

Cleanaway Operations Pty Ltd

Bromelton Energy and Resource Centre

Community and Stakeholder Engagement Report

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This report takes into account the particular instructions and requirements of our client. It is not intended for and should not be relied upon by any third party and no responsibility is undertaken to any third party.

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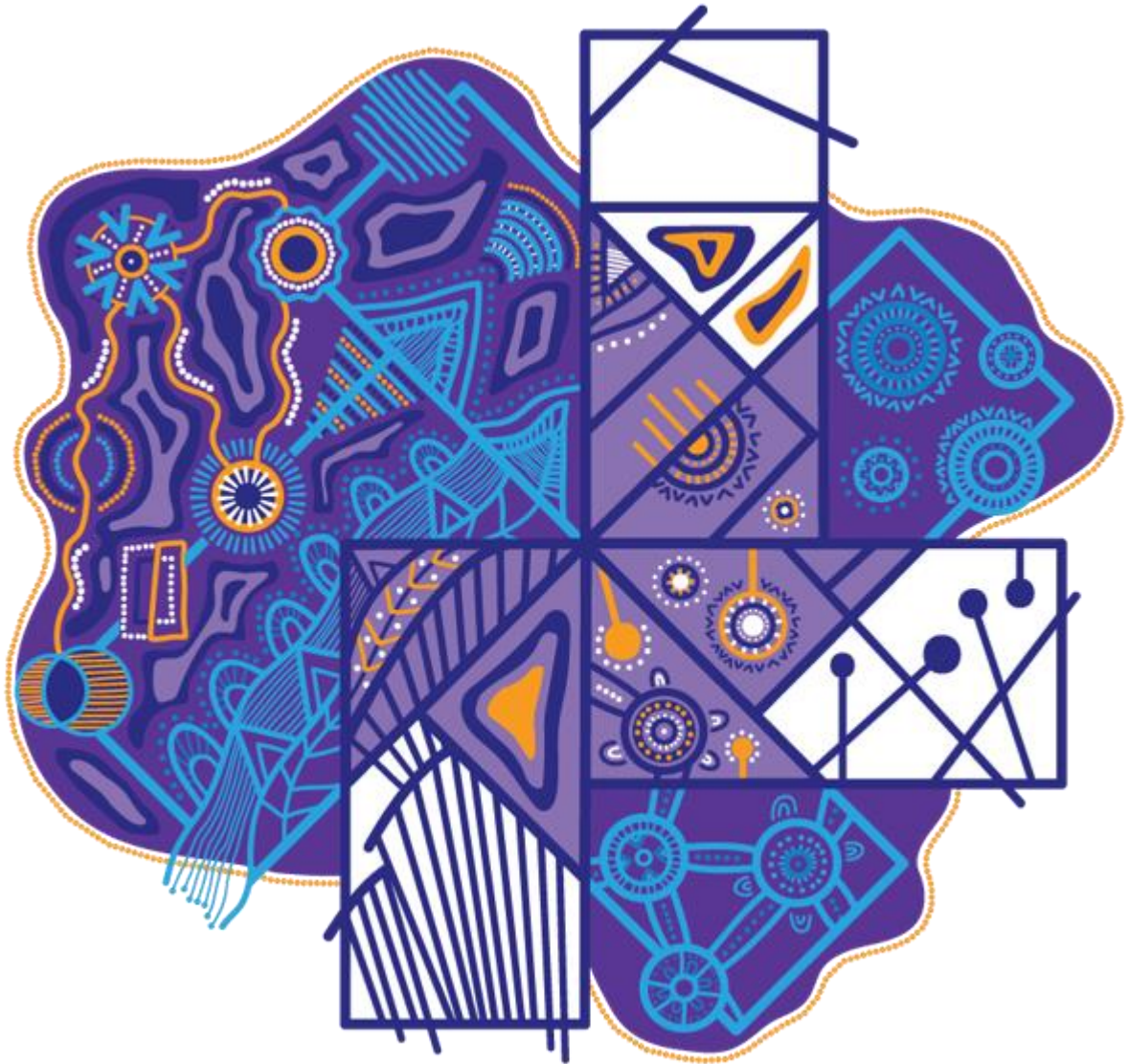
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Acknowledgement of Country

Arup acknowledges the Traditional Owners across all lands, waters, and skies our firm may reach; we acknowledge their wisdom, resilience, and rich cultural heritage. We pay our respects to their Elders, past and present, and to all Aboriginal and Torres Strait Islander peoples.



‘Continuing to Shift to shape an even better world’ original artwork by Tarni O’Shea of Gilimbaa and updated by David Williams of Gilimbaa.

Abbreviations and glossary

Abbreviation	Definition
APCr	Air Pollution Control residue
BERC	Bromelton Energy and Resource Centre
BREF	Best Available Techniques Reference
C&I	Commercial and Industrial
DES	Department of Environment and Science
DETSI	Department of the Environment, Tourism, Science and Innovation
EA	Environmental Authority
EfW	Energy from Waste
FAQ	Frequently Asked Questions
HDPE	High density polyethylene
IAP2	International Association for Public Participation
IBA	Incinerator Bottom Ash
IBAA	Incinerator Bottom Ash Aggregate
IED	European Industrial Emissions Directive
MSW	Municipal Solid Waste
MW	Megawatt
NHVR	National Heavy Vehicle Regulator
OCG	Office of the Coordinator General
QUU	Queensland Urban Utilities
SEQ	South East Queensland
SIA	Social impact assessment
SRRC	Scenic Rim Regional Council
SDA	State Development Area
TMR	Department of Transport and Main Roads
tpa	tonnes per annum
TO	Traditional Owner

Executive summary

Cleanaway Operations Pty Ltd (Cleanaway) is developing an Energy from Waste (EfW) facility in Queensland known as the Bromelton Energy and Resource Centre (BERC / the Project). The Project will be located within the Special Industry Precinct of the Bromelton State Development Area (SDA), west of Beaudesert within the Scenic Rim Regional Council local government area.

This report demonstrates the extensive activities undertaken to ensure appropriate community engagement about the BERC proposal, meeting Outcome 3 of the Queensland Government Energy from Waste Guideline. It outlines the methodology used to raise awareness and facilitate meaningful and authentic engagement with stakeholders and the local community during this key phase of the Project.

Multiple opportunities have been offered to stakeholders and the broader community to find out more about the BERC proposal and give feedback during 2023 and 2025 prior to planning application lodgement. Key issues and opportunities raised during engagement have informed development of the facility design, and will continue to guide impact mitigation, future communication and realising local opportunities and benefits. Insights collected to date will support a suite of technical assessments to be submitted as part of Cleanaway's BERC Project planning application in 2026. More public consultation about the proposal is planned to coincide with the public notification of the planning application where the community will be able to provide comments on the application to the Queensland Government Coordinator-General.

The engagement approach for this Project is in accordance with the International Association of Public Participation (IAP2) Quality Assurance Standard to ensure best practice stakeholder and community engagement and consultation. Other government and industry standards that have guided the approach include:

1. Public Consultation Policy for State Development Areas
2. Queensland Government Energy from Waste Policy
3. Queensland Government Energy from Waste Guideline, specifically Outcome 3: Community engagement
4. Community engagement toolkit for planning (Department of State Development, Infrastructure, Local Government and Planning)
5. Queensland Resources Council tested principles for community engagement
6. Coordinator-General Social Impact Assessment (SIA) Guideline 2025
7. Supplementary material SIA Guideline 2023

Encouraging social licence and stakeholder support for the Project is an important objective for this project. The engagement approach is informed by the *Social Licence to Operate in the Waste and Resource Recovery Sector Toolkit* prepared for Waste Management and Resource Recovery Association of Australia and published on 27 June 2022. It is also aligned with the guidance provided by the Queensland Department of Environment and Science in the 2021 Energy from Waste Guideline, pertaining to how undertake appropriate community engagement about an EfW proposal.

The engagement approach, including purpose, objectives, principles and activities, was defined in the Community and Stakeholder Engagement Plan originally prepared for this Project in May 2023 and updated in 2025.

A combination of engagement and communication methods were used to raise awareness of the Project, consultation opportunities and to facilitate community and stakeholder engagement. Local insights from community engagement regularly conducted by Scenic Rim Regional Council informed the choice of a mix of traditional in person, print and online methods. The range of engagement methods used include:

- Targeted stakeholder information briefings and meetings
- Project website including a virtual engagement room

- Direct contact points: phone and email
- Fact sheets and display posters
- Newsletters
- Facebook advertising
- Newspaper advertising
- Media releases
- Online survey
- Community information sessions
- Local community events such as business events, school events and the Beaudesert Show
- First Nations engagement
- Stakeholder Reference Group (SRG)
- Local business information session

The main topics consistently raised during both rounds of community engagement program were about traffic impacts of additional trucks moving waste to and from the facility and environmental impacts including air quality and odour. Table 1 summarises the key topics of importance raised through community engagement to date. Community sentiment and level of support for the Project is currently mixed, with both strong support for the Project and some in the community with concerns or a desire for more information before expressing a view.

Table 1: Key topics of importance raised in 2023 and 2025

Key topics raised – Round 1 Engagement (2023)	Key topics raised – Round 2 Engagement (2025)
• Traffic impacts of additional trucks moving waste to and from the facility • Environmental impacts including air quality and odour • Local importance of water consumption and need for sustainable water sources • Local employment opportunities especially for youth • Benefits to the local economy • Waste reduction or reuse and the need to focus on other local initiatives higher up on the waste hierarchy • Energy production and reduced energy costs	• Odour from facility • Topographical (valley) characteristics that could affect odour and air quality • Emissions and air quality impacts • Amount of electricity generated and used in facility • Water sources and usage – recommend recycled water • Truck volumes and local traffic impacts on already congested / poor roads • Safety of Incinerator Bottom Ash and Aggregate (IBA and IBAA) • Safety / treatment of flue gases and the detail about regulation • Cumulative air quality and transport impacts not only from BERC but other existing and future facilities in the Bromelton SDA • Local employment, especially opportunities for young people so they can stay in the area and develop career pathways • High school learning and research programs – STEM, sustainability, EfW, environmental monitoring • Shuttle transport opportunities from Beaudesert to BERC • Police Citizens Youth Club / Youth & Community Centre support • Local business opportunities • Need for more recycling programs • Closing of other EfW facilities in other countries

Key topics raised – Round 1 Engagement (2023)	Key topics raised – Round 2 Engagement (2025)
	• Make electricity cheaper for locals • Local benefits / support needed • Using IBAA for local projects • [REDACTED]

The key topics raised through stakeholder and community feedback has given valuable insights to the Project team about what the important issues are to address, and what opportunities should be further explored as the project progresses. Table 2 summarises how the Project team will respond to the key issues and opportunities raised during the Project engagement program, demonstrating the commitment to building social licence through trust and action.

Table 2: Responses to feedback

Responses to feedback
• Report back to the community about air quality and emissions from the specialist technical assessments. Provide assurance based on the assessments that emissions will be well below human health risk levels and explain how monitoring and reporting will be transparent (when advice is provided by Department of the Environment, Tourism, Science and Innovation (DETSI) about regulator reporting). • Report back to the community about results from Traffic Impact Assessment and Department of Transport and Main Roads requirements to mitigate transport impacts. Communicate transport routes once waste contracts are in place and source locations are confirmed. • Continue exploring future opportunities with Queensland Urban Utilities to use recycled water for BERC operations. • Continue explaining how odours will be limited to the facility through negative pressurised doors and combustion, and not noticeable outside the facility. • Continue working with local high schools, Indigenous groups, training and apprenticeship providers to get locals job-ready and maximise local employment. • Establish a quota of local business participation and procurement. • Establish a quota of First Nations business procurement. • Progress opportunities to co-design training pathways and delivery for First Nations people. • Implement cultural awareness training for project personnel facilitated by local First Nations representatives. • Demonstrate commitment to circular precinct opportunities through local energy and resource off-takes to neighbouring operations. • Establish a Community Benefit Fund and local community administration to deliver benefits where they are needed. • Continue a SRG as an established touchpoint to the community through the project progress. • [REDACTED] • Create a keeping place for Aboriginal artefacts on site. • Utilise the visitor centre at BERC to promote Indigenous narratives as they relate to Country and educate visitors about Aboriginal ecological stewardship. • Utilise the visitor centre at BERC to promote waste management and recycling programs.

Establishing and maintaining social licence across the range of BERC stakeholders that have varied areas of interest is a long term commitment and has been the core of this engagement program. Engagement with the community from the earliest stages of the planning application process was intentional and sought to build relationships based on trust and transparency. The project team is aware that gaining and maintaining social licence evolves over the life of the project and is essential to developing the project as something that contributes positively to the local community. The BERC project team has actively been building trust and social licence through the following five pathways:

- 1. Genuine dialogue and relationship building**
- 2. Good neighbour agreement**
- 3. Demonstrating that we are minimising impacts**
- 4. Delivering positive impacts and community benefit**
- 5. Preserving environmental values**

Regular updates on the BERC proposal will continue to be provided to interested stakeholders as the Project progresses. The Project team will respond to the key issues and opportunities raised during the project engagement program through a range of commitments, outlined in this report.

A third round of engagement is planned in 2026 in the lead up to and including the public notification activity required by the Office of the Coordinator-General as part of the planning application process. In addition to the statutory requirements, the project team plans to report back to the community about the results of the varied technical assessments. Summary materials (to support the full technical reports available) will be produced to alleviate concerns raised in earlier rounds of engagement. A range of activities similar to those in round 1 and 2 will be held, giving the community opportunities to discuss different elements of the project directly with the team.

1. Introduction

1.1 Purpose of this report

This report documents the community and stakeholder engagement activities undertaken to support the Bromelton Energy and Resource Centre (BERC) Project proposal. It outlines the methodology used to raise awareness and facilitate meaningful engagement with stakeholders and the local community during this key phase of the Project.

Thus far, two formal community engagement periods have been held to inform the planning and build understanding and trust within the community. As shown in Figure 1, the initial community consultation commenced in October 2023, and the second round of engagement was undertaken in September 2025. Prior to each of these periods, targeted meetings were held with key stakeholders, including government agencies, utilities, business groups and site neighbours.

The report documents how findings from the engagement activities will inform development of the facility design, mitigate impacts and issues, guide future communication, and realise local opportunities and benefits. Insights collected will support a suite of technical assessments to be submitted as part of Cleanaway's BERC Project planning application in 2026. More public consultation about the proposal is planned to lead up to and coincide with the submission of the application where the community will be able to provide comments on the application to the Queensland Government Coordinator-General.

Note that the timeline for the Project is indicative only and is subject to change.



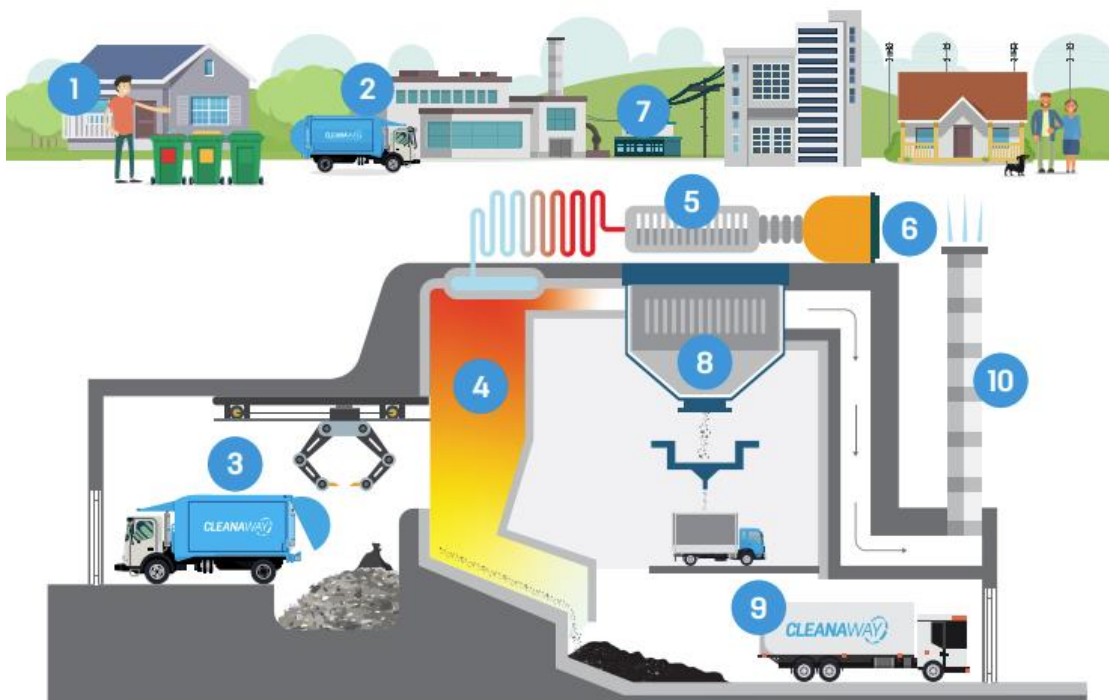
Figure 1: Indicative project timeline

1.2 Bromelton Energy and Resource Centre

1.2.1 Overview

Cleanaway Operations Pty Ltd (Cleanaway) is developing an Energy from Waste (EfW) facility in Queensland known as the Bromelton Energy and Resource Centre (BERC / the Project). The Project will be located within the Special Industry Precinct of the Bromelton State Development Area (SDA), west of Beaudesert within the Scenic Rim Regional Council local government area.

The Project has been designed to thermally treat approximately 760,000 tonnes per annum (tpa) of waste feedstock, consisting of residual Municipal Solid Waste (MSW) and residual Commercial and Industrial (C&I) waste. Residual waste is waste that is not technically, environmentally, and economically practical (TEEP) to reuse or recycle, which would otherwise be sent to landfill for disposal. The facility's actual annual throughput will vary depending on the calorific value of the feedstock and plant availability. To account for variability in feedstock energy content, the facility will be designed for a maximum processing capacity of up to 10% above the nominal figure (836,000 tpa). The EfW process is summarised in Figure 2.



- 1 At home and work, we sort our waste into recyclable and non-recyclable items.
- 2 Before arrival at the energy from waste facility, residual waste that has been sorted at home and work is delivered to the facility.
- 3 In the bunker, waste is mixed, ensuring consistency, by large crane claws before placement into the combustion chamber.
- 4 Waste is combusted as it moves along a moving grate. The temperature in the combustion chamber reaches more than 850°C to ensure that waste combusts completely while also destroying organic pollutants and odour.
- 5 Water is heated during combustion creating steam which turns a turbine.
- 6 Baseload electricity is generated.
- 7 Electricity is put back into the grid and used to power homes and businesses.
- 8 Gases created during combustion pass through a multi-step flue gas treatment system, removing pollutants from the gases. Residues from the flue gas treatment are collected in a sealed system for treatment before disposal.
- 9 Bottom ash from the combustion process is collected and stored. Metals are recovered for recycling. It is intended that the remaining bottom ash is sent for reuse in construction.
- 10 Cleaned gases and steam are dispersed high into the atmosphere, mixing well to ensure negligible impact on the surrounding air quality.

Figure 2: Energy from waste process

1.2.2 Proponent

Cleanaway, an Australian owned company, has operated for more than 50 years, supporting industry, government, communities and households across Australia. Its mission is to make a sustainable future possible, achieved through action across all levels of the waste hierarchy. Waste generation is minimised through extensive education programs, with Cleanaway's 50 education officers reaching over 120 businesses, 30 councils, and almost 33,000 school participants in the last financial year.

Cleanaway invests heavily in recycling, operating several Material Recovery Facilities nationwide and has partnered with Pact Group, Asahi Beverages and Coca-Cola to deliver two large-scale PET (polyethylene terephthalate) recycling facilities and a HDPE (high density polyethylene) recycling facility with Pact Group. In addition, in collaboration with Viva Energy, Cleanaway is developing a soft plastics recycling plant. EfW is recognised by Cleanaway as an important part of the future waste management framework, enabling recovery of energy and other resources from residual waste that cannot otherwise be recycled.

1.2.3 Policy alignment

The BERC aligns with the Queensland EfW Policy and the Queensland EfW Guideline (2021) by diverting residual waste from landfill and delivering economic and social benefits through employment and local business opportunities in South East Queensland (SEQ).

In accordance with Policy outcome 7 of the Queensland EfW Policy, the BERC will be designed to meet the best practice emission standards and requirements of the European Industrial Emissions Directive (IED) (2010) and the associated Best Available Techniques Reference (BREF) Document for Waste Incineration (2019), which sets the European Union environmental standards for waste incineration.

The Project also supports the Queensland Waste Strategy contributing to its 2050 targets to reduce household waste by 25%, recycle 75% of all waste, and divert 90% from landfill. In doing so, the BERC will play a key role in advancing Queensland's transition to a circular economy and reducing long-term reliance on landfill.

1.2.4 Key components

The key components of the Project are summarised in Table 3.

