%	0%	0%	0%	0%
As rural land owners we are responsible for getting rid of our own waste	0%	0%	0%	0%	0%
Concerned that private industries will profit too much	0%	0%	0%	0%	0%
Don't know/nothing	1%	1%	1%	2%	1%

▲ ▼ = A significantly higher/lower percentage (by level of support)

Further Comments About the Proposal – Verbatims

Q14. Are there any other comments you would like to make about the proposal to build an 'Energy from Waste' facility near Bungonia?

More information about the facility and its impacts is needed (17%)

Advise well so that people understand what it's about
Apart from this they really cannot say that they have gone to the public
Are they going to build a railway for it?
Community needs to be fully informed of the project before proceeding
Concerns that energy from waste is not green
Council should be providing more information towards residents
Details about how much rubbish can be stored there needed
Do a mail drop e.g. letting residents know about the proposed facility with information about the science behind it and the impacts on residents and the environment
Educate the community about the facility
Give residents more information on how it would be transported
Have a way for residents to sign up to get updates e.g. via email, not just social media
Would like to know how safe it is
How the Waste would be transported
I am going to have to get online and do some research about it, this is the first I've heard of it
I want to find out more details about it
I would like to know more about it, I don't think it should be where people live
Inform residents on how it would be transported
Information is required on inclusion of local waste
Information supplied to residents about the local environmental impacts of the facility
Interested about how the current business plan incorporates operation with local businesses as opposed to large-scale contractors outside the area
Is this grid going to be capable of handing another 33 megawatts?
Lack of information of the side effects of such a facility
Let residents have their say with more information
Like to see presentations and where they are going to put the facility

Note: Continues over page



Further Comments About the Proposal – Verbatims

Q14. Are there any other comments you would like to make about the proposal to build an 'Energy from Waste' facility near Bungonia?

More information about the facility and its impacts is needed (17%)

Local residents need to be made aware of what is happening with the project before it proceeds

More detail and information provided

More general information required on this development

More information is needed on how the waste combustion will be filtered and treated

More information is needed on how this facility will effect electrical infrastructure costs in the LGA

More information is needed on how this facility will impact local traffic

More information is needed on how this facility will impact residents electricity bills

More information needs to be communicated with residents about this project via letterbox drop

More information needs to be supplied to residents about local meetings involving this project

More information needs to be supplied to residents about this project

More information provided prior to enduring the project

Need for increased consultation/information with and towards residents

Need for looking at other countries to see impacts of the energy from waste facilities

Need information have no idea of what they are proposing

Need more description and information

Needs to be publicised more as I have never heard of this

Not enough information about the proposal

Not enough information about the proposal supplied to residents and organisations of the area

Not sure baseload should be used in this context, a bit of a loaded term

People are against it because they have not done their research

Residents of Goulburn how are they going to be made aware and are they aware of that

Share more information about the project with residents

Note: Continues over page



Further Comments About the Proposal – Verbatims

Q14. Are there any other comments you would like to make about the proposal to build an 'Energy from Waste' facility near Bungonia?

More information about the facility and its impacts is needed (17%)

- Share more information with residents
- The community is not well informed yet about this project
- The only one I know of is near Bungendore
- There is insufficient information
- There needs to be more information circulated to the community in the area
- Need a timeline of when this will be operational
- To be informed is crucial for close surround suburbs
- Want to know when it will be built
- Want to see the extractions of pollutants are world class
- Was only notified through a Facebook page
- We have not heard about this
- Where is the waste being transported from and to?
- Where will the source of water come from to turn to steam?
- Would have liked to hear about the project from more places e.g. on the news, letterbox drop
- Would have liked to hear about the project sooner
- Would like more clarity, information and community involvement in regards to this proposal
- Would like more information about the facility e.g. shared via letterbox drop or radio
- Would like more information about the project
- Would like more information on the particles that go into the air through the combustion process
- Would like more information provided to residents on the project location
- Would like more information to go out to the people in the area
- Would like to know more about the emissions that the facility would cause
- Would like tours to find out what the process is



Further Comments About the Proposal – Verbatims

Q14. Are there any other comments you would like to make about the proposal to build an 'Energy from Waste' facility near Bungonia?