Table 3: Key Project components

Project component	Detail
Address	Lot 1 Beaudesert Boonah Road, Bromelton, Queensland, 4285 (Lot 1 on RP45234). Refer Figure 3.
Site area	63 hectares
Summary of proposed works	The Project includes the construction of a main EfW facility for waste processing, incinerator bottom ash (IBA) maturation and processing facility and an air pollution control residue (APCr) facility. It also includes all onsite infrastructure needed for the EfW facility, such as site utilities, internal roads, weighbridges, parking and hardstand areas, stormwater infrastructure, fencing and landscaping. The Project will include a visitor centre to help educate and inform the community on circular economy principles, the waste hierarchy, including waste avoidance, recycling, resource recovery, the benefits of landfill diversion and the EfW process. The intent behind this education is to drive a shift in community awareness and attitudes toward waste management and resource recovery.
Technology used	The proposed technology is moving grate combustion technology. This has been used globally for over 100 years and is common in many of the 500 similar operational examples across Europe.
Facility outputs	Approximately 73.2 MW (577,600 MWh/year, corrected for ambient temperature) exported to the grid as baseload electricity. Potential to supply energy in the form of heat and/or process steam to local industrial users. Residual materials include IBA and APCr. - It is intended that the IBA will be mechanically processed on site to create incinerator bottom ash aggregate (IBAA). During this process, both ferrous and non-ferrous metals are recovered for recycling and sale. It is intended that the remaining material is repurposed for use as an aggregate in construction. - The Project includes a facility to stabilise APCr before removal and disposal at a licensed landfill.
Key infrastructure	- EfW facility including administration and visitor's centre - IBA maturation and processing facility (2 x pads and 2 x sheds) - APCr facility (1 x pad, 1 x shed) - Transformer yard and switchyard - De-coupling area for trucks - Weighbridges - Internal road network and carparking 2 x combined storm water treatment and detention basin 1 x lined retention basin

Project component	Detail
	Access from Beaudesert Boonah Road via a signalised intersection with Recycling Street
Hours of operation	24 hours per day, seven days per week (365 days per year)
Operational staff	Approximately 50 to 60 staff



Figure 3: Site location

2. Engagement approach

The engagement approach for this Project is in accordance with the International Association of Public Participation (IAP2) Quality Assurance Standard to ensure best practice stakeholder and community engagement and consultation. Other government and industry standards that have guided the approach include:

1. Public Consultation Policy for State Development Areas
2. Queensland Government Energy from Waste Policy
3. Queensland Government Energy from Waste Guideline, specifically Outcome 3: Community engagement
4. Community engagement toolkit for planning (Department of State Development, Infrastructure, Local Government and Planning)
5. Queensland Resources Council tested principles for community engagement
6. Coordinator-General Social Impact Assessment (SIA) Guideline 2025
7. Supplementary material SIA Guideline 2023

Encouraging social licence and stakeholder support for the Project is an important objective for this project. The engagement approach is informed by the *Social Licence to Operate in the Waste and Resource Recovery Sector Toolkit* prepared for Waste Management and Resource Recovery Association of Australia and published on 27 June 2022. It is also aligned with the guidance provided by the Queensland Department of Environment and Science in the 2021 Energy from Waste Guideline, pertaining to how undertake appropriate community engagement about a EfW proposal.

The engagement approach, including purpose, objectives, principles and activities, was defined in the Community and Stakeholder Engagement Plan originally prepared for this Project in May 2023 and updated in 2025.

2.1 Engagement purpose

The purpose of the engagement is to proactively inform and consult with government, business and community stakeholders to support the development application process for an EfW facility at Bromelton. Engagement about the BERC will contribute to the social impact assessment of the facility, build social licence within the community and help the project team understand and address issues and opportunities.

2.2 Engagement objectives

The following engagement objectives support the realisation of the engagement purpose:

- Provide timely and relevant information to all stakeholders about the project to enable meaningful and well-informed engagement
- Listen, understand and respond to issues raised by key stakeholders and decision makers to inform the BERC approvals process
- Seek community and stakeholder inputs about the facility
- Identify material issues to inform technical studies and respond with impact mitigation
- Comply with government consultation requirements
- Encourage social licence and stakeholder support for the Project.

2.3 Engagement rounds

Engagement to date with the community and targeted stakeholders occurred in two key rounds to support the planning program.

Round 1 engagement: October 2023

This engagement early in the planning process sought to introduce the community to the project proposal, outline the planning and approval process, introduce how EfW technology works and provide opportunities for feedback about what locals thought was important, potential issues and opportunities. These would all be considerations for the Project team during the varied technical assessments. These topics of interest also guided future communication materials and content.

Round 2 engagement: September – October 2025

This engagement built upon early awareness, providing the next level of detail about the proposal including capacity, scale, size and architectural design. Seeking feedback at this stage rather than after the planning submission enabled inputs to the planning application. This round also informs the communication materials needed for round 3.

Round 3 (future) engagement: 2026 (timing TBC)

A third round of engagement is planned prior to and including the public notification activity required by the Office of the Coordinator-General as part of the planning application process. In addition to the requirements, the project team plans to report back to the community about the results of the varied technical assessments. Summary materials (to support the full technical reports available) will be produced to alleviate concerns raised in earlier rounds of engagement. A range of activities similar to those in round 1 and 2 will be held, giving the community opportunities to discuss different elements of the project directly with the team.

In addition to the specific rounds of engagement with the broader community, targeted stakeholders such as the Chamber of Commerce, Bromelton Business Group (neighbouring facilities), Traditional Owners, Scenic Rim Regional Council, Office of Coordinator-General (OCG) and some referral agencies continued throughout the planning. The BERC SRG was also established outside the wider engagement period, with the intention that community representatives would inform broader engagement content and activity.

Results of engagement round 1 and 2 are summarised in this report.

2.4 Engagement principles

The engagement principles outlined in Table 4 guided the Community and Stakeholder Engagement Plan, especially the selection of communication and engagement methods, and how the team implemented early engagement. The engagement principles have been adapted specifically for this project from the IAP2 Core Values, Queensland Resources Council tested principles for community engagement, the Office of the Coordinator-General's Social Impact Assessment Guideline (2023) and Supplementary Material and Cleanaway Values. The following also aligns with the principles of community engagement for proponents articulated in the Queensland Government EfW Policy (Policy outcome 3).

Table 4: Engagement principles

Engagement principle	Application to the Project
Relationship-driven	Cleanaway will engage key stakeholders as early in the Project as possible to ensure stakeholder expertise informs the proposed development. Cleanaway will seek stakeholders' input in designing how they participate including where, when and who attends meetings. Cleanaway will seek out and facilitate the involvement of those potentially affected by or interested in the proposed development, in the context of the stakeholder groups identified in this document.
Transparent	Cleanaway will provide information to all stakeholders in the most appropriate form (informed by local stakeholder advice such as Scenic Rim Regional Council) about project objectives, expectations and processes as well as a commitment to a high level of accuracy in all communication with stakeholders.

Engagement principle	Application to the Project
	Cleanaway will make clear what stage the proposed development is in the planning process, what information is available and when more information will be available to stakeholders.
Integrity	Cleanaway says what it means and does what it says. Cleanaway will follow through on promises made to stakeholders during engagement (such as answers to questions and actions from meetings) and keep the community informed of progress and changes.
Sustainable decisions	Cleanaway recognises and communicates the needs and interests of all stakeholders to meaningfully contribute to decisions that make a sustainable future possible: for Cleanaway employees, customers, investors and communities where Cleanaway works and the planet. Cleanaway will seek to understand any issues that are important to the local community as they arise and address any impacts with a long-term view.
Inclusive and respectful	Cleanaway will engage with all stakeholders in open two-way communication via multiple channels (to maximise accessibility and inclusivity) and seek input from all interested and affected stakeholders. Information will be shared through the process and in ways that encourage participation and enable respectful listening to all stakeholders. Cleanaway will engage with Traditional Owners, in line with the Cleanaway Reconciliation Action Plan and in a way guided by stakeholders.
Responsive	Cleanaway will acknowledge comments, correspondence and queries promptly and respond appropriately.

3. Engagement methodology

A combination of engagement and communication methods were used to raise awareness of the Project and consultation opportunities and facilitate community and stakeholder engagement. Local insights from community engagement regularly conducted by Scenic Rim Regional Council informed the choice of a mix of traditional in person, print and online methods.

3.1 Targeted stakeholder information briefings and meetings

The project team presented information about the Project to the Office of Coordinator-General (OCG) and other government agencies, Scenic Rim Regional Council representatives, utilities, business groups and site neighbours. These briefings first occurred between April and July 2023, during the early planning phase of the Project and prior to community consultation. Additional outreach meetings were held from April 2025 to introduce SRG approach plan and upcoming round 2 engagement.

3.2 Project website

A dedicated website for this Project was created as part of Cleanaway's existing website in September 2023. The website will be an ongoing source of Project information for the community and interested stakeholders. Interested stakeholders can also sign up to receive email updates from the project team. The website is updated whenever necessary to inform the public about project updates and upcoming engagement activities.

<https://www.cleanaway.com.au/location/bromelton-energy-and-resource-centre/>.

3.3 Virtual Room

Arup developed a Virtual Room, embedded in the BERC Project website, which was launched to coincide with community consultation in early October 2023. The Virtual Room, accessed via the Project website, offers a virtual experience similar to a community drop-in session so that people could learn more about the project by reading fact sheets, display posters, responding to the online survey and registering for an information session. The Virtual Room was updated in September 2025 to coincide with the second round of community engagement.

3.4 Fact sheets and posters

A suite of fact sheets and posters were prepared to support the BERC community consultation. At this early stage of the Project development, the materials were produced to anticipate areas of community interest and to share as much information as available. The collateral was revised to incorporate updated technical information and was reissued during the second round of engagement in 2025. Fact sheets and posters could be found displayed on the Project website, the Virtual Room, and at community information sessions. Table 5 details the materials released during each of the two formal community engagement periods.

Table 5: Fact sheets and posters released in 2023 and 2025

Fact sheets / posters – Early Engagement (2023)	Fact sheets / posters – Second-Round Engagement (2025)
• Residual waste explained (A4 factsheet) • Project benefits (A4 factsheet) • Why do we need it (A4 factsheet) • Information sessions (A4 poster) • Ash and residue management (A4 factsheet) • How does it work (A0 display poster) • Bromelton Energy and Resource Centre – site specific information and timeline (A0 display poster)	• Residual waste explained (A4 factsheet & A0 display poster) • Project overview (A4 factsheet & A0 display poster) • Why do we need it (A4 factsheet & A0 display poster) • How does it work (A4 factsheet & A0 display poster) • Energy from waste: proven technology (A4 factsheet & A0 display poster) • Transport (A4 factsheet & A0 display poster)

Fact sheets / posters – Early Engagement (2023)	Fact sheets / posters – Second-Round Engagement (2025)
Proven technology – where EfW is used around the world (A0 display poster)	

Refer to Appendix 0 to view the latest fact sheets and posters.

3.5 Project email

The project team established a dedicated project email address in September 2023. This is one of two ways for the general public to ask questions and communicate with the project team outside of the information sessions. The project email will continue to be accessible throughout the development program. The project team monitors emails received and responds to any questions from the community. The Project email address is efw.bromelton@cleanaway.com.au.

3.6 Project phone number

The project team established a dedicated project phone number in September 2023. This is one of two ways for the general public to ask questions and communicate with the project team outside of the information sessions. The project phone number will continue to be accessible throughout the development program. The project team responds to calls during business hours.

3.7 Newsletters

Three project newsletters were developed and distributed in early October 2023, May 2025 and September 2025. Distributed to local residences and businesses (including PO boxes) by Australia Post, these newsletters offered detailed explanations of the proposed facility, environmental targets, waste management benefits, local benefits, and promoted engagement opportunities. The first project newsletter was distributed the week commencing 2 October 2023 in the areas shown in Figure 4. A total of 6,684 newsletters were delivered to residents within Beaudesert, Bromelton, Josephville, Veresdale and Woodhill.

In May 2025, the newsletter distribution area was broadened following recommendations from the local community. This release included a project update and call for Expressions Of Interest (EOI) for the SRG. Figure 5 shows the areas the newsletters were delivered to, with a total of 10,743 newsletters delivered to residents within Beaudesert, Birnam, Cedar Vale, Christmas Creek, Flinders Lakes, Kooralbyn, Woodhill, Boonah, Bunburra, Dungandan, and Roadvale.

This same distribution area was used for the third community newsletter issued in early September 2025 which provided a detailed update on planning and promoted engagement activities and how to give feedback.

DELIVER TO:	Street	Roadside	Boxes	Counter	TOTAL
4285 - BEAUDESERT DA (6,401 Points)					
BEAUDESERT - 4285					
Intrastate Premium Select	3,090	880			3,970
BROMELTON - 4285					
Intrastate Premium Select		330			330
JOSEPHVILLE - 4285					
Intrastate Premium Select		313			313
VERESDALE - 4285					
Intrastate Premium Select		1,387			1,387
WOODHILL - 4285					
Intrastate Premium Select		401			401
4285 - BEAUDESERT POST SHOP (283 Points)					
BEAUDESERT - 4285					
Intrastate Premium Select			283		283
TOTALS:					6,684

Figure 4: October 2023 Australia Post newsletter distribution areas

DELIVER TO:	Street	Roadside	Boxes	Counter	TOTAL
4285 - BEAUDESERT DA (8,347 Points)					
BEAUDESERT - 4285					
Intrastate Premium Select	3,232	878			4,110
BIRNAM - 4285					
Intrastate Premium Select		410			410
CEDAR VALE - 4285					
Intrastate Premium Select		1,647			1,647
CHRISTMAS CREEK - 4285					
Intrastate Premium Select		644			644
FLINDERS LAKES - 4285					
Intrastate Premium Select		430			430
KOORALBYN - 4285					
Intrastate Premium Select		704			704
WOODHILL - 4285					
Intrastate Premium Select		402			402
4285 - BEAUDESERT POST SHOP (253 Points)					
BEAUDESERT - 4285					
Intrastate Premium Select			253		253
4310 - BOONAH LPO (2,143 Points)					
BOONAH - 4310					
Intrastate Premium Select			101		101
BUNBURRA - 4310					
Intrastate Premium Select		434			434
DUGANDAN - 4310					
Intrastate Premium Select	1,229				1,229
ROADVALE - 4310					
Intrastate Premium Select		379			379
TOTALS:					10,743

Figure 5: May 2025 Australia Post newsletter distribution areas

3.8 Facebook advertising

Facebook advertising occurred from 3-31 October 2023, to coincide with the launch of the first community consultation period and newsletter distribution. Three advertisements were developed and geotargeted to

residents within the Scenic Rim region. A series of additional Facebook advertisements promoting the second round of community information sessions were posted in September 2025. The primary objective of these advertisements was to raise awareness of the Project in the local area and encourage community members to visit the website, register for an information session and complete the online survey.

Refer to Appendix 0 to view the Facebook advertisements.

3.9 Newspaper advertising

To support the early round 1 community engagement, the Project team designed and scheduled two advertisements to run in local newspapers: the *Beautesert Times* on 5 October 2023 and the *Beautesert Bulletin* on 6 October 2023.

During the SRG EOI period in late May and early June 2025, advertisements were published in two consecutive issues of the two newspapers. The team also ran advertisements in four consecutive weeks' worth of the newspapers from 4-25 September 2025 to promote the September 2025 community information sessions and updated Project information.

Refer to Appendix 0 to view the newspaper advertisements.

3.10 Media release and enquiries

Cleanaway prepared a media release in September 2023 and distributed it to the *Beautesert Times* ahead of the community consultation period in October 2023. A media release was also issued to coincide with the SRG EOI release in May 2025. Varied articles were published in local newspapers during the two rounds of engagement.

Refer to Appendix 0 to view the media coverage summary.

3.11 Online survey

The first round of the online survey was open from 3-31 October 2023. Its primary purpose was to understand what matters most to the local community, gauge interest about this type of Project, and determine preferred methods for keeping stakeholders informed as the Project progresses. Designed to be brief and user-friendly, the survey included 14 questions spanning both qualitative and quantitative formats. These questions were categorised as follows: about you, about the proposed facility, community values and aspirations, and potential project impacts.

The survey was updated and re-opened in the second engagement round, running from 1 September 2025 to 5 October 2025, to assess any shifts in public sentiment, gather further insight on the aspects of the proposal that matter most to the community, and better understand the public's knowledge and awareness of the BERC Project.

Feedback collected during this planning phase is helping to inform the Project's design, the social impact assessment, and how the project team engages with the community in the future. The project team is committed to minimising potential impacts while maximising local opportunities and benefits.

The online survey was promoted in the Project newsletter, on the Project website, Virtual Room and Facebook advertisements.

Refer to Section 4.2.1 to view the survey results.

3.12 Community information sessions

Information sessions were hosted by the project team in October 2023 and September 2025 as a way of personally interacting with members of the local community, forming early relationships, and enabling conversations about the Project to understand local interests and address concerns where possible.

Promotion of information sessions commenced at least three weeks prior to the first events via the project website, newsletter, newspaper advertisements, Facebook advertisements, Eventbrite and Virtual Room. Registrations were managed via Eventbrite for both in person and online sessions.

Two face-to-face sessions were hosted at The Centre in Beaudesert during each round of engagement: 18/19 October 2023 and 19/20 September 2025. Session times were scheduled to accommodate a broad range of local participants, including those working during the day or evening, across both weekdays and weekends. Online sessions were also held on 23/24 October 2023 and 24 September 2025 for those who were unable to attend in-person.

At each information session, the BERC Project team gave a presentation to introduce themselves and provide an overview of the Project. Attendees were also invited to introduce themselves, ask specific questions, and provide feedback on the BERC Project proposal. Arup's facilitator then invited additional questions from attendees and ensured any questions/topics raised at the start of each session were covered before the close of the session. Arup's facilitator also highlighted information about how attendees could find out more information online and encouraged attendees to complete the online surveys. Hard copies of all project factsheets were available for attendees to take with them. Display posters were available to view at the venue and a hard copy email sign up form was also available for attendees.

Refer to Appendix 0 to view a copy of the community information session presentations.

3.13 First Nations engagement

Queensland South Native Title Services (QSNTS) consultants have been engaged to represent and connect with current Native Title Applicant Group (Danggan Balan) of the land where the facility is located. Engagement with the Applicant Group has been managed to date via QSNTS and will continue as the Project progresses.

An initial project briefing with the Applicant Group in April 2025 involved introducing the proposal and the planning application process. The cultural heritage survey report was shared and further site-based inspections occurred to ensure artefacts were identified throughout the whole site.

A range of potential opportunities to acknowledge Country, build relationships and Aboriginal business opportunities have been identified during engagement to date and will continue to be explored.

3.14 Stakeholder Reference Group

A BERC stakeholder reference group (SRG) was established to be a regular advisory touchpoint to the local community. The consultative forum involved representatives of Cleanaway and the BERC Project team, and the local community where a range of project matters can be raised and discussed. A Terms of Reference (Appendix A.7) guides the function and behaviours of the SRG. To establish the SRG, a targeted recruitment campaign was undertaken to invite applications from community members. Advertising, including in the Project newsletter, website, local newspapers, media releases, and targeted stakeholder emails, began in late May and early June 2025 before member selection occurred in early July.

The first SRG meeting was held on 23 July 2025, followed by a second meeting on 4 September and a third online session on 7 October 2025. The fourth and final SRG meeting of 2025 was held on 27 November.

Following each SRG meeting, meeting minutes and presentation slides were distributed to SRG members and published to the BERC Project website. Refer to Appendix A.8 for a copy of the SRG presentation slides and meeting summaries.

Members of the SRG were encouraged to be a conduit to the broader community and bring back to the group suggestions and / or concerns expressed. A public forum about EfW was run by some SRG members in November 2025 with concerns about transport, environmental and health impacts raised. These issues will be responded to as part of Round 3 engagement, with supporting technical assessment results.

The intention is to continue these SRG meetings as the Project progresses.

4. Engagement outcomes

4.1 Key findings

The two rounds of engagement provided a range of opportunities for the local community and stakeholders to learn about the proposal, ask questions and raise concerns and opportunities for consideration in the planning.

A snapshot of the engagement activity and reach is shown in Figure 6.



Figure 6: Project community engagement snapshot

Feedback was provided primarily through the following methods:

- Online surveys
- Community information sessions
- Stakeholder Reference Group meetings
- Stakeholder meetings
- Native Title Applicant Group engagement
- Local business event

The main topics consistently raised during both rounds of community engagement program were about traffic impacts of additional trucks moving waste to and from the facility and environmental impacts including air quality and odour. Table 6 summarises the key topics of importance raised through community engagement in 2023 and 2025 to date. Community sentiment and level of support for the Project is currently mixed, with both strong support for the Project and some in the community with concerns or a desire for more information before expressing a view.

Table 6: Key topics of importance raised in 2023 and 2025

Key topics raised – Round 1 Engagement (2023)	Key topics raised – Round 2 Engagement (2025)
- Traffic impacts of additional trucks moving waste to and from the facility - Environmental impacts including air quality and odour - Local importance of water consumption and need for sustainable water sources - Local employment opportunities especially for youth - Benefits to the local economy - Waste reduction or reuse and the need to focus on other local initiatives higher up on the waste hierarchy - Energy production and reduced energy costs	- Odour from facility - Topographical (valley) characteristics that could affect odour and air quality - Emissions and air quality impacts - Amount of electricity generated and used in facility - Water sources and usage – recommend recycled water - Truck volumes and local traffic impacts on already congested / poor roads - Safety of Incinerator Bottom Ash and Aggregate - Safety / treatment of flue gases and the detail about regulation - Cumulative air quality and transport impacts not only from BERC but other existing and future facilities in the Bromelton SDA - Local employment, especially opportunities for young people so they can stay in the area and develop career pathways - High school learning and research programs – STEM, sustainability, EfW, environmental monitoring - Shuttle transport opportunities from Beaudesert to BERC - PCYC / YACC support - Local business opportunities - Need for more recycling programs - Closing of other EfW facilities in other countries - Make electricity cheaper for locals - Local benefits / support needed - Using IBAA for local projects

The key topics raised through stakeholder and community feedback has given valuable insights to the project team about what the important issues are to address, and what opportunities should be further explored as the project progresses.

Table 7 summarises how the project team will respond to the key issues and opportunities raised during the project engagement program.

Table 7: Responses to feedback

Responses to feedback
- Report back to the community about air quality and emissions from the specialist technical assessments. Provide assurance based on the assessments that emissions will be well below human health risk levels and explain how monitoring and reporting will be transparent (when advice is provided by Department of the Environment, Tourism, Science and Innovation (DETSI) about regulator reporting). - Report back to the community about results from Traffic Impact Assessment and Department of Transport and Main Roads requirements to mitigate transport impacts. Communicate transport routes once waste contracts are in place and source locations are confirmed (together with transport routes). - Continue exploring future opportunities with Queensland Urban Utilities to use recycled water for BERC operations. - Continue explaining how odours will be limited to the facility through negative pressurised doors and combustion, and not noticeable outside the facility. - Continue working with local high schools, Indigenous groups, training and apprenticeship providers to get locals job-ready and maximise local employment. - Establish a quota of local business participation and procurement. - Establish a quota of First Nations business procurement.

Responses to feedback

- Progress opportunities to co-design training pathways and delivery for First Nations people.
- Implement cultural awareness training for project personnel facilitated by local First Nations representatives.
- Demonstrate commitment to circular precinct opportunities through local energy and resource off-takes to neighbouring operations.
- Establish a Community Benefit Fund and local community administration to deliver benefits where they are needed.
- Continue a SRG as an established touchpoint to the community through the project progress.
- [REDACTED]
- Create a keeping place for Aboriginal artefacts on site.
- Utilise the visitor centre at BERC to promote Indigenous narratives as they relate to Country and educate visitors about Aboriginal ecological stewardship.
- Utilise the visitor centre at BERC to promote waste management and recycling programs.

4.2 Engagement results by method

Table 8 provides a complete summary of the engagement across the two years including level of engagement, relevant stakeholders involved, timing, and high-level results for each method.

Table 8: Summary of engagement methods and results

Method / activity	Level of engagement (IAP2)	Relevant stakeholders	Timing	Results
Targeted stakeholder information briefings and meetings	Consult and Involve	Office of the Coordinator General (OCG) – Queensland Qld Department of the Environment, Tourism, Science and Innovation (DETSI) Qld Environment Minister’s Office Bromelton Business Group Scenic Rim Regional Council (SRRC) Queensland Urban Utilities (QUU) Seqwater Energex Qld Department of Transport and Main Roads (TMR) National Heavy Vehicle Regulator (NHVR) Beaudesert Chamber of Commerce (CoC) Quickcell SCT Logistics South West DSDILGP representatives McAuley College (seeking youth representation) Beaudesert State High School (seeking youth representation)	April – July 2023 April – October 2025	Round 1 Engagement (2023): 21 meetings held with stakeholders prior to and including October 2023. Round 2 Engagement (2025): 7 meetings were held with key stakeholders to discuss the SRG and Round 2 engagement. Numerous meetings with OCG and government agencies and utilities to progress planning.

Method / activity	Level of engagement (IAP2)	Relevant stakeholders	Timing	Results
		Federal Member for Wright, Scott Buchholz State Member for Scenic Rim, Jon Krause Councillor Jennifer Sanders, Division 4		
Targeted stakeholder email	Inform	Scenic Rim Regional Council Mayor and CEO	October 2023 May 2025 September 2025	Round 1 Engagement (2023): Informed targeted stakeholders of public consultation material and information sessions. Round 2 Engagement (2025): To invite identified stakeholders to participate in the SRG and to promote the September 2025 engagement activities.
Project website and frequent updates	Inform	General public, media	Website live from September 2023 Updates in May and September 2025	Round 1 Engagement (2023): 1,225 unique visitors and 1,545 visits in October 2023 2025 engagement: 1,488 visitors 1 January – 3 November 2025
Virtual Room (fact sheets, display posters, link to online survey, case studies) and frequent updates	Inform	General public, media	From early October 2023 Updated September 2025	Round 1 Engagement (2023): 44 unique visitors Round 2 Engagement (2025): 28 visitors
Email Direct Mail (EDM) – direct notification to project subscriber database with project and engagement updates	Inform	Project subscribers	September 2023 May 2025 September 2025	A total of 14 sign ups in October 2023, including 7 via website and 7 at in-person information sessions. A total of 19 subscribers is current at the time of writing this report. Proactive emails were sent to the subscriber database with the release of newsletters and new information in May 2025 and September 2025.

Method / activity	Level of engagement (IAP2)	Relevant stakeholders	Timing	Results
Project email	Inform / consult	General public	From September 2023	Used regularly for SRG meeting coordination and correspondence
Project phone number	Inform / consult	Local residents and businesses (Beaudesert and surrounds)	From September 2023	Used for project related enquiries and general waste queries.
Newsletter	Inform	Local residents and businesses (Beaudesert and surrounds)	Distributed w/c 2 October 2023 Distributed w/c 26 May 2025 Distributed w/c 1 September 2025	Round 1 Engagement (2023): 6,684 newsletters distributed by Australia Post. Additional copies distributed at information sessions and provided to Council. Round 2 Engagement (2025): 10,743 newsletters distributed by Australia Post in May 2025. Additional copies distributed at information sessions and provided to Council. 10,743 newsletters distributed by Australia Post in September 2025. Additional copies distributed at information sessions, events, Council and elected representative offices.
Facebook advertising	Inform	Local residents and businesses (Scenic Rim local government area)	3 – 31 October 2023 September 2025	Round 1 Engagement (2023): - Total reach: 58,000 (frequency 10.85) - Total engagement: 3,500 engagements including 91 post reactions, 15 comments, 22 saves, 39 shares and 3,345 link clicks Round 2 Engagement (2025): - Total reach: 105,000 (frequency 2.3) 1,250 visits to BERC landing page, 1,673 link clicks
Print media advertising	Inform	Local residents and businesses (Scenic Rim local government area): <i>Beaudesert Times</i> (Thursday, weekly) <i>Beaudesert Bulletin</i> (Friday, fortnightly)	w/c 2 October 2023 w/c 26 May 2025	Round 1 Engagement (2023): 2 ads 1 ad in <i>Beaudesert Times</i> estimated reach: 46k people each week 1 ad in <i>Beaudesert Bulletin</i> estimated reach: 12k people each issue Round 2 Engagement (2025):

Method / activity	Level of engagement (IAP2)	Relevant stakeholders	Timing	Results
			w/c 1 September 2025	7 ads in <i>Beautesert Times</i> (29 May 2025, 5/12 June 2025, 4/11/18/25 September 2025) estimated reach: 46k people each week 4 ads in <i>Beautesert Bulletin</i> (13/30 May 2025; 5/19 September 2025) estimated reach: 12k people each issue
Media release / coverage	Inform	Local residents and businesses (Scenic Rim local government area): <i>Beautesert Times</i> (Thursday, weekly) <i>Beautesert Bulletin</i> (Friday, fortnightly) <i>Jimboomba Today</i> (Thursday, weekly)	October – December 2023 June – October 2025	Round 1 Engagement (2023): - Article “\$700m waste scheme” published 12/10/23 in the <i>Jimboomba Today</i> - Article “Cleanaway to bring rubbish power to Bromelton” published 29/10/23 in the <i>Beautesert Times</i> - Article “Cleanaway addresses community concerns” published 3/11/23 in the <i>Beautesert Bulletin</i> - Article “Facebook group aims to stop Bromelton garbage incinerator” published 15/12/23 in the <i>Beautesert Times</i> Round 2 Engagement (2025): - Article “Be part of the Bromelton Energy and Resource Centre Stakeholder Reference Group” published 4/6/25 in the <i>Beautesert Bulletin</i> - Article “Waste to Energy talk open” published 12/6/25 in the <i>Beautesert Times</i> - Article “Have your say on rubbish plan” published 13/6/25 in the <i>Jimboomba Today</i> - Article “Cleanaway spruiks Bromelton energy project to local businesses” published 19/10/25 in the <i>Beautesert Bulletin</i> - Article “Garbage to fuel local jobs” published 16/10/25 in <i>Beautesert Times</i>
Online survey	Consult	General public	3 – 31 October 2023 1 September – 10 October 2025	Round 1 Engagement (2023): 53 responses Round 2 Engagement (2025): 9 responses

Method / activity	Level of engagement (IAP2)	Relevant stakeholders	Timing	Results
Beaudesert Show trade stand	Inform	Local community	5 – 6 September 2025	Spoke with over 60 local community members about the proposal and provided factsheet hand-outs and encouraged people to fill out the online survey.
Community information sessions	Inform and consult	General public	18 – 19 October 2023 (in-person) 23 – 24 October 2023 (online) 19 – 20 September 2025 (in-person) 24 September 2025 (online)	Round 1 Engagement (2023): 28 people registered to attend an information session (16 online and 12 in-person), and a total of 22 people attended (8 online and 14 in-person). Round 2 Engagement (2025): 10 people registered to attend an information session (5 online and 5 in-person), and a total of 7 people attended (3 online and 4 in-person).
Local business event	Inform	Local business community	8 October 2025	21 local attendees from various businesses – co-hosted with Beaudesert Chamber of Commerce
Native Title Applicant Group engagement	Consult and Involve	Danggan Balun Native Title Applicant Group Queensland South Native Title Services	April – October 2025	Project briefing to Danggan Balun Applicant Group and QSNTS On site Welcome to Country and walk through to identify artefacts of cultural significance Detailed site survey with Elders
SRG meetings	Consult and Involve	22 SRG members representing the local community	23 July 2025 4 September 2025 7 October 2025 27 November 2025	1st SRG meeting (23 July 2025): - Introduction to the Project - SRG member introductions - Role of SRG - Review and endorsement of the Terms of Reference (TOR) - Input on the education program, precinct, and visitor centre, and review of 2025 community engagement program and collateral.

Method / activity	Level of engagement (IAP2)	Relevant stakeholders	Timing	Results
				2nd SRG (4 September 2025): • Project update • Review of actions from the previous meeting • Reports from SRG members sharing local community insights, opportunities, and issues • Specialist consultant presentations (Blue Phoenix and Katestone): Blue Phoenix discussed the BERC facility's incinerator bottom ash and aggregate (IBA/IBAA) outputs, and Katestone talked to air quality modelling and assessments. The group discussed ideas on how repurposed IBAA could be used and be of benefit to the local community. 3rd SRG (7 October 2025): • Run online and focussed on questions from the group and local community benefit opportunities and issues. 4th SRG (27 November 2025): • Specialist consultant presentations on Cleanaway's plastic recycling programs and decarbonisation / EfW carbon • 2026 look ahead.

4.2.1 Online survey results

4.2.1.1 Round 1 Engagement (2023)

Fifty-three people responded to the first online survey about the Project. Based on a recent SRRC survey at that time (47 responses) this a promising response rate given there was no established local database (like SRRC) and no prior project knowledge at that time.

The results have been grouped into the following categories: demographics, about the Project, community aspirations and values, potential project impacts, specific areas of interest and communication preferences.

Demographics

Survey respondents were asked to answer quantitative questions about the suburb they live in, household type, identity and income generated from their property.

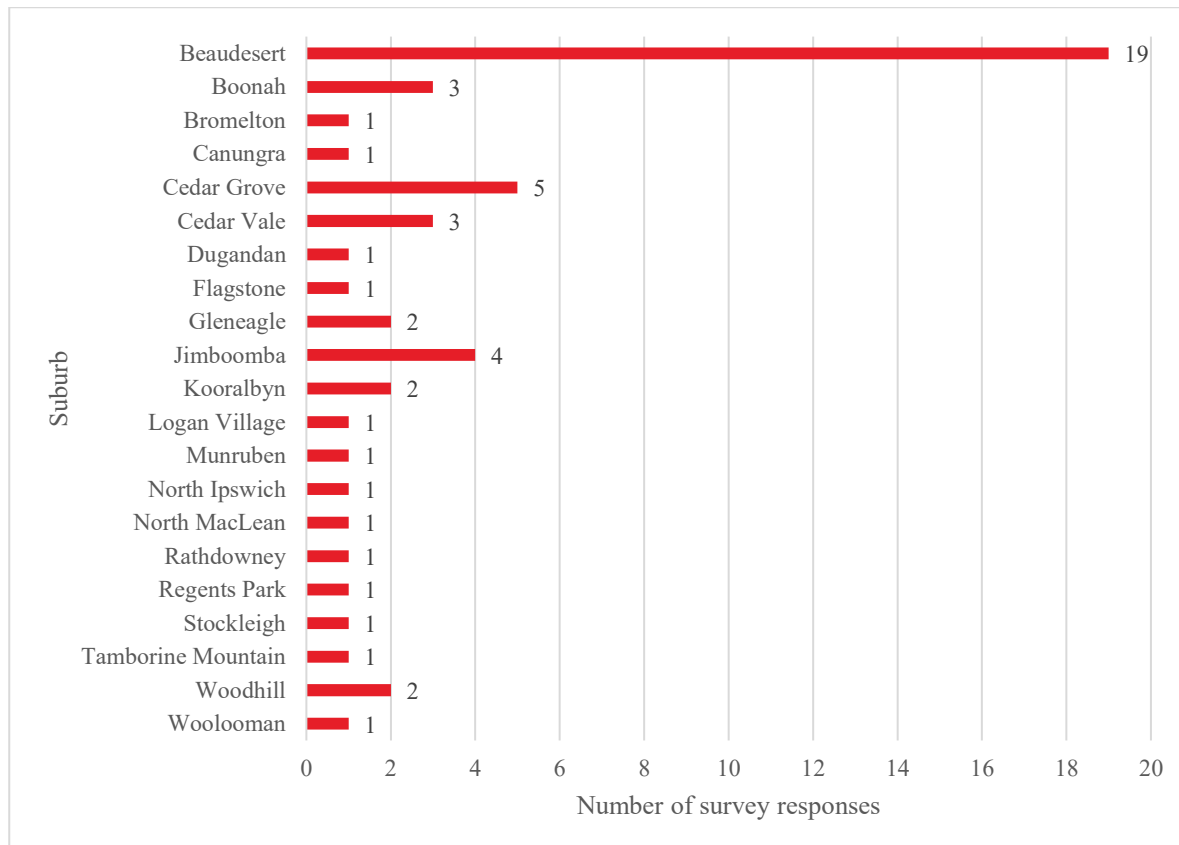


Figure 7: Survey respondents by suburb

Thirty-six per cent of survey respondents live in Beaudesert. Survey respondents represented suburbs in the Scenic Rim Region and adjoining local government areas.

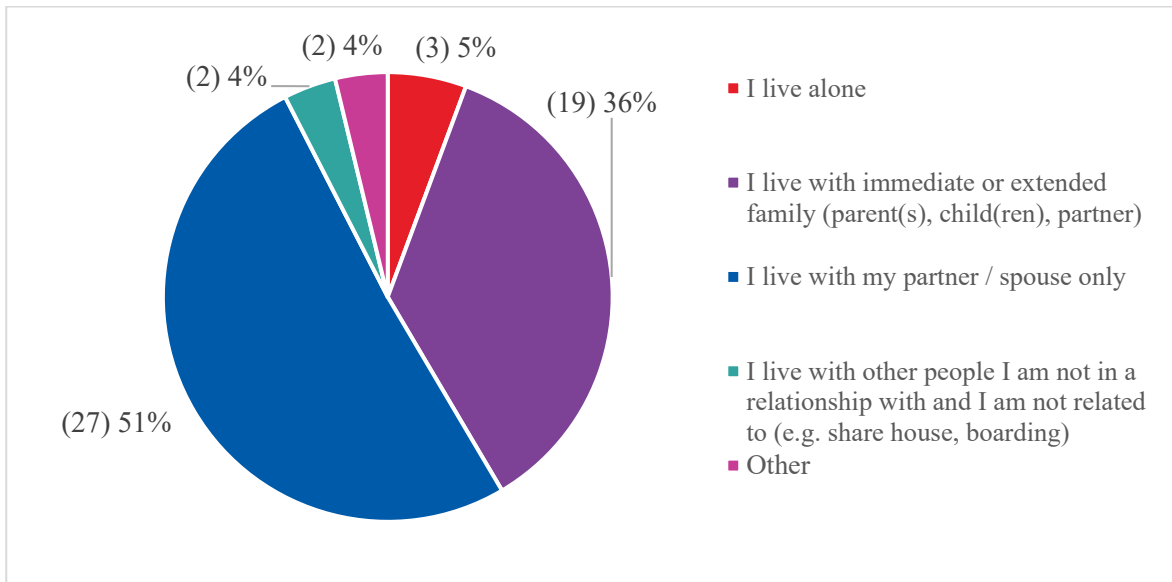


Figure 8: Household type of survey respondents

Half of respondents live with their partner or spouse only (51%) and more than a third of respondents live with immediate or extended family (36%).

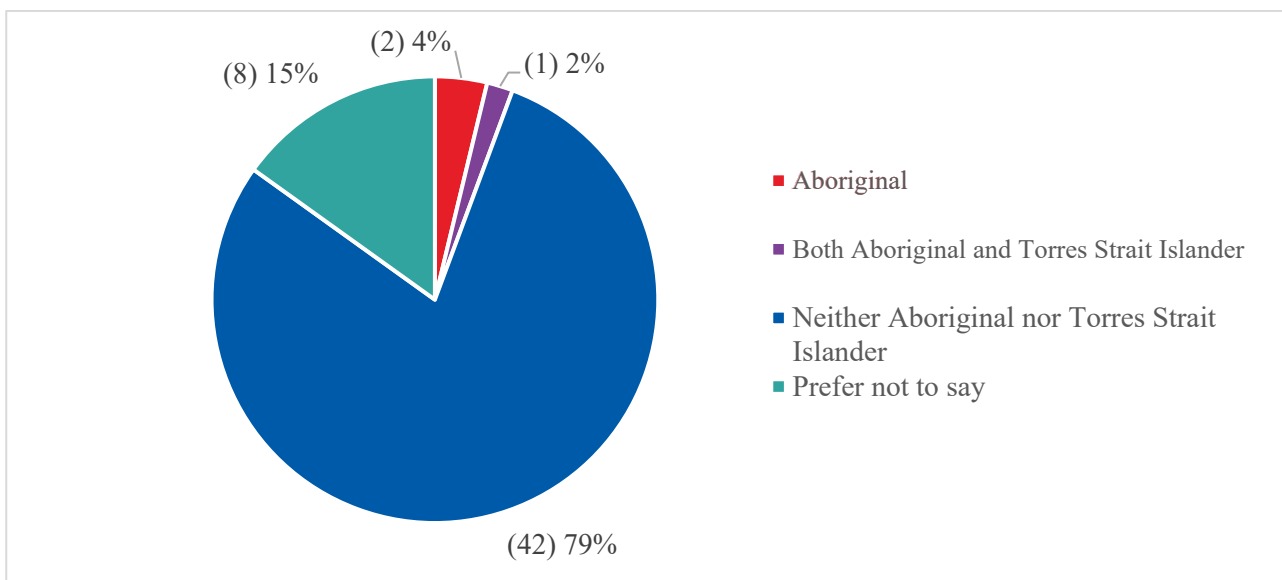


Figure 9: Identity of survey respondents

Four per cent of survey respondents identify as Aboriginal and two per cent identify as both Aboriginal and Torres Strait Islander. Most survey respondents identify as neither (79%).

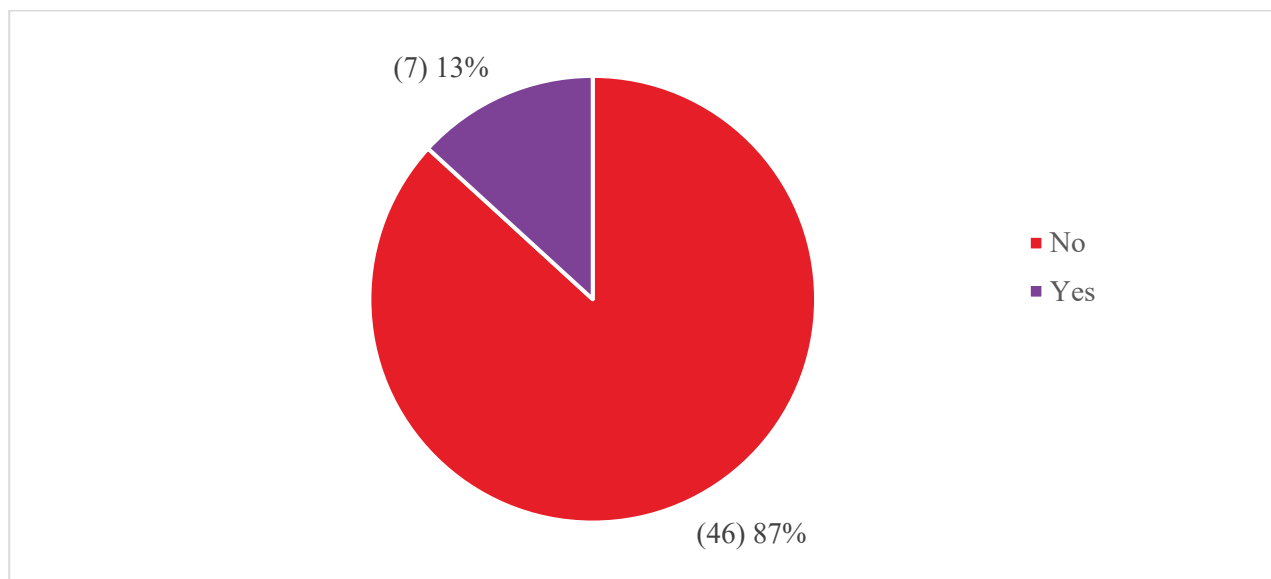


Figure 10: Income generated from property

Most survey respondents selected 'no' when asked about whether their household generates any income from their property (87%).