Think the facility is a good idea/needs to be done (13%)

Anything that can be done with waste is really good
 As long as it is done in a sustainable way and is safe I agree 100%
 As long as its good for the town that's fine
 Fantastic idea and bad location
 Go for it we need to keep waste out of landfill
 Good alternative that reaps benefits for the community
 Good idea
 Good idea
 Good location for it
 Great idea
 Great idea to reduce carbon footprint however not the healthiest way to proceed
 Great idea to reduce landfill for energy
 Had a similar local facility nearby that was successful
 Happy to support it
 Happy to support it as long as it remains Australian owned and safe for the local community and nearby environment
 Happy with the idea
 Hope it goes ahead
 If it can be done it sounds like a good idea
 If it would service this little area it would be ok

In the right location, it could be a good idea but I am concerned about the gorge
 It would be good for the area, progress is good
 Its a good idea
 It's a good thing - provides work for people and offers a solution landfill
 Its another step in the right direction with sustainable energy
 Ok with burning plastics as it is petroleum based
 Positive use of waste
 Provided the project does not affect the local residents it is a great project
 Something needs to be done
 Such a small area and it is wonderful if this goes ahead
 Supportive of the proposed facility
 Supportive, as long as they get the waste from Goulburn
 Think its a good idea
 Think it's a good idea e.g. similar facilities are built in major cities overseas out of necessity
 This facility is a good idea
 Totally agree with the facility
 Where the facility is situated in Bungonia is a great location and makes sense for transportation
 Will benefit everyone
 Would wish them the best and hope this is passed as it will be a wonderful thing for our energy source and the people of our town



Further Comments About the Proposal – Verbatims

Q14. Are there any other comments you would like to make about the proposal to build an 'Energy from Waste' facility near Bungonia?

Would prefer the facility to be built somewhere else e.g. Sydney/away from National Parks (9%)

Already have a bio reactor in the area to process Sydney waste which is via Train

Better if the project was near the Woodlawn Mines

Build it closer to Sydney

Build it in Sydney instead

Built it further away from people

Bungonia is a nice little village I can't see a waste facility there because there is nowhere to put one

Can't see any issues with the facility so long as it's not near the national park

Do it somewhere else

Don't build it there build in Sydney as there's already problems in Tarago

Don't think it will happen because its near a national park.

Don't want rubbish coming in from Sydney via train or road because it will ruin the atmosphere of Bungonia

Don't want waste to be transported near the national park

Facility should be built somewhere else

Feels it will never happen because our local government is corrupt e.g. NSW and federal government stop most industrial facilities in the area, including growth of the region, because we're a water facility for Sydney

I don't see the point of driving 4 hours to process their waste here.

If they bring waste from Sydney it would be not very nice at all because the smell and we don't need their rubbish

Is Bungonia a good are to do it, or are there better places to do it?

Its going in the wrong place they need to put it in a better place

It's not far from the National Parks and may pollute houses and farms

It's too close to the local area

Note: Continues over page



Further Comments About the Proposal – Verbatims

Q14. Are there any other comments you would like to make about the proposal to build an 'Energy from Waste' facility near Bungonia?

Would prefer the facility to be built somewhere else e.g. Sydney/away from National Parks (9%)

Just as long as it is not too close to residential area

Keep the Sydney waste in Sydney and processed in Sydney

LGA isn't suitable for this type of facility

Might not be able to deal with all the waste from Sydney

Needs to be as far from residential areas as possible

Prefer the facility be built on existing land used for waste management to minimise affects

Put one in Tarago

Quickly thinking should not be built right near homes and the village

Should be built closer to a rail access

Take it somewhere else with less population

Tarago would be a more suitable location

The grid doesn't have the capacity to take it

They should have this facility closer to the majority of people using it.

This facility needs to be built in Sydney

Thought the waste facility was going to be built somewhere else

Too far for Sydney waste to be transported, too many trucks on the local roads

We already have a facility in the area that collects waste from Sydney, and there is too much traffic for small country roads

We have become a dumping ground for Sydney's rubbish

Why can't they build the facility somewhere further away from people

Why should we have to deal with Sydney rubbish



Further Comments About the Proposal – Verbatims

Q14. Are there any other comments you would like to make about the proposal to build an 'Energy from Waste' facility near Bungonia?

Concerned about how the roads in the area will handle the increased traffic/increased amount of trucks (7%)	
Better roads for the transport trucks	Infrastructure capacity not developed enough for inflow of trucks
Can't see why community would be against it, so long as due diligence is done e.g. ensuring roads for transporting waste are maintained and community is kept on side and involved in decision making	Infrastructure for the project needs to be in place e.g. roads in Bungonia are not good and need to be maintained as not to deteriorate from transporting waste
Compounding the existing issues with roads and trucks in the local area	Managing truck movement in the area
Concern: traffic due to trucks on the road	Needs increased road infrastructure and access
Concerned about the impact on road transport infrastructure	Not suitable for local infrastructure such as roads
Concerned about the impact on traffic flow	Not suitable roads for transport
Concerned about where the water comes from (are we taking it away from farmers?), roads need to be widened and maintained, will there be a bad odour?	Only concern I have is regarding the amount of traffic it will bring to the community
Concerned of safety impacts of increased trucks in area e.g. implications for children going to school in the area	People that live in Bungonia would be concerned about the facility impacting traffic
Concerned about impacts increased trucks would have on infrastructure e.g. roads driven on by families and potential impacts on road safety	Prefer that waste be transported by train to the facility as they do at the Woodlawn Veolia facility to reduce stress on the road system
Concerns on traffic and how they would navigate around the facility	Road maintenance should be offset by these companies with trucks, and this is not happening enough now
Construction would damage roads around the area	Roads in the area are already sub-standard
Costs of roads, it not cost effective	Roads will not support trucks
Fix the roads - potholes, too narrow, rough	Watching our local roads become degraded because of traffic
Impact on roads	Will it generate more traffic and will it impact the roads in that area
Increase in infrastructure to support trucks	Worries how the waste is going to get to the site, don't want any more trucks using the roads that need to be fixed already

Further Comments About the Proposal – Verbatims

Q14. Are there any other comments you would like to make about the proposal to build an 'Energy from Waste' facility near Bungonia?

Concerned about the facility creating pollution/bad smell and air quality (6%)

- Air quality due to high wind areas carrying toxins (we have wind turbines)
- Concerned about particulate matter from the facility
- Concerned about the smell of the burning rubbish
- Concerned about impacts of the facility e.g. odour, wind, dust, waterway leeching, increased road traffic
- Concerned about size and emissions of the facility and effect on the area
- Concerned about the level of CO2 that is produced as would like to know it is carbon neutral
- Don't agree with the term climate change, it should be referred to as climate pollution
- Don't put it near your community, make in a 10000 acre paddock where you can't smell it
- Dust particles from burning off and it's effect on the local and surrounding areas
- I am concerned about the smell
- Contamination
- I would hate to think of the smell
- If it's anything like the Tarago facility it's a big mistake e.g. due to the impact it has on air quality, it smells like chemicals and rotten eggs
- If there is pollution then we are against the project
- It's going to affect residents with the bad smell
- Need to ensure there is minimal noise in the area
- Not exactly in my backyard but I understand the concerns with the emissions created by the facility in the local area
- Not sure about the emissions is this safe
- Place to reduce transport area smell
- Producing toxic waste into the air might outweigh the benefits of reducing landfill
- Residents who are here bought here to live in fresh air
- Stake holders that live in that area should have a say, reduce pollution and effect to landfills
- To reinforce that no pollution would affect local residents
- Very concerned about air pollution and further waste created from this facility
- Very concerned about impacts of emissions e.g. odour, debris, noise, and how far it would travel
- Waste mileage – smell
- Worried about the created smell



Further Comments About the Proposal – Verbatims

Q14. Are there any other comments you would like to make about the proposal to build an 'Energy from Waste' facility near Bungonia?