About the Project

Survey respondents were asked quantitative and qualitative questions about their level of support for the proposed facility, why they chose that level of support and what needs to be in place or change to make them feel comfortable about the Project.

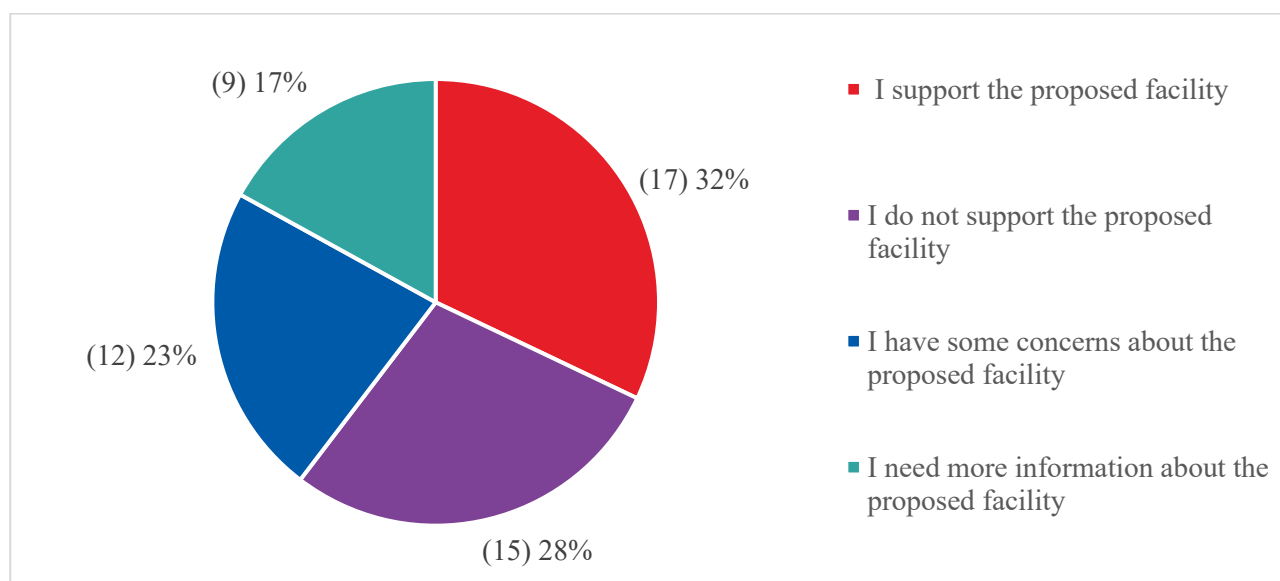


Figure 11: Level of support for the proposed facility

A third of survey respondents support the proposed facility (32%) and 28 per cent do not support the proposed facility. There is no correlation between level of support and suburb.

Reasons provided by survey respondents who support the proposed facility were about increased employment in the area, perceived environmental benefits, suitable location and support for using waste to generate energy.

“Recycling and energy efficiency are very important and Bromelton is a good central location in the Scenic Rim.”

“I think it’s a good place to locate it and it will bring employment to the area.”

Reasons provided by survey respondents who do not support the proposed facility were about smell/odour concerns, environmental impacts, human health impacts including air pollution, Cleanaway’s reputation, water consumption and perceived loss of valuable resources.

“Excessive water consumption and particulate distribution. Also, no guarantees that future waste will not include materials other than material waste.”

“The industrial waste and smell that the plant will create is concerning.”

Reasons provided by survey respondents who have some concerns about the proposed facility were about pollution (air, light, sound, waterways), transport of required fuels to site, inadequate road network, odour, traffic impacts from additional trucks, carbon emissions, Cleanaway’s reputation and preference for alternative energy generation.

“Pollution to Beaudesert / Logan River, increased traffic / trucks to Beaudesert. Increased light pollution sound pollution and visual (sic) abhorrent.”

“Smells, extra trucks on the Mount Lindsay Hwy.”

Reasons provided by survey respondents who need more information about the proposed facility were about odour control, waste incineration information online, environmental impacts and safety and needing more detailed information to make an informed decision.

“In theory the proposal is good, but I’d like to know more detailed information that will be available next year apparently.”

“Need more info about environmental impacts and safety.”

Specific areas of interest

Thirty-one survey respondents (58%) provided specific areas of interest that they would like more information on as planning for the Project progresses. These areas of interest were about:

- Community: consultation and feedback, benefits, impacts, education about composting
- Emissions: safety, lowering greenhouse gases, data
- Environment: benefits, long term effects, explain pollution problems
- Costs
- Traffic: congestion plan, truck movement numbers
- Location of waste sources i.e. local government areas
- Plans for the proposed Project
- Power distribution
- Employment: during construction and operation
- Risks

- Water: utilisation of wastewater.

Communication preferences

Figure 12 shows the preferred communication method by survey respondents.

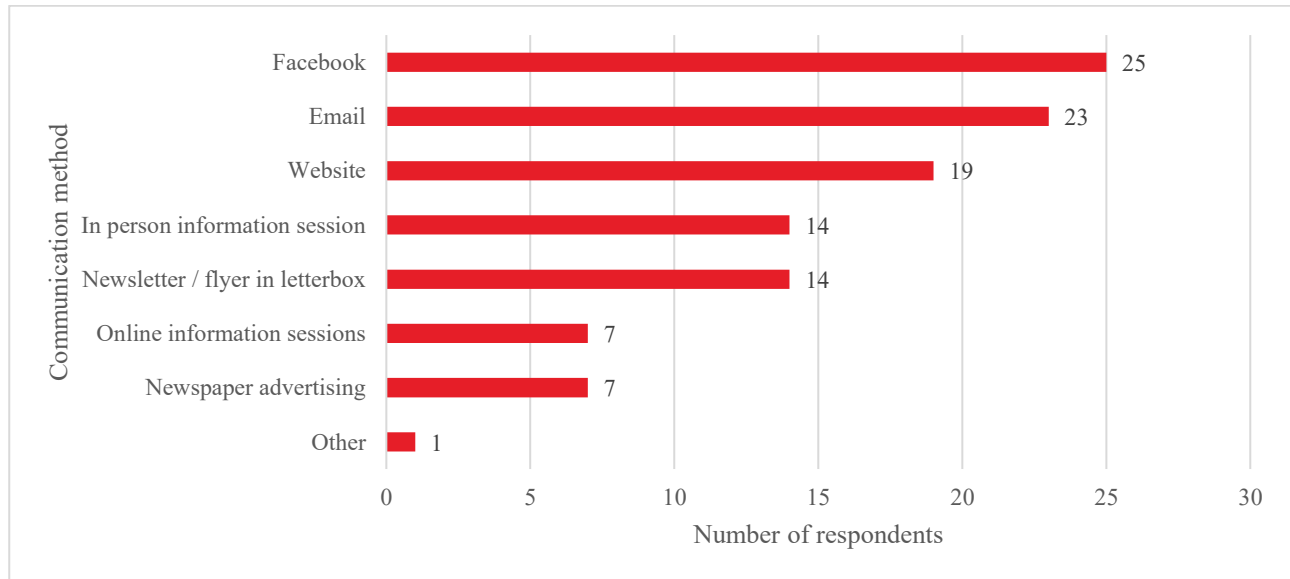


Figure 12: Communication preferences

Online communication tools were the most preferred methods of communication by survey respondents including Facebook, email and website.

Demand for hard copy information and in-person sessions is shown in the survey results and was also discussed at the in-person information sessions. The Other response was 'none please'.

Community aspirations and values

Survey respondents were asked about their definition of community and which characteristics they value most about their community.

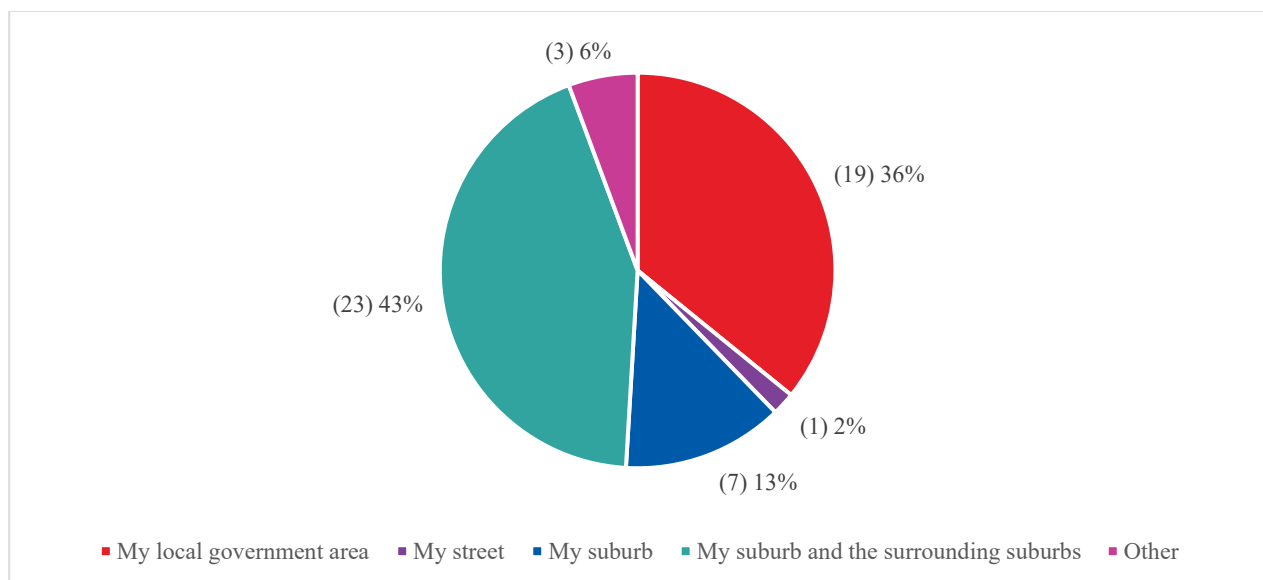


Figure 13: How survey respondents define their community

Most survey respondents define their community as either 'my local government area' (36%) or 'My suburb and the surrounding suburbs' (43%).

The Other responses were ‘SEQ’, ‘I work in Beaudesert and ‘my suburb, surrounding areas, and the places where my family work, go to school and play sports’.

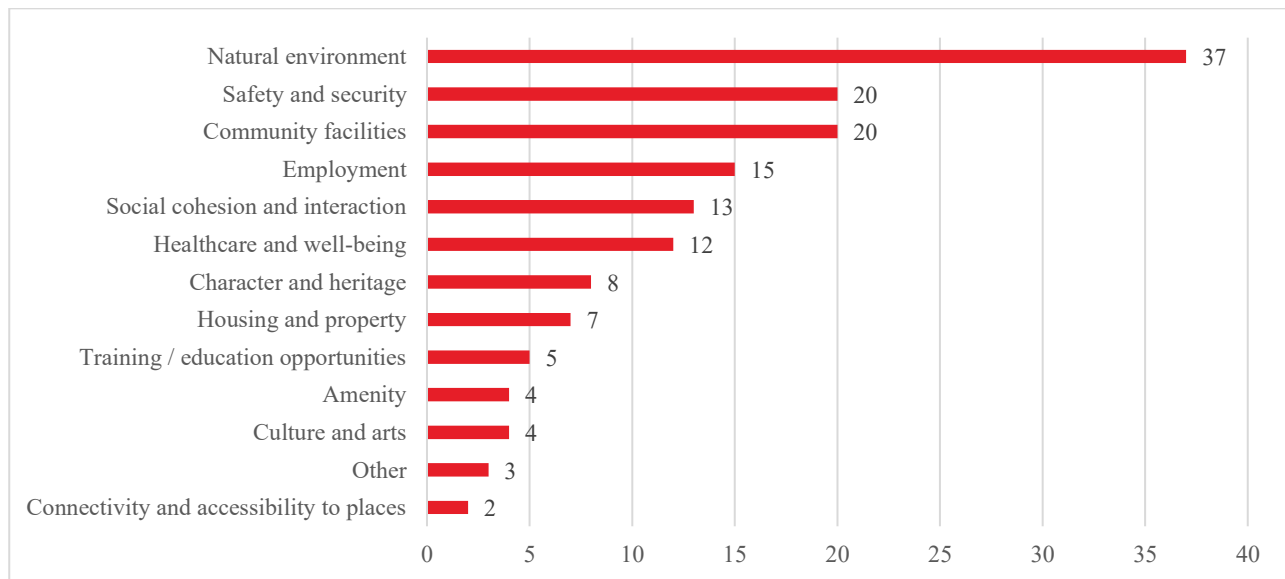


Figure 14: Most valued community characteristics

The most valued characteristics of the community by survey respondents were natural environment (70%) followed equally by safety and security (38%) and community facilities (38%).

Potential project impacts

Thirty survey respondents (56%) provided opportunities or positive impacts the Project might have on them. Themes and percentage of all survey respondents for each were:

- Employment and economic benefits (38%)
- Energy including production, reduced costs (17%)
- Waste reduction or reuse (15%).

Forty-one survey respondents (77%) provided negative impacts the Project might have on them. Themes and percentages of all survey respondents for each were:

- Traffic (32%)
- Odour (21%)
- Air quality (17%)
- Environment (15%)
- Health (8%)
- Community (8%)
- Land values (4%).

Forty-two survey respondents provided suggestions about how negative impacts could be minimised or avoided. Themes and percentages of all survey respondents for each were:

- Don't build it or build it elsewhere (21%)
- Alternative solutions for waste, circular economy and renewable energy (11%)
- Controls including for odour (7%)
- Highway and road upgrades (7%)

- Use rail line (6%)
- Communication and information sharing (4%)
- Education (2%)
- Performance guarantees (2%)
- Independent governance (2%)
- Organised and secure management of the facility (2%)
- Council support for other projects in Scenic Rim (2%)
- Environmental impact assessments and care so waterways are not compromised (2%).

4.2.1.2 Round 2 Engagement (2025)

An online survey was made available again during round 2 engagement to gauge what issues were important to the community two years since the first survey. It also sought to confirm preferred communication channels and what opportunities and benefits should be further explored. Nine people responded to the online survey about the Project which was open for six weeks from 1 September to 10 October 2025. The survey was promoted through all channels of communication and extended for a week to allow for more participation following the local business event and other informal promotion through stakeholder contact.

Demographics

Of the nine respondents, 3 live in Beaudesert, 2 in Cedar Vale, 1 in Gleneagle, 1 in Canungra, 1 in Kooralbyn and 1 in Boonah. The majority of respondents have lived in their suburb for more than 10 years.

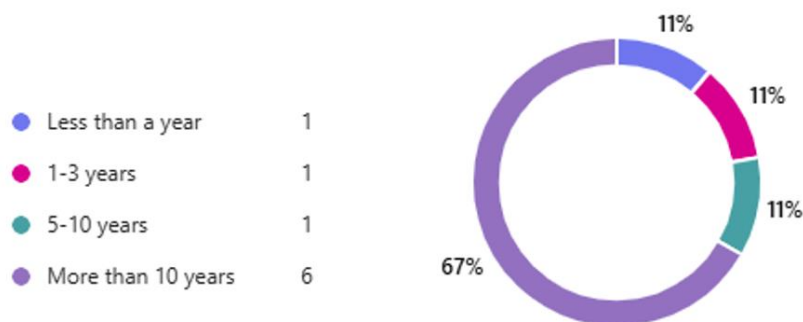


Figure 15: Where survey respondents live

Four respondents identified as neither Aboriginal and Torres Strait Islander, and 5 respondents preferred not to specify.

About the Project

Of the nine respondents, 1 had been following the proposal and have been informed by previous engagement, 4 respondents said they didn't know about the BERC proposal or technology and 4 respondents said they know a little about the proposal.

When asked about level of support for the proposal, the majority of respondents wanted more information about the proposed facility.

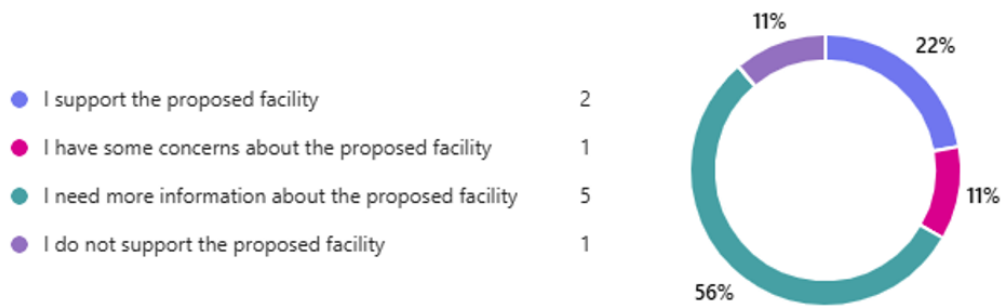


Figure 16: Level of support

When asked for more information about their level of support, responses were:

“Concerned about environmental impacts”

“I want more information”

“Self explanatory”

“I thought it may inform me of the proposal”

“No information”

“Other countries are using this technology”

“It makes sense to burn rubbish to make electricity”

“It will be too close to town. The constant blow of smoke/smell/whatever is in the smoke will blow straight into town and wreck the town. The fact no enviro effect statement is done is clearly dodgy. If it’s so safe then it would be done and cleared. No one wants to raise a family around these facilities. The infrastructure around town can’t handle all the extra trucks either. These small towns are constantly wrecked by rich millionaires that will never be affected by them in the city homes, not to forget as well that these facilities will negatively affect property values near and around.”

“Just haven’t got any information in a good format to understand.”

When asked what needs to be in place / change to make you feel comfortable about the BERC project, respondents answered with responses shown in **Error! Reference source not found.**

1	anonymous	More information being provided
2	anonymous	Answers. Drawings. What process is in place for increasing traffic . What local support is CLW going to give back to the community
3	anonymous	Guarantee no increase in rates
4	anonymous	Environmental impact assessment
5	anonymous	Information
6	anonymous	I think I'm happy with it.
7	anonymous	Nothing
8	anonymous	Over 30kms out of any town over 1000 people, with proper transport infrastructure and environment effect statements.
9	anonymous	More item to understand the control of the emissions

Figure 17: Additional responses

Respondents offered the following when asked what (if any) opportunities or positive impacts do they think the project might have:

“Employment opportunities”

“Not sure yet”

“Unknown”

“Jobs clean energy”

“Very little”

“Jobs, cheaper electricity, solution for rubbish disposal”

“More local employment”

“None, power won’t be getting cheaper anyways”

“Employment”

When asked about how positive impacts or opportunities could be enhanced, respondents offered responses in Figure 18.

1	anonymous	A local biased employment strategy
2	anonymous	I will come back to you
3	anonymous	Unknown
4	anonymous	Expansion
5	anonymous	Information
6	anonymous	I really don't know
7	anonymous	Not sure
8	anonymous	If this actually made power cheaper I'm sure alot more people would warm to the idea, but that wont happen and it'll wreck the town so its a lose/lose
9	anonymous	More jobs

Figure 18: How positive impacts can be enhanced

Respondents offered the responses in Figure 19 when asked what (if any) negative impacts do they think the project might have.

1	anonymous	Environmental issues
2	anonymous	Increase in traffic and odour
3	anonymous	Increased rates
4	anonymous	Smells pollution
5	anonymous	Smell
6	anonymous	Increased truck traffic on already congested Scenic Rim roads
7	anonymous	Maybe smell but this area stinks anyway
8	anonymous	Lots, as mentioned above. It will be to close to town. The constant blow of smoke/smell/whatever is in the smoke will blow straight into town and wreck the town. The fact no enviro effect statement is done is clearly dodgy, if its so safe then it would be done and cleared. No one wants to raise a family around these facilities. The infrastructure around town cant handle all the extra trucks eitherThese small towns are constantly wrecked by rich millionares that will never be affected by them in the city homes.
9	anonymous	Better understanding the long term impact of the surrounding area

Figure 19: Negative impacts

When asked about how negative impacts could be minimised or avoided, respondents offered the responses shown in Figure 20.

1	anonymous	As above
2	anonymous	Facility gets moved out of upcoming residential area
3	anonymous	No increase in rates
4	anonymous	They must be eliminated
5	anonymous	Relocation
6	anonymous	Improve roads
7	anonymous	Don't think they can
8	anonymous	Build Over 30kms from town, complete the environmental effect reports, and fix the surrounds roads to handle the extra trucks
9	anonymous	Better communication with locals

Figure 20: Improving negative impacts

Communication in the future

Respondents replied with these responses when asked if they have specific areas of interest they would like more information about as planning for the project progresses:

“No”

“Send me information and then I will reply”

“The whole program / project”

“How long until it's built”

“Not really, the government will take under the table payments, it'll go ahead and the residents in these poor towns will be left to suffer”

“Emissions”

Respondents gave preferences about how they would like to be kept informed about the project and future community engagement as shown in Figure 21.

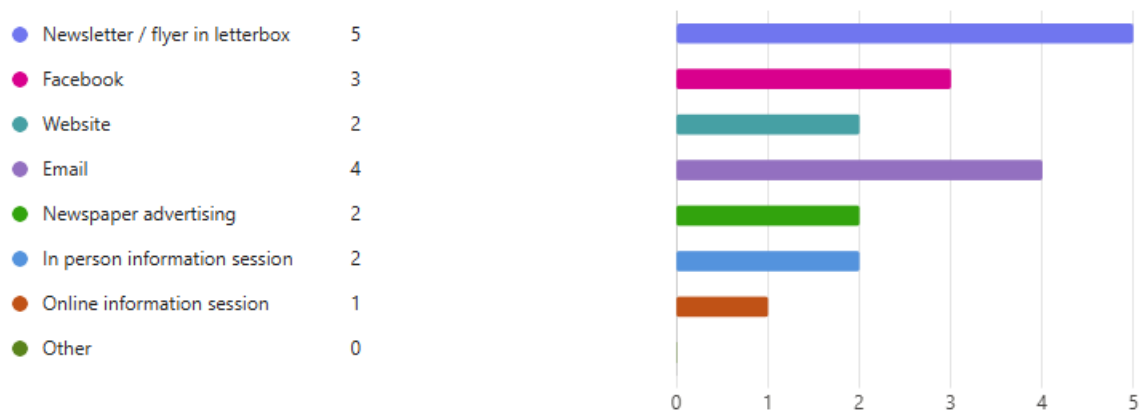


Figure 21: Communication preferences

4.3 How stakeholder feedback influenced the Project

The topics, concerns and issues raised by the community have directly informed, and will continue to inform, the design development, impact mitigation, and future project communication and collateral. All matters of concern were documented and passed on to the Project’s technical assessment team for consideration as part of the ongoing planning and assessment process.

Opportunities and suggested local benefits raised during engagement interactions were about the local importance of water consumption and need for sustainable water sources, the opportunity to address high levels of youth unemployment, using recovered resources for local community projects and the need to focus on other local initiatives higher up on the waste hierarchy.

Stakeholder feedback that has informed design / technical assessments includes:

- [REDACTED]
- Negative pressure and quick close doors for facility to manage odour
- Signalised intersection to manage traffic entry / exit.

The SRG is recommended to continue post approvals phase to guide the realisation of local benefits and opportunities, as well as continue to feedback information to address concerns and issues.

5. Establishing social licence

Establishing and maintaining social licence across the range of BERC stakeholders that have varied interests is a long term commitment and has been the core of this engagement program. Engagement with the community from the earliest stages of the planning application process was intentional and sought to build relationships from the start based on trust and transparency. The project team is aware that gaining and maintaining social licence evolves over the life of the project and is essential to developing the project as something that contributes positively to the local community.

This detailed engagement program with multiple rounds of activity acknowledges the explanation of social licence given in the Queensland Government Energy from Waste Guideline: social licence is built on trust; it is not tangible as there is no written agreement or formal licence. Once earned, social licence is not fixed, but it varies over time in response to changes in the community and the company's behaviour and can be withdrawn at any time.

As defined in the Infrastructure Partnerships Australia and L.E.K. Consulting research paper, *Building Trust: Social Licence for Infrastructure*, having a social licence means the community trusts that an organisation will act in line with their interests, beyond complying with legal, regulatory or contractual obligations.

The BERC project team has actively been building trust and social licence through the following five pathways:

Trust pathway

1. Genuine dialogue and relationship building

Demonstrated by

- Extensive local meetings with community representatives
- Becoming members of the Beaudesert Chamber of Commerce and Bromelton Business Group, attending local events
- Establishing a SRG and meeting regularly to maintain open dialogue, answer questions and follow up opportunities
- Providing a range of ways locals can have two-way conversations with the Project team like attend community events, run information sessions outside business hours, establish contact points for direct contact

2. Good neighbour agreement

- Regular meetings with neighbours and the Bromelton Business Group to understand local needs and identify mutually beneficial opportunities
- Consider neighbour needs and seek circular precinct opportunities
- Commit to ongoing neighbour liaison as the Project progresses
- Extend good neighbour behaviours beyond the precinct and explore with the SRG how the project can be a good community neighbour and provide local benefits

3. Demonstrating that we are minimising impacts

- Listen to concerns and respond with accurate information about how impacts are being minimised
- Use best available technology to protect air quality
- Implement driver training to ensure heavy vehicles use designated heavy vehicle routes and not local roads



- Report back on issues raised through clear communication collateral, demonstrating we heard you and are responding

4. Delivering positive impacts and community benefit

- Seeking feedback specifically about what positive benefits the Project can deliver
- Commit to Community Benefit Fund and local administration (potentially through SRG or similar) if Project is approved
- Continue working with local high schools, First Nations training providers, local apprenticeship providers to tailor training and career pathways
- Work with local businesses on procurement and local supply opportunities to realise local economic benefit
- Create a keeping place for Aboriginal artefacts on site.
- Utilise the visitor centre at BERC to promote Indigenous narratives as they relate to Country and educate visitors about Aboriginal ecological stewardship.

5. Preserving environmental values

- Use best available technology to protect air quality
- Commit to local environmental sustainability and waste management education / visitor experiences for broad benefit
- Continue working with utility providers on future recycled water usage in the facility
- Utilise the visitor centre at BERC to promote Indigenous narratives as they relate to Country and educate visitors about Aboriginal ecological stewardship.

New infrastructure and new ways to deal with waste understandably bring uncertainty and some local opposition. The BERC project team implemented an extensive engagement program spanning years that enabled those with concerns to have a voice and establish open dialogue to have issues heard and addressed. While EfW may not be the preference for all in terms of how waste is managed, there are many in the community that support a shift from landfill and toward resource recovery and reuse. Making sure the project team consistently communicates about how impacts are managed and demonstrating during operation this commitment in action will continue to build trust and relationships across all project stakeholders.

6. Engagement evaluation

Table 9 evaluates how the engagement objectives have been achieved.

Table 9: Engagement evaluation

Engagement objective	Success criteria	Evaluation
Provide timely and relevant information to all stakeholders about the Project to enable meaningful and well-informed engagement	Ongoing Delivery of communication activities as per the Community and Stakeholder Engagement Plan to provide advance notification and accessibility of information Volume and type of stakeholder queries/complaints received Meetings with stakeholders	Communication activities delivered as per plan. Very low volume of stakeholder queries/complaints to date. Questions/concerns raised through information sessions, online survey and social media. 30 + proactive meetings with government agencies, utilities, business groups and site neighbours. Proactive engagement and relationship building with Native Title Applicant Group to acknowledge cultural values and narratives.
Listen, understand and respond to issues raised by key stakeholders and decision makers to enable the BERC approvals pathway	Ongoing Delivery of communication activities as per the Community and Stakeholder Engagement Plan Volume and type of stakeholder queries/complaints received Meetings with stakeholders	Communication activities delivered as per plan. Very low volume of stakeholder queries/complaints to date. Questions/concerns raised through information sessions, online survey and social media. 30 + proactive meetings with government agencies, utilities, business groups and site neighbours. Proactive engagement and relationship building with Native Title Applicant Group to acknowledge cultural values and narratives. Recording of contact, follow up of actions, responding to enquiries, logging and actioning opportunities.
Seek community and stakeholder inputs into the Project	Feedback received about the Project.	Local community values raised during community engagement were about the local importance of water consumption and need for sustainable water sources, concern about air quality, the opportunity to address high levels of youth unemployment and the need to focus on other local initiatives higher up on the waste hierarchy. Stakeholder feedback that has informed design / technical assessments includes: - Negative pressure and quick close doors for facility to manage odour - Signalised intersection. [REDACTED]

Engagement objective	Success criteria	Evaluation
		Create a keeping place for Aboriginal artefacts on site.
Identify material issues to inform technical studies and respond with impact mitigation	Feedback received about the Project. Identified mitigation measures agreed to and communicated	Potential issues identified during round 1 and 2 engagement, responding to these in subsequent communication. Additional community engagement planned to coincide with public notification of the planning application in 2026.
Comply with government consultation requirements	Acknowledgement of Office of the Coordinator-General Requirements of the EfW policy and the Consultation policy for SDAs	Office of the Coordinator-General (OCG) reviewed and provided input to and endorsed the Plan. Public notification requirements in 2026 as directed by OCG. Engagement approach, objectives, principles and implementation align with Outcome 3 – Community engagement of the Queensland Government Energy from Waste Guideline.
Encourage social licence and stakeholder support for the project	Ongoing Sentiment tracking via general media, social media and through stakeholder interactions	The project team's approach to early engagement and multiple rounds has started a solid foundation of building trust and transparency with stakeholders. Demonstrated actions along five trust pathways (refer to Section 5). Stakeholder Reference Group (SRG) formed to be an ongoing advisory touchpoint with the community. Additional community engagement planned to coincide with public notification of the planning application in 2026.

7. Conclusion

Engagement undertaken by Cleanaway and the Project team over two rounds during the planning phase of the proposed BERC has been vital in shaping the Project's development. This report demonstrates how the Project team has met Outcome 3 – Community engagement, from the Queensland Government Energy from Waste Guideline. Initial engagement activities undertaken in 2023 successfully raised local awareness and gathered early community insights. Feedback during 2025 engagement on proposal updates has reinforced to the Project team what is important to the community and will inform impact mitigation, future communication and shape local community benefits.

Through a mix of in person, online, print and social media tools, the engagement program has reached tens of thousands of people within the local community.

Topics consistently raised by the community were about traffic impacts of additional trucks moving waste to and from the facility and environmental impacts including air quality and odour. The third round of engagement planned for 2026 will involve the Project team reporting back on the important issues and mitigations with summaries from technical assessments. Future engagement will also focus on realising the varied potential benefits the BERC will bring to the community.

The project team's commitment to building social licence continued through 2025 with the formation of an SRG to regularly advise on community issues and information needs. The SRG aims to represent a range of local community interests through the participation of elected representatives, business and industry representatives, residents, young people and community groups. SRG meetings will continue as the Project progresses and is seen to be an important touchpoint with the community to build trust and provide accurate information about EfW and the Project.

Establishing and maintaining social licence across the range of BERC stakeholders that have varied areas of interest is a long-term commitment and has been the core of this engagement program. The project team is aware that gaining and maintaining social licence evolves over the life of the project and is essential to developing the project as something that contributes positively to the local community.

The Project team will respond to the key issues and opportunities raised during the project engagement program through a range of commitments, outlined in this report. A third round of engagement is planned in 2026 to coincide with the public notification activity required by the Office of the Coordinator-General as part of the planning application process. In addition to the requirements, the project team plans to report back to the community about the results of the varied technical assessments through varied engagement activities similar to those in round 1 and 2. Summary materials (to support the full technical reports available) will be produced to alleviate concerns raised in earlier rounds of engagement.

Appendices

A.1 Factsheets and posters

Energy from waste: proven technology

BROMELTON
ENERGY & RESOURCE
CENTRE Powered by CLEANAWAY

The Bromelton Energy & Resource Centre (BERC) facility will use safe, proven technology that has been successfully used for decades in cities across Europe. The BERC facility proposes to adopt moving grate technology which has been used in many European and international energy from waste (EfW) facilities to process mixed residual waste.

There are currently two EfW facilities being implemented in Western Australia. Victoria currently has a number for EfW facilities in development that are yet to start construction. The BERC is intended to be the first EfW for Queensland.

For more information about established international EfW facilities, visit our project website to read the various case studies.

Amager Bakke, Denmark



Dublin Energy from Waste facility, Ireland



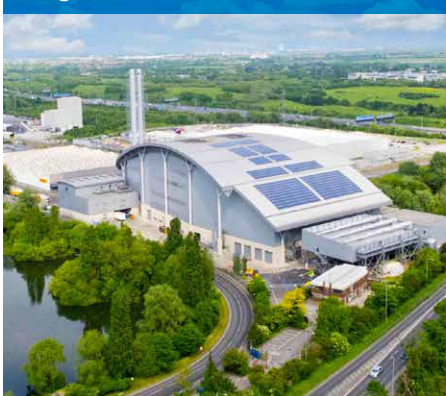
Duiven Energy from Waste plant, The Netherlands



Filbörnaverket Energy from waste facility, Sweden



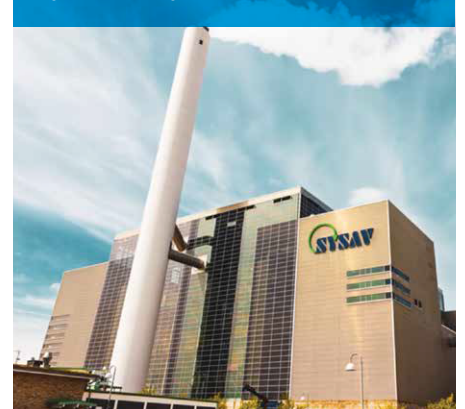
Lakeside Energy from Waste Centre, England



Leeds Recycling and Energy Recovery Facility, England



Sysav Facility in Malmö, Sweden



Have questions or require translation support?

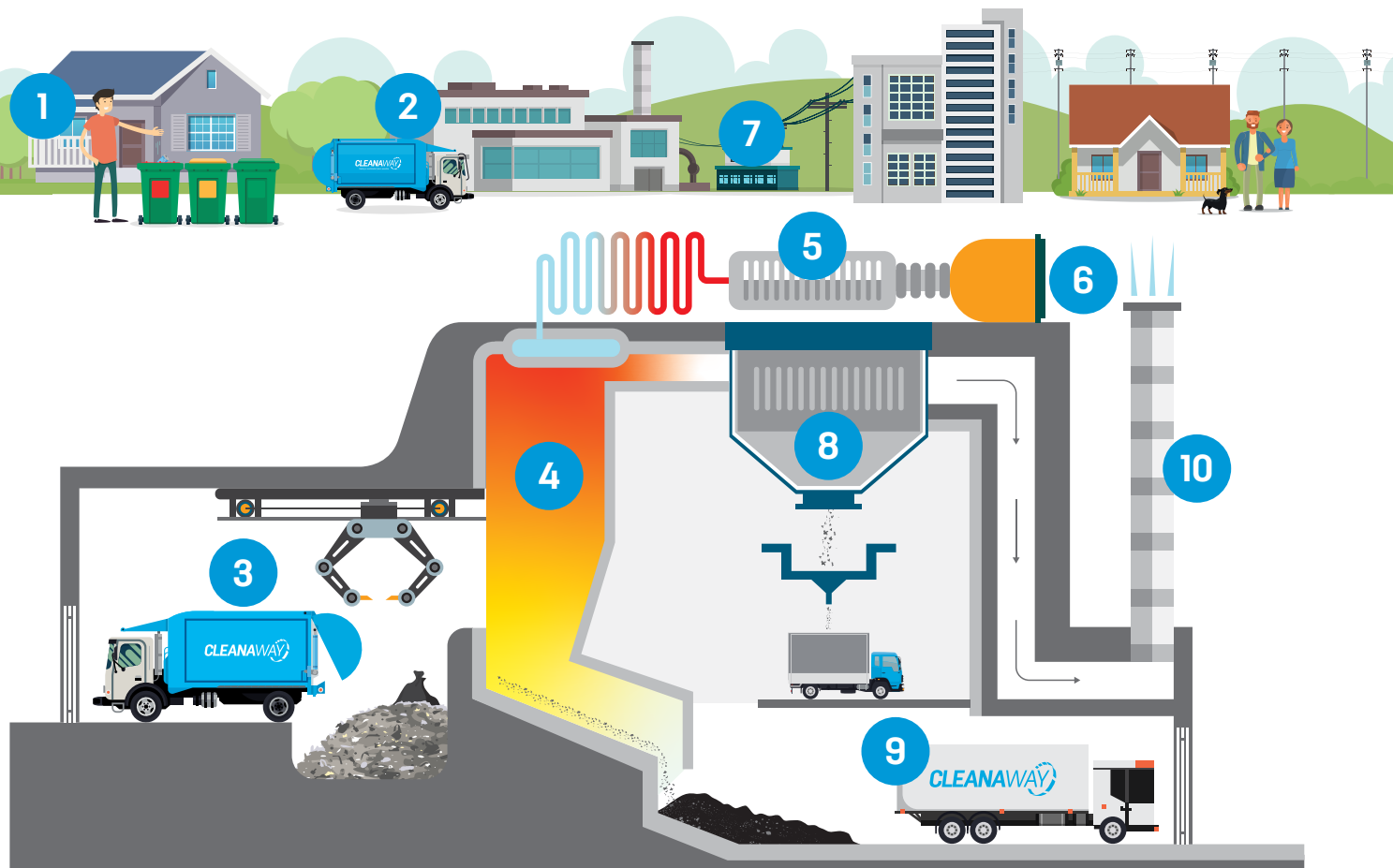
Phone: 0438 887 569

Email: efw.bromelton@cleanaway.com.au

Website: www.cleanaway.com.au/location/bromelton-energy-and-resource-centre

How does it work?

BROMELTON
ENERGY & RESOURCE
CENTRE Powered by CLEANAWAY



- 1 At home and work, we sort our waste into recyclable and non-recyclable items.
- 2 Before arrival at the energy from waste facility, residual waste that has been sorted at home and work is delivered to the facility.
- 3 In the bunker, waste is mixed, ensuring consistency, by large crane claws before placement into the combustion chamber.
- 4 Waste is combusted as it moves along a moving grate. The temperature in the combustion chamber reaches more than 850°C to ensure that waste combusts completely while also destroying organic pollutants and odour.
- 5 Water is heated during combustion creating steam which turns a turbine.
- 6 Baseload electricity is generated.
- 7 Electricity is put back into the grid and used to power homes and businesses.
- 8 Gases created during combustion pass through a multi-step flue gas treatment system, removing pollutants from the gases. Residues from the flue gas treatment are collected in a sealed system for treatment before disposal.
- 9 Bottom ash from the combustion process is collected and stored. Metals are recovered for recycling. It is intended that the remaining bottom ash is sent for reuse in construction.
- 10 Cleaned gases and steam are dispersed high into the atmosphere, mixing well to ensure negligible impact on the surrounding air quality.



Have questions or require translation support?

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Project overview

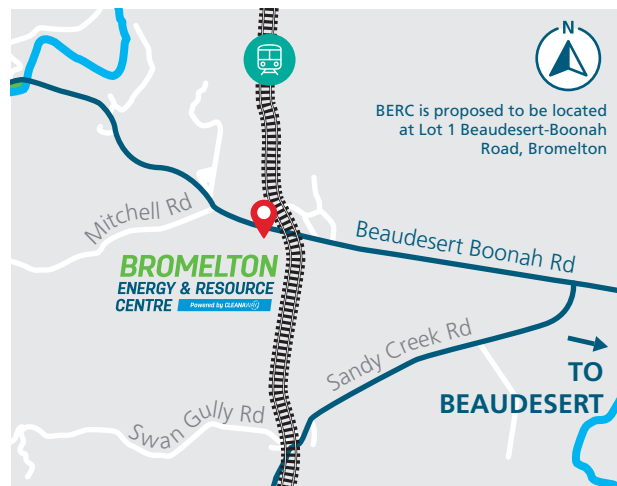
Project benefits

The BERC will:

- Reduce waste taken to landfill by 760,000 tonnes per year, or about 12% of the total waste sent to landfill in Queensland.
- Generate up to 73 megawatts of electricity which is enough to power more than 105,000 Queensland homes.
- Recover resources that can be reused like an estimated 16,700 tonnes of metals and 164,000 tonnes of construction aggregate each year.
- Create approximately 800 jobs during construction and 50 jobs during operation.
- Benefit the local economy with many local business supplier opportunities.

About the process

The BERC facility would be located within the Bromelton State Development Area (SDA), designated for high impact and hard to locate industries. The Queensland Government Coordinator-General assesses and decides all applications within the Bromelton SDA. The BERC planning application will be submitted to the Coordinator-General for consideration in early 2026. More public consultation about the proposal will occur after lodgement where the community can provide comments on the application to the Coordinator-General.