Concerned about the impacts of this on the environment and wildlife (6%)

All the garbage that arrives would affect the quality of air and environment

As long as there is no emission and environmental impact

Concern for control of pollution from facility

Concerned of wildlife in the area

Destroying the natural environment

Detrimental impacts to the environment

Dislike amount of cement required to build local windfarms reducing environmental friendliness

Do your research properly and follow the environmental guidelines/policies

Environmental studies show the idea is promising

Environmental study needs to be done so it does not negatively impact the area

Extra traffic would damage environment

I am concerned about the Environmental impacts being properly reported and managed at a local level

If it is environmentally friendly and doesn't harm the environment in any ways I think is a great thing to have

Built in the area

Make sure it doesn't have negative unintended environmental impacts

My responses are based on the facts that I don't know where this facility will be operated or the processes involved at the facility or the possible environmental impacts, so this may or may not change with more knowledge and education

Need to ensure the environment is protected

Not sustainable for environment

Support for project may change depending on environmental impacts e.g. pollution

Very concerned about environmental aspects

Very concerned about environmental impacts



Further Comments About the Proposal – Verbatims

Q14. Are there any other comments you would like to make about the proposal to build an 'Energy from Waste' facility near Bungonia?

Believe it will be good for bringing jobs to the area/beneficial to the economy (5%)

Believe this to be a good thing for jobs in the area and healthier living

Create jobs

Creating jobs is a good thing

Employ locals

Good as long as they employ local residents

Good for jobs won't produce many but any is better than none in this area

Hopes that it will create more job opportunities from local residents (not people out of the area)

I think it would benefit the economy if its run properly

If the project creates jobs then it will be beneficial

Produced jobs for locals

Real jobs to local residents

Share more information with residents e.g. about jobs created for the area from the project

Will also create a lot of jobs

Need to ensure that local residents are not impacted too much (5%)

Compensating the residents in Bungonia

Concerned about impact facility will have on local residents

Concerned about impacts on local residents of Bungonia e.g. odour

Concerns about the impact residents living near the facility

Don't know how the people in Bungonia will react to this

Ensure it doesn't have a negative impact on local residents

Ensure no side effects to those in close proximity

Feel bad for people living in Bungonia

If it is being built there, Goulburn should have first benefit

If the locals are happy so will I be

I'm worried about the impact on the local area

Its hard to say what the impact on our community will be

Keep in mind the residents in Bungonia

Locals aren't over charged for electricity

Needs to benefit local people

Shouldn't bring something like that to the area where people are trying to retire

Thinks it would be a hard time to put the facilities in Bungonia



Further Comments About the Proposal – Verbatims

Q14. Are there any other comments you would like to make about the proposal to build an 'Energy from Waste' facility near Bungonia?

Not supportive of this facility (4%)

A very poor solution to a very real problem

Angry do not want it near me

Concerns about catchment areas for the plant

Doesn't think the community would be supportive

Get rid of it

Good luck

Hope due diligence was taken from Jerrara Power in the planning

I would be against this facility being built near Bungonia

Make it in the next century

Not a great idea

The duplication is questionable

The grid is apart of the problem, cant handle solar power how will it handle this?

This is not going to be what they are saying it will be

Believe there are other options for reducing the amount of waste going to landfill/creating energy (3%)

Burning waste is not going to make clean energy

Businesses should be responsible to reduce packaging rather than focus on using it for fuel

Concerns that big companies should be held more accountable for plastics waste in the first instance

Energy should be sourced from coal-fired power station instead

Explore other options to reduce waste going to landfill

Facility should consider using methane gas produced naturally by rubbish rather than combusting rubbish

Generate electricity

Goods should be repairable and extended rather than disposable

Manufacturers of non recyclable materials need to be held more responsible

Really important that we all keep up our recycling

Reducing waste going to landfill from manufactures should be addressed

Should be implementing nuclear power

We should just try and do without plastic packaging

Would prefer that we utilise nuclear energy

Further Comments About the Proposal – Verbatims

Q14. Are there any other comments you would like to make about the proposal to build an 'Energy from Waste' facility near Bungonia?