Project timeline*



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Residual waste explained

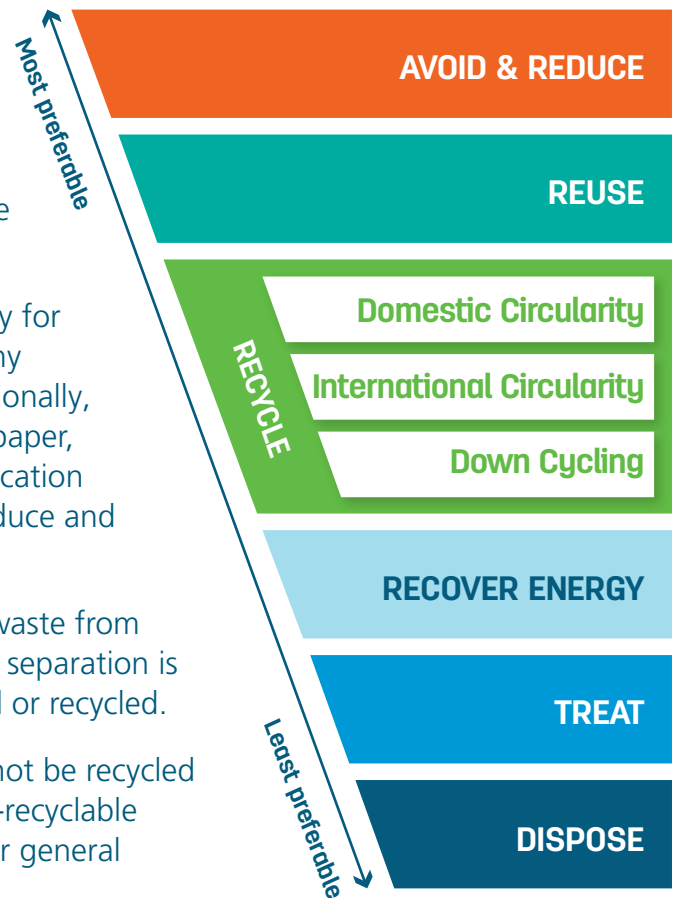
Residual waste is waste that cannot be avoided, reused or recycled, that would otherwise go to landfill.

To better manage resources that end up as waste, we need to find ways to work at higher levels of the waste hierarchy.

Cleanaway invests in all levels of the waste hierarchy for a more sustainable future. Cleanaway operates many waste and recycling services in Queensland and nationally, including food and garden organic material, glass, paper, cardboard and plastic. Cleanaway also invest in education programs and support innovative ideas to avoid, reduce and reuse waste.

The BERC will process residual waste, which is the waste from homes, businesses and organisations, where source separation is in place to first remove waste that can be recovered or recycled.

The residual waste typically includes items that cannot be recycled yet such as nappies and sanitary items, tissues, non-recyclable plastics and packaging, worn out clothing and other general household waste.



The BERC will produce energy and recover valuable materials from the residual waste instead of sending it to landfill.

The BERC will process residual waste from South East Queensland. The expected 760,000 tonnes of waste to be processed each year at the BERC equates to approximately 12% of the total waste sent to landfill in Queensland.



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As part of planning for the BERC, Cleanaway are undertaking a detailed traffic impact assessment, following the guidance set out by the Department of Transport and Main Roads (TMR). This includes:

- Measuring current traffic levels on nearby roads
- Estimating traffic generated by the BERC

Waste delivery

Waste will come from local councils across South East Queensland, with a primary focus on those closest to the BERC site.

Traffic volumes

Around 472 vehicle trips per day are expected in both directions (236 vehicles arriving and 236 leaving)

This includes:

- Waste deliveries
- Delivery of materials and supplies
- Vehicles removing by-products from the plant
- Staff vehicles



472
expected vehicle
trips per day



236
vehicles arriving



236
vehicles leaving

Transport routes

Trucks and vehicles will use different routes depending on where they are coming from. Key access roads are expected to include Beaudesert Boonah Road, Ipswich Boonah Road, Mt Lindesay Highway and the M1. A detailed route plan will be finalised before operations begin based on contract waste collection areas.

Site access

Access to the BERC is proposed via a new signalised four-way intersection with Recycling Street. To facilitate safe access and egress at the proposed intersection, it is proposed to reduce the speed limit along Beaudesert Boonah Road in the vicinity of the intersection to 70 km/h.



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Why do we need it?



Landfilling buries useful resources

By landfilling, we are burying useful materials and metals that could otherwise be used. We need to find a sustainable alternative to recover valuable resources.



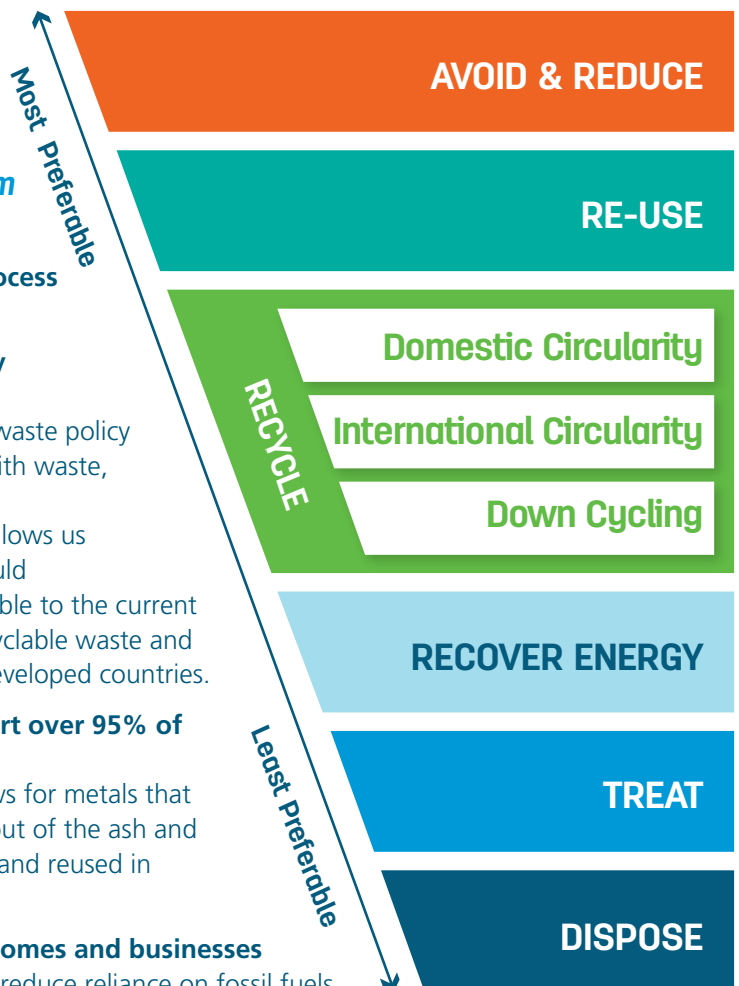
Growing need to reduce the volume of waste that ends up in landfill

Cleanaway supports the Queensland Government's strategy to reduce waste disposed to landfill. In 2017-18, Queensland produced nearly 11 million tonnes of waste, with the increase in waste generated over the last decade outstripping population growth by 19%.*

*Queensland Government Waste Management and Resource Recovery Strategy

To better manage waste in Queensland, we need to find ways to work at higher levels of the waste hierarchy. In addition to education on waste avoidance, reduction and recycling facilities, Cleanaway is developing Energy from waste (EfW) as an alternative to landfill.

- ✓ **EfW provides a sustainable, safe, alternative process to managing waste that cannot be recycled**
- ✓ **Energy recovery is higher in the waste hierarchy compared to landfill / disposal**
The Waste Hierarchy is reflected across Queensland waste policy and identifies the preferred approaches to dealing with waste, with avoidance being the most preferable outcome. EfW sits above disposal in the waste hierarchy as it allows us to recover energy and materials from waste that would otherwise be sent to landfill. This makes EfW preferable to the current system of landfill disposal for managing our non-recyclable waste and is common practice across Europe and most other developed countries.
- ✓ **EfW is complementary to recycling and can divert over 95% of residual waste from landfill**
EfW supports and contributes to recycling. EfW allows for metals that would otherwise be sent to landfill to be recovered out of the ash and recycled. It is intended that the ash will be stabilised and reused in construction, such as roads.
- ✓ **EfW produces electricity for the grid to power homes and businesses**
EfW facilities produce reliable power to the grid and reduce reliance on fossil fuels.



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A.2 Newsletters

BROMELTON ENERGY & RESOURCE CENTRE

Powered by CLEANAWAY



*Cleanaway plans to establish the **Bromelton Energy and Resource Centre** to turn waste into energy and recover valuable resources.*

September 2025

This is our third community newsletter about the proposed Bromelton Energy and Resource Centre (BERC). In this issue, we give an update on what the facility will look like, how it will operate, the amount of waste that will be kept out of landfill and resources recovered. Details from a wide range of technical assessments are now available on our website and we invite you to talk to a team member at one of our community engagement events during September 2025. We want to hear about what aspects of the BERC are important to you. Your feedback is an important part of our planning.

Artist impression of the BERC at Lot 1 Beaudesert-Boonah Road, in the Bromelton State Development Area



Why do we need it?



Landfilling buries useful resources

By landfilling, we are burying useful materials and metals that could otherwise be used. We need to find a sustainable alternative to recover valuable resources.



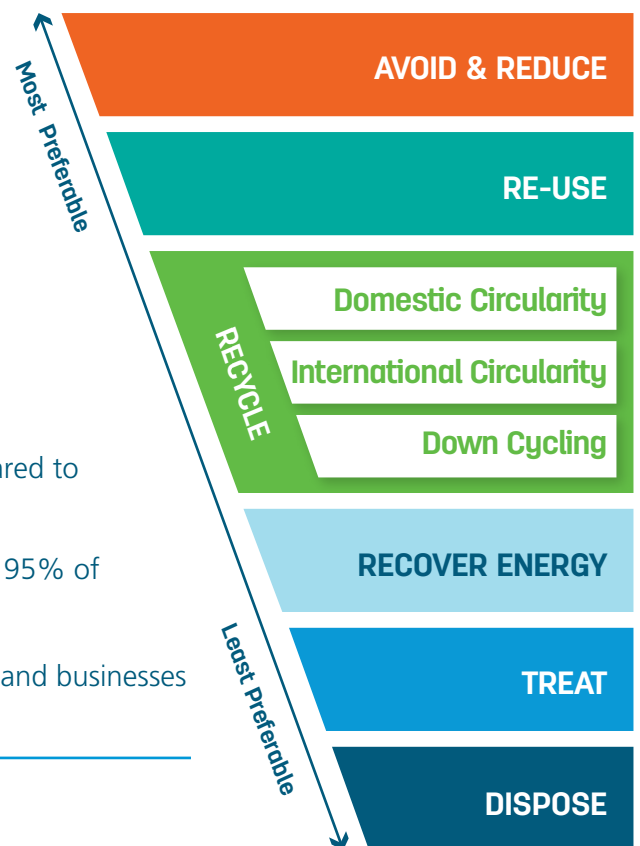
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- ✓ EfW produces electricity for the grid, powering homes and businesses

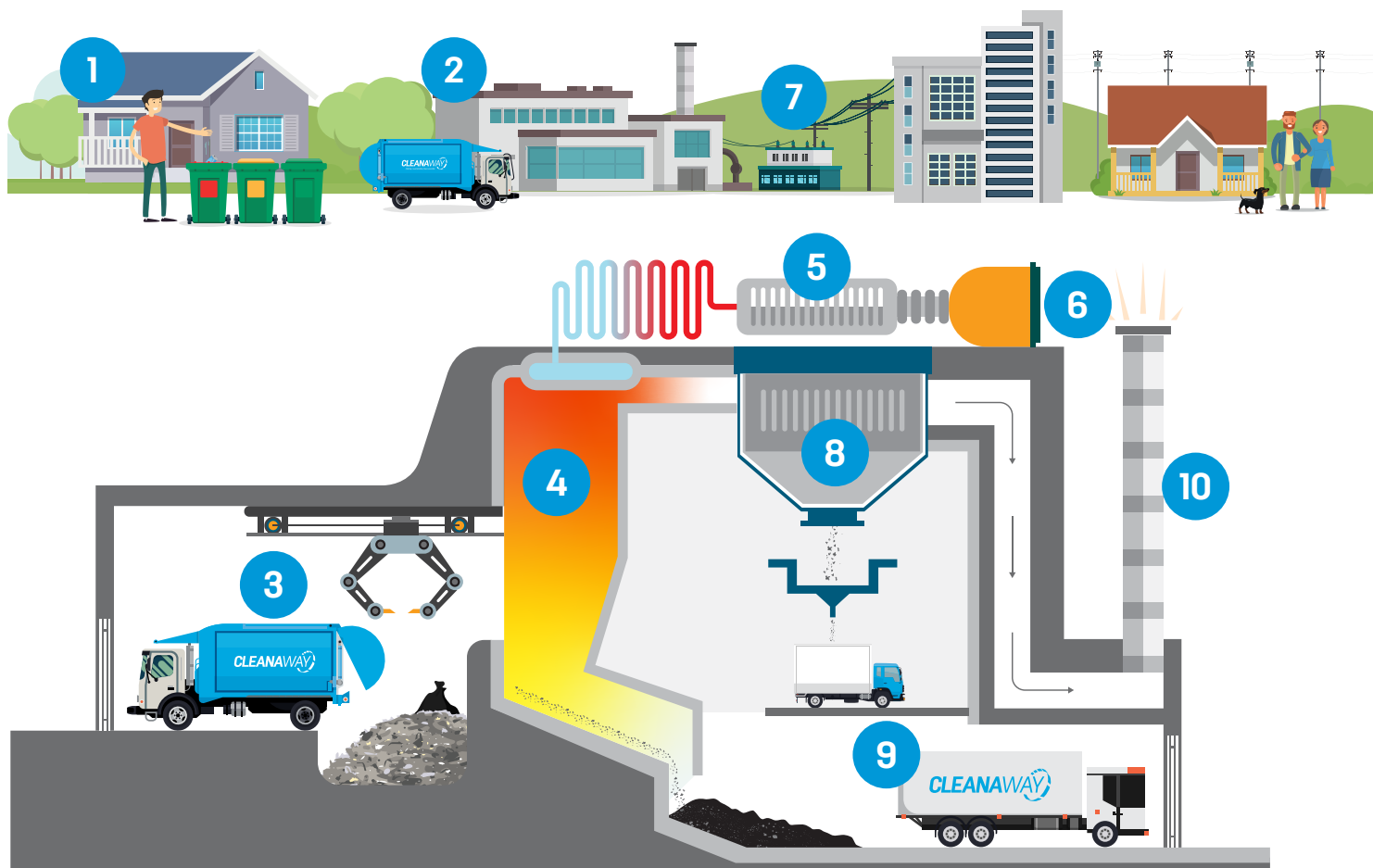


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- Reduce waste taken to landfill by 760,000 tonnes per year, or about 12% of the total waste sent to landfill in Queensland.
- Generate up to 73 megawatts of electricity which is enough to power more than 105,000 Queensland homes.
- Recover resources that can be reused. It is estimated that 16,700 tonnes of metals and 164,000 tonnes of construction aggregate will be recovered each year.
- Create approximately 800 jobs during construction and 50 jobs during operation.
- Benefit the local economy with many local business supplier opportunities.

How will it work?

The facility will use modern, proven combustion and air pollution control technology which has been continuously improved over the last 50 years. The BERF is designed in accordance with strict European standards and the Best Available Techniques Reference Document. It will also comply with the Queensland Government Energy from Waste Policy and supporting Guideline.



- 1 At home and work, we sort our waste into recyclable and non-recyclable items.
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PROJECT TIMELINE*



* The timeline for the project is indicative only and is subject to change

COMMUNITY ENGAGEMENT

Visit our website for detailed information, fact sheets and an animated video of the facility. Fill in the online survey about aspects of the BERC that are important to you. Feedback on the proposal is important to ensure we are minimising impacts and maximising local opportunities and benefits. The project team will be out in the community during September. Visit us at one of these events to discuss the BERC proposal.

Trade stand at the Beaudesert Show, Friday 5 and Saturday 6 September 2025

Community information sessions at The Centre, Beaudesert

- Friday 19 September 2025, 5.45pm – 7.45pm
- Saturday 20 September 2025, 10am – 12 noon

We will also be holding an online information session for those who can't make it in person on Wednesday 24 September 2025, 5.45pm – 7.45pm.

RSVP for the community information sessions via the QR code:



For more information about the project and EfW technology and other facilities around the world, or to sign up for project updates visit our website.

HAVE QUESTIONS OR REQUIRE TRANSLATION SUPPORT?

Phone: 0438 887 569

Email: efw.bromelton@cleanaway.com.au

Website: <https://www.cleanaway.com.au/location/bromelton-energy-and-resource-centre/>





May 2025

Bromelton Energy and Resource Centre

CLEANAWAY
Making a sustainable future possible together

Cleanaway plans to establish the **Bromelton Energy and Resource Centre** to turn waste into energy and recover valuable resources.

This is our second community newsletter about the proposed Bromelton Energy and Resource Centre (BERC). In this issue, we give an update on planning progress, let you know how to apply to join our Stakeholder Reference Group and when we will be back in Beaudesert for more community engagement about the proposal.

Why do we need an energy from waste facility?

Cleanaway operates a range of recycling programs and facilities to divert waste from landfill across Queensland and Australia more broadly. However, there is currently no alternative to landfill for residual waste, which is waste that cannot be avoided, reused or recycled. We need to invest in new technology to improve how we manage our waste and to reduce the need for new landfills. Energy from waste (EfW) is part of Queensland's Waste Management and Resource Recovery Strategy. EfW provides an alternative solution to landfill for waste that cannot be recycled. Unlike landfills, EfW does not produce any leachate (liquid which has percolated through waste) or methane gas.

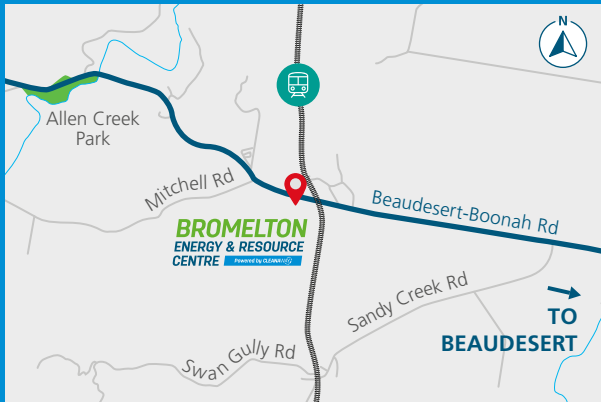
Where are we in the process?

Since our last community newsletter in late 2023, we have been working on the technical assessments that will form part of the planning application to the Queensland Government. Cleanaway plans to submit the necessary applications for the BERC project to the Queensland Government in early 2026. More consultation about the proposal is planned for 2025 and 2026, before and after submission of the application. If the project is approved, it will take approximately four years to build the facility.

Project timeline

The timeline for the project is indicative only and is subject to change.

- ✓ **2022**
Property purchased in Bromelton State Development Area for Special Industry
- ✓ **2023**
Project design, technical investigations, agency and initial community engagement
- ✓ **2024**
Planning and technical assessments
- **2025**
Establish Stakeholder Reference Group, community and stakeholder engagement, continued planning and technical assessments
- **2026-2028**
Planning application lodged, public consultation, planning refinements and approvals, financial close, detailed design, procurement (subject to approvals)
- **2028-2032**
Construction (subject to approvals)
- **2032 onwards**
Operation (subject to approvals)



About the site

The site chosen for the BERC is Lot 1 Beaudesert-Boonah Road, Bromelton, within the Bromelton State Development Area (SDA). This location is part of a Special Industry Precinct for difficult to locate industry. The SDA is a Queensland Government declared area for major industrial development of regional, state and national significance. The site is surrounded by other heavy industry including the established Scenic Rim Regional Council Waste and Resource Recovery Facility, quarries, animal processing, manufacturing and logistics operations. The site is centrally located in South East Queensland with good connectivity to road and rail and provides the opportunity to partner with adjacent industry for offtake of the energy and recovered resources.

Project benefits

- Generate energy to power thousands of homes
- Create hundreds of jobs during construction and new highly skilled ongoing local jobs during operation
- Generate greenhouse gas savings that are equivalent to at least 50,000 cars off the road
- Recover over 10,000 tonnes of recyclable metals each year for reuse

Engaging with the community

During our community engagement about the BERC proposal in Beaudesert in late 2023, we heard what was important to locals including:

- traffic impacts of additional truck movements
- environmental impacts including air quality and odour
- importance of water consumption and need for sustainable water sources
- local employment and training opportunities
- benefits to the local economy
- waste reduction or reuse and the need to focus on other local initiatives higher up on the waste hierarchy
- energy production and reduced energy costs.

We are dedicated to maintaining open and transparent engagement, ensuring local input is incorporated into our proposal. The technical assessments we have been conducting during 2024 and 2025 aim to provide the detailed proposal information requested by the community. This year we will set up the BERC Stakeholder Reference Group, continue collaborating closely with the government to align our application with relevant policies and legislation, and we will be out in the Beaudesert area again talking to the community about the proposal.

Information about our local community engagement will be shared in our newsletters, on social media and in local newspapers. To receive updates on upcoming engagement activities directly to your email inbox, please join our project mailing list on the [website](#).

Are you interested in being part of the BERC Stakeholder Reference Group?

We are establishing a local Stakeholder Reference Group to advise the project team on local issues, opportunities and to help guide our engagement approach. Expressions of interest to join the group are open from **26 May to 15 June 2025**. We are looking for a range of people to be part of the Stakeholder Reference Group to represent local residents, business operators, First Nations people, students, environmental, community and industry groups. SRG members will meet regularly in Beaudesert to discuss various aspects of the project and help develop mitigation strategies and ideas for local community benefits.

How to find out more and apply

Visit [our website](#) for details and the member application form via the QR code.

Applications close on **15 June 2025** and the first Stakeholder Reference Group meeting is planned for **late July 2025**.