More community involvement in the building of the facility/listen to community feedback (3%)

Assessment of the public's opinion

Community given time to debate it being built

Community involvement in the project

Consult residents more for their opinion on how it should be done

Federal government gave initial approval without telling local council

Get feedback from the community on it

Greater transparency about the facility being available to the community

Lack of advertisement of the planned project

Need to be sure of public support

Needs to be widely accessible to the community

Only locals living on Jerrara Road were letter box dropped

Please let residents know if this is going ahead

Residents were not given a chance to have their say

Supportive if done in conjunction with the residents

There needs to be transparency throughout the process

Supportive as long as it is carried out appropriately (3%)

Don't want the facility located near me but okay with it being in Bungonia

Ensure it's done properly e.g. sustainably and guided by science and not influenced by corrupt agendas

I will be supportive of the facility if there is a written guarantee it will leave no negative impact

If it is a fully green initiative I am fully supportive of it

It must be as cost effective as coal fired power

It must be as reliable as coal fired power


Maintenance of facility is important

Need for strong parameters for the privatisation of the facility

Need to ensure the negation of unwanted impacts

Supportive of the proposal so long as it doesn't become political



A photograph of a white plastic bag floating in a field of tall green grass. In the background, there are trees and a bright light source, possibly the sun, creating a lens flare effect. A white compass rose graphic is overlaid on the right side of the image.

Appendix B: Further Demographics

Survey Sample

Town/village	ABS data (% of total LGA Population)	Survey sample (unweighted)	Town/village	ABS data (% of total LGA Population)	Survey sample (unweighted)
Goulburn	76%	68%	Mummel	0%	<1%
Marulan	4%	8%	Oallen	0%	<1%
Bungonia	1%	7%	Parkesbourne	1%	<1%
Tallong	3%	5%	Pomeroy	0%	<1%
Tarago	1%	3%	Quialigo	1%	<1%
Windellama	1%	2%	Run-O-Waters	2%	<1%
Boxers Creek	1%	1%	Tirrannaville	1%	<1%
Gundry	1%	1%	Wayo	0%	<1%
Towrang	1%	1%	Wollogorang	0%	<1%
Carrick	0%	<1%	Yarra	1%	<1%
Kingsdale	1%	<1%	Baw Baw	1%	0%
Lake Bathurst	1%	<1%	Brisbane Grove	0%	0%
Lower Boro	1%	<1%	Currawang	1%	0%

**Note that several towns/villages (Currawang, Pomeroy, Tarago, Wayo and Wollogorang) cross into other LGA's, so the ABS data includes residents in those towns that are just outside the Goulburn-Mulwaree LGA, whereas the survey sample is all within the Goulburn-Mulwaree LGA.

Further Demographics

Q3. Which town or village do you live in (or closest to)?

Suburb	N=405	Suburb	N=405
Goulburn	68%	Lake Bathurst	<1%
Marulan	7%	Lower Boro	<1%
Bungonia	7%	Mummel	<1%
Tallong	5%	Oallen	<1%
Tarago	3%	Parkesbourne	<1%
Windellama	2%	Pomeroy	<1%
Boxers Creek	1%	Quialigo	<1%
Carrick	1%	Tirrannaville	<1%
Gundry	1%	Wayo	<1%
Kingsdale	1%	Wollogorang	<1%
Run-O-Waters	1%	Yarra	<1%
Towrang	1%		

Q5. How many children aged under 18 years, if any, live in your home?

Number of children	N=404
0	60%
1	13%
2	15%
3	10%
4	1%
5	<1%
6+	1%



A photograph of a white plastic bag floating in a field of tall green grass. In the background, there are trees and a bright sun creating a lens flare effect. A white compass rose graphic is overlaid on the right side of the image.