For more information about the project and EfW technology and other facilities around the world, or to sign up for project updates visit [our website](#).

HAVE QUESTIONS OR REQUIRE TRANSLATION SUPPORT?

Phone: 0438 887 569

Email: efw.bromelton@cleanaway.com.au

Website: <https://www.cleanaway.com.au/location/bromelton-energy-and-resource-centre/>



Where are we in the process?

We are in the early phases of the Project development.

Cleanaway has engaged engineering and sustainability consultants from Arup and Ramboll to design the facility, and other local Queensland specialist advisors including Wolter Consulting Group, Niche Environment and Heritage, Katestone, Environmental Risk Sciences, Arcadis, Douglas Partners, HRL, TJ Kelly Surveys, and ACS Engineers.

We are completing numerous technical studies and investigations to establish a facility that will operate to the highest environmental and safety standards.

During 2023, we are undertaking the following assessments to inform the design of the facility:

- Biodiversity and bushfire risk
- Aboriginal cultural heritage
- Greenhouse gas
- Hazard and risk
- Human health
- Hydrology and flooding
- Land and groundwater
- Landscape and visual
- Traffic and transport
- Noise and vibration
- Sustainability
- Socioeconomic
- Town planning
- Waste management
- Waste flow
- Air quality
- Odour



Information about the findings of these technical investigations will be available in 2024.

How to get involved

Our team will be going to Beaudesert to introduce the project in October 2023. Find out more on our website!

Your feedback will be valuable to inform project decisions. Ask us questions and provide feedback through our online survey on the website, phone or email or come along to an upcoming event.

Subscribe online to our project updates for the latest information. Beyond our October 2023 community engagement, technical investigations and the facility design will continue. More information about the proposed facility will be available in 2024 and there will be a public consultation phase at that time.



HAVE QUESTIONS OR REQUIRE TRANSLATION SUPPORT?

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Email: efw.bromelton@cleanaway.com.au

Website: cleanaway.com.au/location/bromelton-energy-and-resource-centre



BROMELTON ENERGY & RESOURCE CENTRE

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Bromelton Energy and Resource Centre



Cleanaway is proposing the **Bromelton Energy and Resource Centre** to turn waste into energy and recover valuable resources.

Cleanaway operates a range of recycling programs and facilities to divert waste from landfill. However, there is currently no alternative to landfill for residual waste, which is waste that cannot be avoided, reused or recycled. We need to invest in new technology to improve how we manage our waste and to reduce the need for new landfills.

The proposed Bromelton Energy and Resource Centre (BERC) intends to process residual waste to generate electricity, recover metals and produce construction materials.

Project benefits

It is intended that the BERC will:

- Generate 40MW energy to power around 60,000 homes
- Create over 800 jobs during construction plus 50 local highly skilled jobs during operation
- Generate greenhouse gas savings that are equivalent to 50,000 cars off the road
- Recover an estimated 10,000 tonnes of recyclable metals and approximately 90,000 tonnes of construction aggregate per annum.

Project timeline

The timeline for the project is indicative only and is subject to change.



Why do we need an energy from waste facility?

Energy from waste (EfW) is part of Queensland's Waste Management and Resource Recovery Strategy. EfW provides an alternative solution to landfill for waste that cannot be recycled. Unlike landfills, EfW does not produce any leachate (a toxic liquid) nor methane gas.

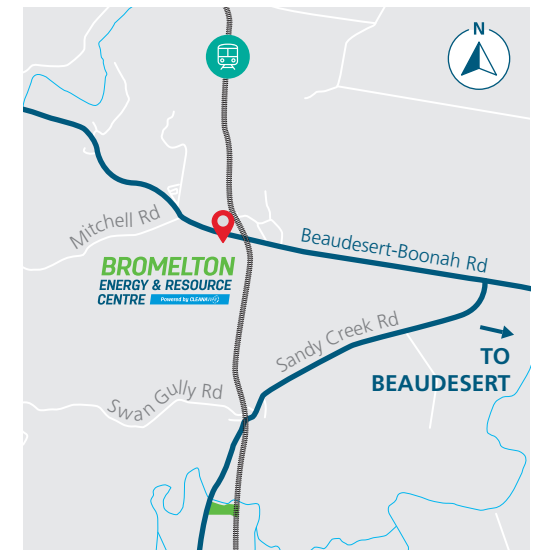
Where is it?

Lot 1 Beaudesert-Boonah Road, Bromelton, Queensland

Why has this location been chosen?

The site chosen for the BERC is within the Bromelton State Development Area (SDA). This location is part of a Special Industry Precinct for difficult to locate industry. The SDA is a State Government declared area for major industrial development of regional, state and national significance.

The site is surrounded by other heavy industry including the established Scenic Rim Regional Council Waste and Resource Recovery Facility, quarries, animal processing, manufacturing and logistics operations. The site is centrally located in South East Queensland with good connectivity to road and rail and provides the opportunity to partner with adjacent industry for offtake of the energy and resources recovered.



A.3 Facebook advertisements

Campaign	Results	Reach	Frequency	Landing page views	Amount spent (AUD)
BERC 2023	3345 link clicks	61105	10.35	732.00	4000.00

Performance	CPC (cost per link click)	CTR (link click-through rate)	Cost per interaction	Cost per landing page	Cost per post engagement
BERC 2023	1.20	0.53	5.46	5.46	0.66

Engagement	Post engagements	Post comments	Post reactions	Post shares	Post saves
BERC 2023	3512.00	15.00	91.00	39.00	22.00

Summary

1. Campaign spent \$4,000 to reach more than 61,100 accounts 10x over (a high frequency rate targeted at a relatively small population to reinforce the message and ensure cut through) resulting in 3,345 clicks on post and 732 visits to website.
2. Comprehensive demographic coverage both male and female leaning 25 and above.
3. Mix of creatives ranging from educational to direct calls for participation in information sessions resulted in mixed reactions both positive and otherwise through the comments and reactions.

Cleanaway

Published by Joachim Ang · 3 October 2023 ·

...

What do we do with residual waste like nappies and takeaway coffee cups that simply cannot be recycled? Learn more about how the Bromelton Energy and Resource Centre plans to turn residual waste into energy and resources at a public information session in Beaudesert during October.

Register for an online or in person information session in Beaudesert in the link below.

Energy from Waste information sessions

BROMELTON ENERGY & RESOURCE CENTRE

Powered by CLEANAWAY

ONLINE & IN PERSON

EVENTBRITE.COM

BERC Info Session

Sign up

Cleanaway

Published by Joachim Ang · 3 October 2023 ·

...

Learn more about the Bromelton Energy and Resource Centre Proposal and how you can get involved on our website.

GENERATING 40MW OF ELECTRICITY TO POWER >60,000 HOMES

CREATING OVER 800 JOBS DURING CONSTRUCTION

PLUS 50 LOCAL HIGHLY SKILLED JOBS DURING OPERATION

GREENHOUSE GAS SAVINGS EQUIVALENT TO 50,000 CARS OFF THE ROAD

RECOVER AN ESTIMATED 10,000 TONNE! OF RECYCLABLE METALS PER ANNUM



CLEANAWAY.COM.AU

Bromelton Energy and Resource Centre

Learn more

Cleanaway

Published by Joachim Ang · 3 October 2023 ·

...

South East Queenslanders send more than a million tonnes of waste to landfill every year (SEQ Waste Management Plan, 2021). The proposed Bromelton Energy and Resource Centre plans to turn some of that waste into energy and resources. Learn more and give feedback about the Proposal on our website. Online survey closes 31 October 2023.

Energy from Waste WE WANT TO HEAR FROM YOU!

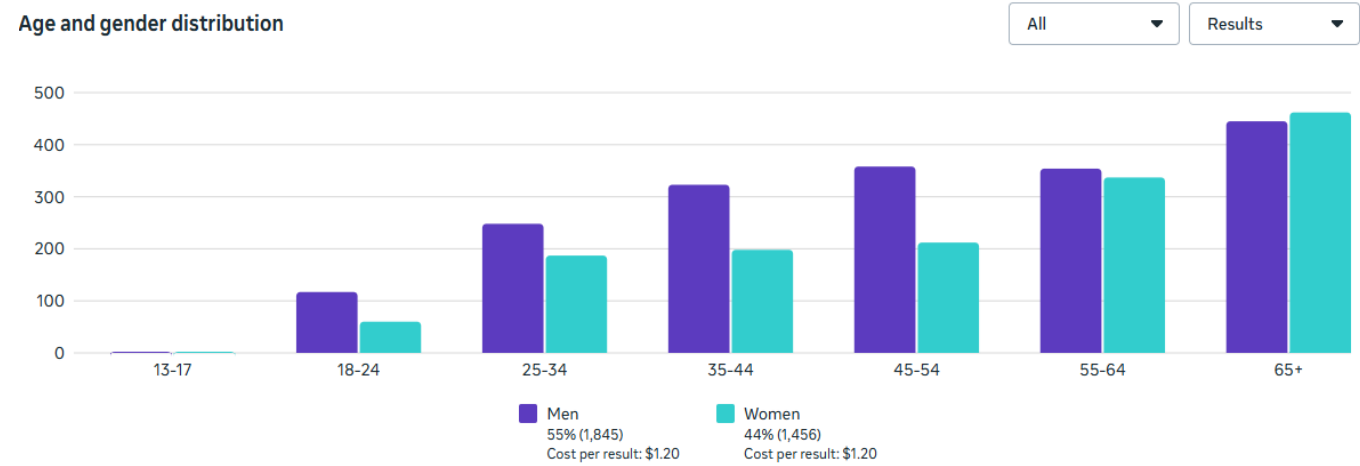
BROMELTON ENERGY & RESOURCE CENTRE

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FORMS.MICROSOFT.COM

BERC Online Survey

Learn more



Cleanaway

Published by Joachim Ang · 3 October 2023 ·

...

Comments:

- Carm Wallace: This form doesn't identify Australian. (2y, Like, Reply, Hide)
- Paul Egging: Carm Wallace there's always one. (2y, Like, Reply, Hide)
- Reply to Carm Wallace
- Steve Smith: I wonder if Cleanaway has ability as a waste company to get this project off the ground and running ?? (2y, Like, Reply, Hide)
- Neil Matthews: Will it stink like the jelly factory ?????? (2y, Like, Reply, Hide)
- Cleanaway: Neil Matthews Hi Neil, thank you for your question. It is not expected that there will be any odour produced off-site by the proposed Cleanaway facility. The facility will be designed to control odour through negative air pressure in the tipping hall. More information will be included in our consultation phase in 2024. However in the interim, this is also explained in the video for the Melbourne (MER) project here: https://www.cleanaway.com.au/_/melbourne-energy-and-... (2y, Like, Reply, Hide)
- Bou Y & Res: Melbourne Energy and Resource Centre | Cleanaway (2y, Like, Reply, Remove Preview)
- Reply to Neil Matthews

Cleanaway

Published by Joachim Ang · 3 October 2023 ·

...

Comments:

- Marc Rogers: I wonder what levels of air pollution this will bring to the area. (2y, Like, Reply, Hide)
- Cleanaway: Marc Rogers Hi Marc, thank you for your comment. We expect to have concept designs and detailed information including air quality and human health assessments available in mid-2024. We can confirm that the BERC Project will use international best practice technology to meet the relevant air emissions standards required by the Queensland Energy from Waste Policy. Cleanaway is committed to developing facilities which are safe for the community and the environment across Australia. For more information in the mean-time, please check out the FAQs on our website: https://www.cleanaway.com.au/_/bromelton-energy-and-... (2y, Like, Reply, Remove Preview)
- IMEL Y & RES: Bromelton Energy and Resource Centre | Cleanaway (2y, Like, Reply, Remove Preview)
- Derek Swainborough: Marc Rogers What benefit is there for ratepayers. How much waste will be brought in from outside the shire and stored prior to fuelling the Plant. Will waste from Ipswich be burnt in the plant? (2y, Like, Reply, Hide)
- View all 2 replies
- Reply to Marc Rogers
- Paul Grimston: How is Cleanaway proposing to run this facility correctly?? When Cleanaway the company has proven time and time again to fail in its duty of care. I'm referring to Cleanaway's lack of accountability for multiple failures it has had in the past. This includes Ipswich land fill and effecting the residents around the site, Bowhill Road site multiple times failing council and EPA inspections and The failure of the Rochedale landfill cell wall. Cleanaway should not be allowed to operate until they stop paying management bonuses to cut corners. This site being where it is suggests that it will be 'training in' waste from other states. Scenic Rim will not be a pleasant place to visit at all. On top of it all Remondis has already got the appropriate approval to build such a process at Sivan Bank and won multiple awards for its work towards improving the environment! (2y, Like, Reply, Hide)

A.4 Newspaper advertisements

Cleanaway is proposing to build an energy from waste facility as an alternative to landfill, located at Lot 1 Beadesert Boonah Road, Bromelton.

Register for an event to learn more

INFORMATION SESSIONS

The Centre

82 Beadesert Street, Beadesert

Wednesday 18 October 2023
6pm-7.30pm

Thursday 19 October 2023
10am-11.30am

ONLINE INFORMATION SESSIONS

Monday 23 October 2023
12.30pm-2pm

Tuesday 24 October 2023
6.30pm-8pm

BROMELTON ENERGY & RESOURCE CENTRE

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SCAN THIS CODE TO REGISTER
0497 058 676



READ MORE AT
[cleanaway.com.au/location/ bromelton-energy-and-resource-centre](https://cleanaway.com.au/location/bromelton-energy-and-resource-centre)

Cleanaway plans to establish the Bromelton Energy and Resource Centre (BERC) to turn waste into energy and recover valuable resources.

Since our last update to the community in late 2023, we have been working on the technical assessments that will form part of the planning application to the Queensland Government. More community consultation about the proposal is planned for 2025 and 2026, with the application planned to be submitted to government in 2026.

Are you interested in being part of the BERC Stakeholder Reference Group?

We're establishing a local Stakeholder Reference Group to advise the project team on local issues, opportunities and to help guide our engagement approach.

Expressions of interest to join the group are open on our website from 26 May to 15 June 2025.

Stakeholder Reference Group members will meet regularly in Beaudesert to discuss various aspects of the project. The first meeting is planned for late July 2025.

**BROMELTON
ENERGY & RESOURCE
CENTRE** Powered by CLEANAWAY



***Scan this code
to apply***



Find out more about the project at
cleanaway.com.au/location/bromelton-energy-and-resource-centre

Subscribe, for facts sake

On World News Day (28 September) we are reminded of a truth that cannot be ignored: facts matter.

In an era where misinformation and mis-truths are constantly amplified on social media, and where even the President of the United States routinely distorts reality, the role of trusted, independent journalism is more critical than ever.

Local media in Australia is a necessity. We are the eyes and ears of our communities, telling the stories that matter most, celebrating our achievements, challenging injustice, and documenting the everyday triumphs and struggles that define us.

Just as importantly, we act as a watchdog. We hold governments, corporations, and institutions accountable. We ask the questions that others would prefer to avoid. We shine light into dark corners.

When misinformation and half-truths circulate unchecked, the consequences are profound. Communities lose trust. Division deepens. People act on falsehoods rather than facts. At such times, local newspapers and news sites play a stabilising role, cutting through the noise and confusion with careful reporting, rigorous standards, and a commitment to truth and balanced reporting.

At Today and Star, we believe that journalism is not just a business, it is a vital piece of public infrastructure, a cornerstone of our democracy, and a shared responsibility.

Every story we publish carries the weight of trust our readers place in us, and every headline we write reaffirms our promise to serve the public interest above all else.

Without strong, independent local media, communities risk losing not only their voice but also their connection to one another. The



threads that bind us fray when truth is undermined.

That is why, on World News Day, we join

with newsrooms across the globe to say clearly: Choose truth, choose facts, choose balance and choose journalism.

Paul Thomas,
Managing Director,
Star News Group/Today Group

Cleanaway plans to establish the Bromelton Energy and Resource Centre (BERC) to turn waste into energy and recover valuable resources.

We want to hear about what aspects of the BERC are important to you. Community feedback is an important part of our planning to minimise impacts and maximise local opportunities and benefits.

Find out more about the BERC proposal on our website and give your feedback via our online survey open from **1 September 2025 until 5 October 2025.**

Talk to a team member at one of our community engagement events during September 2025:

Trade stand at the Beaudesert Show, Friday 5 and Saturday 6 September 2025

Community information sessions at The Centre, Beaudesert

Friday 19 September 2025, 5.45pm – 7.45pm

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BROMELTON ENERGY & RESOURCE CENTRE

Powered by CLEANAWAY



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A.5 Media coverage



Cleanaway spruiks Bromelton energy project to local businesses



Beauresert Chamber of Commerce President John Powell and Cleanaway's Head of Corporate Affairs Mark Biddulph

LOCAL businesses will have the chance to secure contracts and long-term partnerships as Cleanaway progresses plans for the proposed Bromelton Energy and Resource Centre (BERC).

The project, located within the Bromelton State Development Area, aims to turn waste into energy while creating hundreds of jobs and supplier opportunities across the Scenic Rim.

The \$300 million facility would process up to 760,000 tonnes of residual waste annually, generating 73 megawatts of electricity – enough to power around 105,000 homes.

If approved by the Queensland Government, construction is expected to begin in 2028, with operations commencing by 2032.

Cleanaway representatives spoke at a recent Beauresert Chamber of Commerce event, outlining how local suppliers could register their interest ahead of the procurement phase.

The company expects to begin detailed procurement engagement in 2027, pending final approvals.

Cleanaway's Head of Corporate Affairs Mark Biddulph said the project would bring extensive opportunities for regional suppliers during both construction and operation.

"We'll be needing everything from scaffolding and materials to cleaning and maintenance services," Mr Biddulph said.

"These facilities don't just build themselves and run forever – they rely on a strong network of local businesses who can respond quickly when needed.

"We want to make sure that those opportunities stay local where possible, so we'll be building local participation requirements into our contracts."

Mr Biddulph said Cleanaway had learned from international projects that local involvement is vital for efficiency and long-term success.

"We've seen small companies grow significantly from partnering with these types of projects," he said.

"When you bring major infrastructure to a region, it's the local operators who benefit most if they're ready to engage."

Beaundesert Chamber of Commerce President John Powell encouraged local business owners to get involved early.

"The evidence is clear that Cleanaway wants to work with our community," Mr Powell said.

"But local businesses need to make contact and be part of the procurement network if they want to benefit."

Pending government approval, the BERC project is expected to deliver around 800 construction jobs, 50 ongoing operational roles, and a steady stream of work for local suppliers over the next decade.

▪ **Emily Livingston**

Cleanaway spruiks energy project to local...

By Guy Hazlewood

Beaudesert Bulletin

Friday 17th October 2025

380 words

Page 5 | Section: LOCAL NEWS

2166cm on the page



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By Guy Hazlewood

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Beaudesert Chamber of Commerce President John Powell and Cleanaway's Head of Corporate Affairs Mark Biddulph.

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Pending government approval, the BERC project is expected to deliver around 800 construction jobs, 50 ongoing operational roles, and a steady stream of work for local suppliers over the next decade.



Be part of the Bromelton Energy and Resource Centre Stakeholder Reference Group



Cleanaway is establishing a local Stakeholder Reference Group (SRG) to advise the project team on local issues, opportunities and to help guide community engagement about the proposed Bromelton Energy and Resource Centre (BERC).

The BERC is planned to be located in the Bromelton State Development Area with the planning application due to be submitted to Queensland Government next year.

Cleanaway is committed to transparent engagement to better understand what matters most to the local community and incorporate it into the planning process.

The local SRG aims to represent local residents, business operators, First Nations people, students, environmental, community and industry groups.

Cleanaway's Program Director for Energy from Waste Ricky McNally said "The SRG is a great opportunity for the local community get involved and tell us what matters most to them."

“I encourage anyone with an interest in the BERC to apply to be a member of the SRG and help shape the project.”

Expressions of interest to be part of the SRG will be open online from 26 May 2025 to 15 June 2025.

The SRG is not the only chance to be involved, more consultation is planned for later this year and throughout 2026.

The BERC will act as a catalyst for other industries to co-locate in Bromelton, supporting local manufacturing, innovation and long-term job creation.

“The BERC will generate hundreds of job opportunities during construction and approximately 50 ongoing roles at the facility,” said Mr McNally.

“To ensure we have skilled and ready workforce for the facility, a number of traineeship and apprenticeship opportunities through local training providers, will be available for local residents.”

The BERC proposal supports the Queensland Government vision outlined in the draft new Queensland Waste Strategy 2025-2030 where we have a zero-waste society where we reduce, reuse, recycle and recover resources wherever possible.

For further information on the SRG or information on the BERC please visit

<https://www.cleanaway.com.au/location/bromelton-energy-and-resource-centre/>.

-  **Supplied content**



Cleanaway addresses community concerns



Members of the public meet with Cleanaway and Arup staff at a community information session

Waste management company, Cleanaway held several information sessions in Beaudesert regarding a proposed \$700 million Energy from Waste (EfW) facility at Bromelton.

The facility would generate electricity from non-recyclable waste diverted from landfill.

Cleanaway's web site states that the proposed technology has been successfully used in cities across Europe, North America, Japan and many other countries and has continually improved over decades.

The Bromelton Energy and Resource Centre (BERC) proposed site is a 62 hectare parcel of land within the Bromelton State Development Area (SDA).