Appendix C: Questionnaire

Spectrum Comms
Energy from Waste – Community Survey
FINAL – April 2021

Good morning/afternoon/evening, my name is and I am calling from Micromex Research on behalf of Jerrara Power. We are conducting a brief survey with residents of the Goulburn-Mulwaree area about a range of issues. The survey will only take about 10-12 minutes and please be assured that the survey is completely confidential and anonymous.

FAQ's (if needed):

Your contact details have been sourced from the electronic White Pages/marketing lists/previous number harvesting.

As a market & social research organisation, we are exempt from the Do Not Call Register. We are not trying to sell or market anything to you and your decision to participate in this survey is voluntary.

If you wish to check the validity of this research, you can contact Jerrara Power on 1800 519 542 during normal office hours.

The survey will take approximately 10-12 minutes.

Q51. Do you live in the Goulburn-Mulwaree Local Government Area? (SR)

- Yes
 No (Terminate)

SECTION 1: Demographic Questions

The next few questions are about you, to ensure we are speaking to a range of residents.

Q1. Please stop me when I read out your age group: Prompt

- Under 18 (Terminate)
 18 – 24
 25 – 34
 35 – 49
 50 – 64
 65 – 74
 75+
 Prefer not to say (Terminate)

Q2. What is your identified gender? Do not prompt

- Male
 Female
 Other
 Prefer not to say

Q3. Which town or village do you live in (or closest to)?

Programmer Note: We will attempt to oversample in Marulan, Bungonia and Windellama

- Baw Baw
 Boxers Creek
 Brisbane Grove
 Bungonia
 Carrick
 Currawang
 Goulburn
 Gundary
 Kingsdale
 Lake Bathurst
 Lower Boro
 Marulan
 Mummel
 Oallen
 Parkesbourne
 Pomeroy
 Quialigo
 Run-O-Waters
 Tallong
 Tarago
 Tirrannaville
 Towrang
 Wayo
 Windellama
 Wollagorang
 Yarra

Q4. Which of the following best describes the home where you are currently living? Prompt

- I/We own/are currently buying this property
 I/We currently rent this property

Q5. How many children aged under 18 years, if any, live in your home? (SR)

.....

Q6. How long have you lived in what is now the Goulburn-Mulwaree Local Government Area? Prompt

- Less than 2 years
 2 – 5 years
 6 – 10 years
 11 – 20 years
 More than 20 years

Q7. Do you currently have a residential three-bin waste collection service at your home that is provided by Council? (A waste collection service provided by the Council includes bins with red, yellow and green lids)

- Yes
 No

SECTION 2: Overall Sustainability Attitudes and Behaviours

Q8. Using a scale of 0 to 10, where 0 is 'not at all concerned' and 10 is 'very concerned', how concerned, if at all, are you about the following environmental sustainability issues? *Prompt FLIP (SR per row)*

	Not at all concerned					Very concerned					DK	
	0	1	2	3	4	5	6	7	8	9		10
The amount of waste that goes to landfill.....	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Our use of fossil fuels such as coal for energy generation.....	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Climate change	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Landfill sites filling to capacity.....	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Our nation's progress in moving towards renewable energy technologies.....	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Reducing our nation's greenhouse gas emissions.....	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q9. And now using a scale of 0 to 10, where 0 is 'Not at all responsible' and 10 is 'Very responsible', how responsible, if at all, do you think each of the following people or groups should be for managing issues around environmental sustainability? *Prompt RANDOMISE (SR per row)*

	Not at all responsible					Very responsible					DK	
	0	1	2	3	4	5	6	7	8	9		10
a. You personally	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. All Australian residents.....	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. Local governments	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. State governments	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e. Federal government	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f. Big businesses/corporations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

SECTION 3: Energy from Waste

Q10a. At present in Australia we reduce the amount of waste that goes to landfill by recycling some items in our yellow-lid bins and composting garden and food waste in our green-lid bins, or taking our waste to a waste management facility for sorting. However, despite our community's best efforts at reducing, reusing and recycling, we still have residual waste that ends up in landfill. One approach to dealing with this residual waste, that has been used overseas for decades is called 'Energy from Waste'. Energy from Waste involves thermally processing waste at high temperature using combustion technology. The heat from combustion would boil water to create steam. The steam will drive a turbine connected to a generator to produce electricity. This power would be fed into the grid to power homes and businesses.

Prior to this call, were you aware of this 'Energy from Waste' process?

- Yes
- No

Q10b. How supportive, if at all, are you of governments supporting private industry to build and operate Energy from Waste facilities in Australia? *Prompt*

- Very supportive
- Supportive
- Somewhat supportive
- Not very supportive
- Not at all supportive

Q10c. Why in particular are you [insert answer from Q10b] of governments supporting private industry to build and operate Energy from Waste facilities in Australia?

Jerrara Power is proposing to build and operate a facility near Bungonia to process up to 330,000 tonnes of residual household, commercial and industrial waste each year to generate electricity.

Residual waste, not suitable for recycling, would be sourced locally and from the Sydney Basin and transported to the facility where the waste would be thermally processed at a high temperature using combustion technology.

The heat from combustion would boil water to create steam. The steam will drive a turbine connected to a generator to produce electricity. This power would be fed into the grid to power homes and businesses.

Once fully operational, the facility would generate about 30 megawatts of power to the grid. This is enough electricity to supply about 43,000 homes.

Q11a. How supportive, if at all, are you of an Energy from Waste facility being built near Bungonia? *Prompt*

- Very supportive
- Supportive
- Somewhat supportive
- Not very supportive
- Not at all supportive

Q11b. Why in particular are you [insert answer from Q11a] of an Energy from Waste facility being built near Bungonia?

Q12. Still thinking about the proposal to build an Energy from Waste facility near Bungonia. Please indicate how strongly you agree or disagree with each of the following statements, where 1 is strongly disagree and 5 is strongly agree. *Prompt (RANDOMISE)*

	Strongly disagree		3	Strongly agree	
	1	2		4	5
This facility would benefit our local economy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Producing 'Energy from Waste' is a sensible approach to reducing waste going to landfill	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am concerned about the possible environmental impacts of this facility	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am concerned this facility would stop people from recycling	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Using Energy from Waste to ensure NSW has a reliable supply of baseload electricity is important	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am interested in anything that reduces Australia's greenhouse gas emissions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Waste should be managed in the area where it's created	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q13a. Prior to this call, were you aware of the proposal to build an 'Energy from Waste' facility near Bungonia?

- Yes
- No **(Go to Q14)**

Q13b. How did you become aware of the proposal to build an 'Energy from Waste' processing facility near Bungonia? Please answer yes or no as I read each one. Prompt (MR)

- Project information in your letterbox
- Meeting with Jerrara Power representatives
- Advertisement in local media
- Jerrara Power website
- Jerrara Power's Facebook page
- Other websites or social media channels not managed by Jerrara Power
- Media (e.g.: TV, newspapers, radio)
- Word-of-mouth
- Other (please specify)

Q14. Are there any other comments you would like to make about the proposal to build an 'Energy from Waste' facility near Bungonia?

.....

Thank you for your time and assistance. This market research is carried out in compliance with the Privacy Act, and the information you provided will be used only for research purposes. The research has been conducted by Micromex Research (1800 639 599) on behalf of Jerrara Power

For Interviewer:

I certify this is a true, accurate and complete interview, conducted in accordance with Micromex's standards. All questions have been asked of the interviewee and answered by the interviewee as per my training for this project. I also agree to hold in confidence and not disclose to any other person the content of this questionnaire or any other information relating to this project.

Interviewer to record name

The information contained herein is believed to be reliable and accurate, however, no guarantee is given as to its accuracy and reliability, and no responsibility or liability for any information, opinions or commentary contained herein, or for any consequences of its use, will be accepted by Micromex Research, or by any person involved in the preparation of this report.



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