This location is part of a Special Industry Precinct for difficult to locate industry.

Cleanaway will be seeking approval for this project and expects to be consulting with the community and key stakeholders about the proposal later in 2023.

Beaundesert Chamber of Commerce President, John Powell, welcomed the proposed facility, saying it would be the best thing to happen to Beaundesert in a very long time.

“It will provide jobs and industry and would be great for the town,” he said.

“But it has to be done properly – we need infrastructure to support it – especially roads and water,” said John.

The facility will provide 800 jobs during the three year construction phase and 50 jobs for skilled workers once the BERC is opened.

Local resident Cathy Mitchell said most of her concerns were addressed at the information session.

“They were really good. I’d like to see more emphasis on preventing waste rather than dealing with it, but that isn’t their job,” she said.

It is estimated the BERC will result in a net reduction of greenhouse gas emissions equivalent to taking 50,000 petrol-powered cars off the roads.

This reduction is achieved by the avoidance of methane that would have been generated from equivalent waste sent to landfill.

Methane has substantially more global warming potential than carbon dioxide, so reducing methane has a significant environmental benefit.

The project is currently in the community engagement phase, with planning applications, public consultation and the establishment of a Community Reference Group to occur in 2024.

If approved, construction is estimated to commence in 2025.

For more information visit <https://www.cleanaway.com.au/location/bromelton-energy-and-resource-centre/>

▪  **Keer Moriarty**

Cleanaway to bring rubbish power to Bromelton

29/10/2023



*Representatives from Cleanaway and Arup meet with Scenic Rim businessmen and residents at The Centre Beaudesert.
Picture: Lorraine Sathicq*

[Purchase this photo from Pic Store: 368246](#)

Lorraine Sathicq

National waste management company Cleanaway has purchased land at Bromelton with a view to establishing a waste to energy facility. [...]

Subscribe or **Login** to see the rest of the content.

Username

Facebook group aims to stop Bromelton garbage incinerator

15/12/2023



Representatives from Cleanaway and consultancy firm Arup meet with Scenic Rim businessmen and residents at The Centre Beaudesert. Picture: Lorraine Sathicq

[Purchase this photo from Pic Store: 368246](#)

Lorraine Sathicq

A group of concerned citizens has started a social media campaign to stop plastic waste being incinerated at Bromelton and [...]

Garbage to fuel local jobs

By By Lorraine Sathicq

Beaundesert Times
Thursday 16th October 2025
657 words
Page 4 | Section: NEWS
729cm on the page



Chris Anderson from Chris Anderson Consulting with McAuley College Principal Jason Pacey. (509951)



David Kassulke and Bel Brown at the BERC information session on 8 October. (509951)



Tim and Anthea Walker from Lahey and Walker were keen to hear about the fuel needs of the new energy resource centre at Bromelton. (509951)

Garbage to fuel local jobs

By Lorraine Sathicq

Beaundesert businesses attended a waste-to-energy information session hosted by Cleanaway on 8 October.

It was an update on the Bromelton Energy and Resource Centre and a chance for local firms to consider opportunities there.

The project aims to reduce waste to landfill by incinerating 760,000 tonnes of non-recyclable rubbish through a superheating process to generate steam and send enough electricity to the grid to power more than 105,000 homes and businesses.

It also promises 800 jobs during the construction phase, with 50 ongoing positions once the centre opens in 2032.

Cleanaway said the project was on track for development approval with the company preparing technical reports and holding more public consultation over the past month.

The upcoming procurement process was of great interest to business owners.

Project director Michael Hartley said there would be many opportunities, particularly during the construction phase, set to begin in 2028 if state government approvals were granted.

Mr Hartley said some roles would be ad hoc and others long term contracts, with Cleanaway hoping to source skilled workers locally.

"But if that's not available, people come from near and far and what that also brings is people needing hotel rooms and somewhere to eat," he said.

"I've built these projects all over the world and there's local pubs and restaurants and places that seriously benefited from this."

Mr Hartley said the aim was to source skilled and unskilled workers as well as apprenticeships locally.

"They're the ones who are going to be more loyal... more committed," he said.

"They're the ones, on a bad day, they're going to stay there because it's on their doorstep. They're also the people I'm going to rely on in the event of a breakdown or sickness, you want these people local."

Mr Hartley said apart from engineers and other skilled labourers the project would need industrial cleaners and landscapers.



Eden Platell, Angela Harlen, Susan Shay and Mark Biddulph at the Cleanaway business information session. (Lorraine Sathicq: 509951)

trial cleaners and landscapers.

He said there would be an ongoing need for local suppliers of things like fuel, scaffolding and machine parts and said in his experience trusted suppliers in other areas had tripled their business thanks to developments like BERC.

Cleanaway head of corporate affairs, Mark Biddulph said going into the construction phase the company would select a builder and ensure local businesses would have the same opportunities as everyone else. Mr Biddulph encouraged local business owners to provide their contact details on a register.

Beaundesert Chamber of Commerce president John Powell said all local businesses should stay informed as the project progressed.

"Everyone in this room needs to get the information out to the local community that this is actually fair dinkum," he said.

"When this thing gets approved, and we hope it does, there will be opportunities in our area for a magnitude of businesses."

McAuley College Principal Jason Pacey and Beaundesert State High School were happy to hear there would be opportunities for young people to prevent them having to move away for work of training.

training.

Cr Jennifer Sanders said despite a small "quite vocal" community group against the project, most locals were supportive.

"I've been going around and talking to lots of people," she said.

"I'm actually getting positivity, people are asking, will there be jobs, will I be able to pay my house off, that sort of stuff. I really did think I'd have a lot of pushback but it hasn't happened."

"Hopefully this will be good for us, hopefully there'll be jobs here and hopefully our young people will take advantage of it."

Waste not

Beautesert Times
Thursday 16th October 2025
95 words
Page 1 | Section: General
42cm on the page



Waste not

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STORY PAGE 4

WASTE TO ENERGY TALK OPEN

By By Lorraine Sathicq

Beaudesert Times

Thursday 12th June 2025

455 words

Page 11 | Section: NEWS

486cm on the page



Representatives from Cleanaway and Arup meet with Scenic Rim businessmen and residents in 2023.



Nicole Thompson started a social media campaign against the proposal.

Waste to energy talk open

By Lorraine Sathicq

There's still time to register interest in a proposed waste to energy site planned for Bromelton.

Cleanaway is establishing a local Stakeholder Reference Group to provide community feedback on the Energy and Resource Centre (BERC). The planning application due to be submitted to Queensland Government next year.

Cleanaway said it was committed to "transparent engagement to better understand what matters most to the local community and incorporate it into the planning process".

The SRG would represent residents, business operators, First Nations people, students, environmental, community and industry groups.

Cleanaway's Program Director for Energy

from Waste, Ricky McNally, invited interested parties to get in touch.

"The SRG is a great opportunity for the local community get involved and tell us what matters most to them," he said.

"I encourage anyone with an interest in the BERC to apply to be a member of the SRG and help shape the project."

Expressions of interest close on 15 June but Cleanaway said there would be more public consultation undertaken later this year and throughout 2026.

When the project was first announced in 2023 a Facebook page called No Incinerator for Scenic Rim was established by Nicole Thompson, former nurse and member of the Queensland

Greens party who lives on Tamborine Mountain.

Ms Thompson said she was aware of the advances in technology promoted by Cleanaway, the company planning to set up a facility at Bromelton.

"Yes, we've got modern incinerators now but even though the flue emissions will look cleaner, they're still releasing some of the deadliest pollutants known," she said.

"I'm pushing back now before it becomes a done deal because the more I'm reading, it's a complete environmental disaster and I can't even understand why it is being considered for the Scenic Rim. I mean, it's a food growing bowl."

Ms Thompson said she had put her name down for the SRG but had yet to hear back

from Cleanaway.

"Before, it was just an idea but now it actually looks like happening so people are more concerned," she said.

"I will hopefully be part of this group they're forming and I will definitely be reporting back to the community about exactly what's happening."

Mr McNally said the project would attract other industries to Bromelton.

"The BERC will generate hundreds of job opportunities during construction and approximately 50 ongoing roles at the facility," he said.

"To ensure we have skilled and ready workforce for the facility, a number of traineeship and apprenticeship opportunities through local training providers, will be available for local residents."

Media Coverage Report

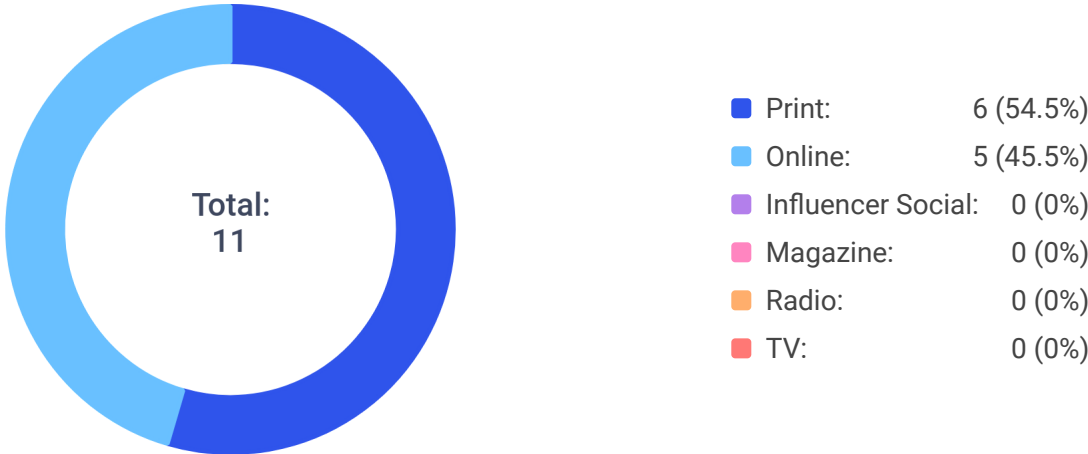


BERC | Compiled for Cleanaway on 5 November 2025, 5:16am

Media types: ■ Print ■ Online ■ TV ■ Radio ■ Magazine ■ Influencer Social

Coverage by Media Type

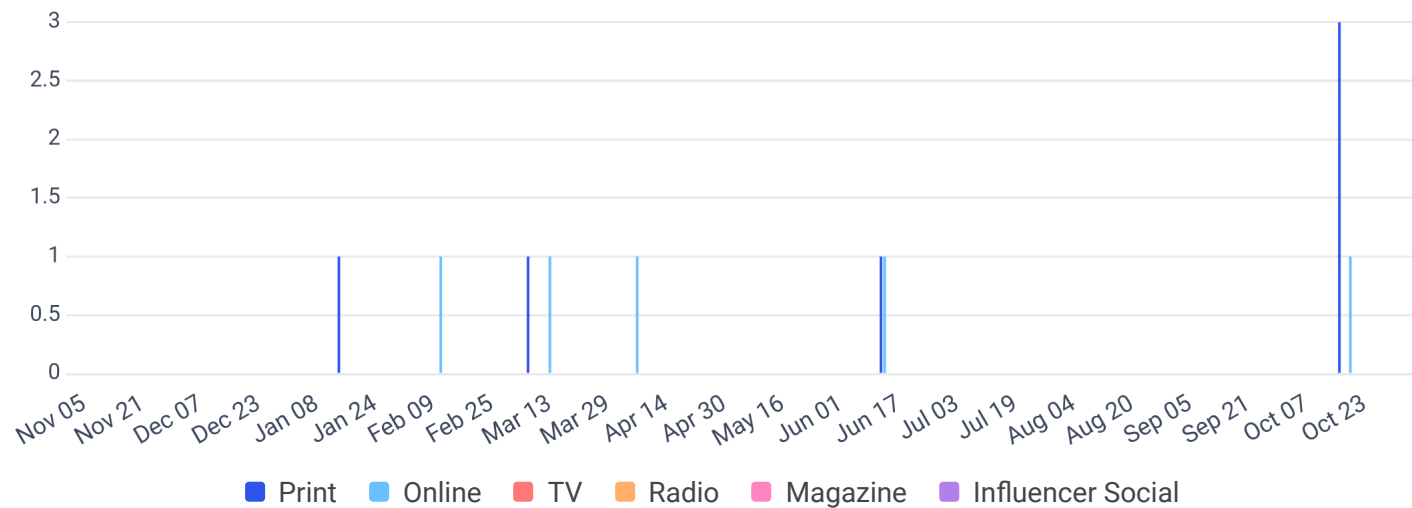
Total mentions by media type over the selected coverage period.



Coverage Volume Timeline

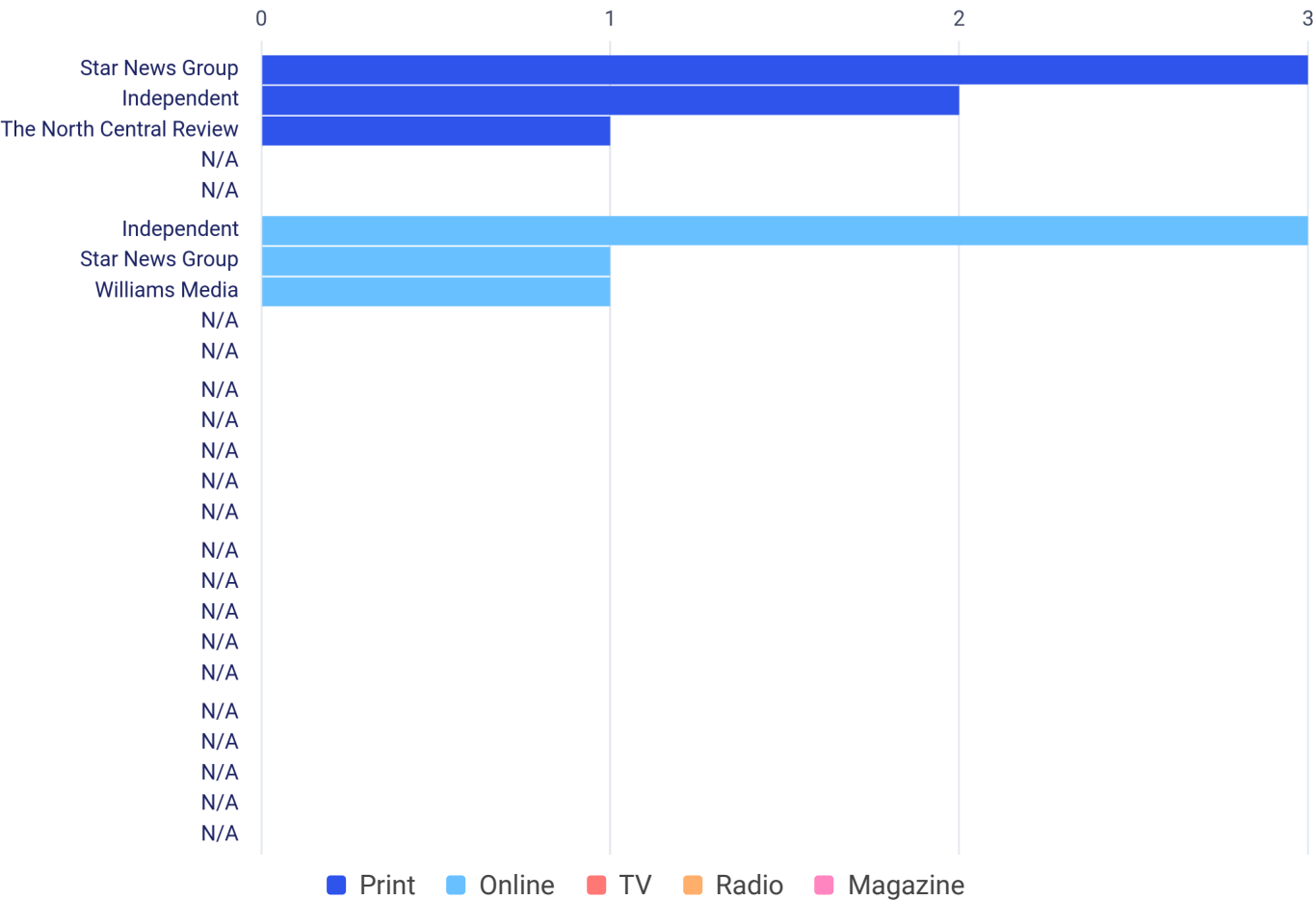
11 items over 366 days

A breakdown of mentions by media type displayed over the selected coverage period.



Leading Media Outlets

Top 5 Media Groups over the selected coverage period.



Themes

The most frequently mentioned keywords found within the Mention Stream. Font size indicates the frequency of the keyword by volume.



Leading Print Sources

Leading Print sources

#1	Beaudesert Times	3
#2	Beaudesert Bulletin	2
#3	Whittlesea Review	1
#4	N/A	
#5	N/A	

Leading Online Sources

Leading Online sources

#1	Beaudesert Bulletin	3
#2	Jimboomba Today	1
#2	The Industrialist	1
#4	N/A	
#5	N/A	

Leading TV Programs

Leading TV programs



We couldn't find any data to display

Leading Radio Programs

Leading Radio programs

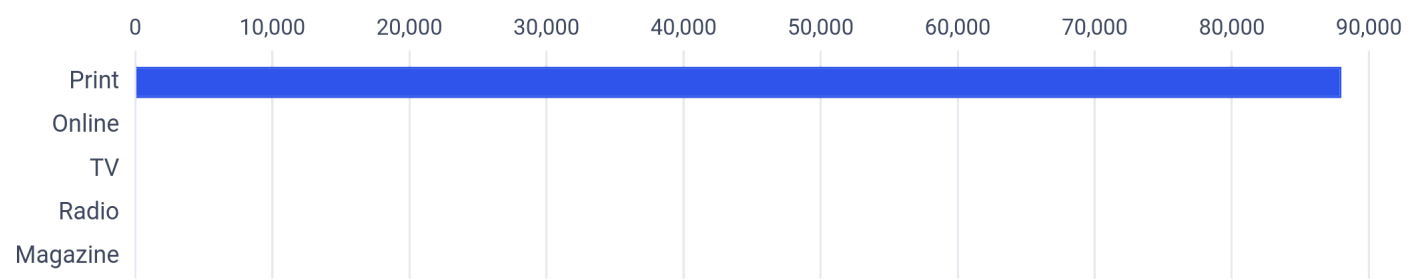


We couldn't find any data to display

Potential Audience Reach

88,000 over 366 days

A cumulative Potential Audience Reach figure by media type across the selected timeframe. This chart uses a calculation which takes into account source duplication to provide a more accurate cumulative figure.



Methodology

- **Syndications:** Display of syndications is based on the report creator's selection to group or ungroup at the report creation stage.
- **Potential Audience Reach:** Roy Morgan for Print and Magazines; Nielsen for Online; OzTam and Regional TAM for TV; GFK and Xtra Insights for Radio. To read more please [click here](#).
- **Broadcast:** Coverage volumes represent individual keyword matches.
- **Themes:** Up to 30 keywords are displayed.

Mentions - sorted by time, descending

Syndicated Mentions have not been grouped for this report: Syndicated items will appear as individual items.



Cleanaway spruiks Bromelton energy project to local businesses

Beautesert Bulletin | by Emily Livingston 19 October 2025, 7:00am +08

Cleanaway spruiks Bromelton energy project to local businesses.

Keywords: Cleanaway (5), Bromelton (2), Bromelton Energy and Resource Centre (1), BERC (2), Cleanaway's (1)

[View Online Item](#)

Media ID: ON627350829



Cleanaway spruiks energy project to local businesses

Beautesert Bulletin | by Guy Hazlewood 16 October 2025, 10:00pm +08

Cleanaway spruiks energy project to local businesses.

Keywords: Cleanaway (6), Bromelton Energy and Resource Centre (1), BERC (2), Bromelton (1), Cleanaway's (1)

[View Print Item](#)

Media ID: PR88438410



Waste not

Beautesert Times | 16 October 2025, 3:22am +08

Beautesert businesses attended a wasteto-energy information session hosted by Cleanaway on 8 October. It was an update on the Bromelton Energy and Resource Centre and a chance for local firms to consider opportunities there.

Keywords: Cleanaway (1), Bromelton Energy and Resource Centre (1)

[View Print Item](#)

Potential Audience: 44,000 | Media ID: PR87374978



Garbage to fuel local jobs

Beautesert Times | by Lorraine Sathicq 16 October 2025, 3:21am +08

Beautesert businesses attended a waste-to-energy information session hosted by Cleanaway on 8 October. It was an update on the Bromelton Energy and Resource Centre and a chance for local firms to consider opportunities there.

Keywords: waste-to-energy (1), Cleanaway (5), Bromelton Energy and Resource Centre (1), BERC (2), Bromelton (1)

[View Print Item](#)

Potential Audience: 44,000 | Media ID: PR87374823



Have your say on rubbish plan

Jimboomba Today | 13 June 2025, 5:35am +08

Lorraine Sathicq There's still time to register interest in a proposed waste to energy site planned for Bromelton. Cleanaway is establishing a [...]

Keywords: waste to energy (1), Bromelton (1), Cleanaway (1)

[View Online Item](#)

Media ID: ON543963061



WASTE TO ENERGY TALK OPEN

Beautesert Times | by Lorraine Sathicq 12 June 2025, 2:04am +08

WASTE TO ENERGY TALK OPEN.

Keywords: WASTE TO ENERGY (2), Bromelton (3), Cleanaway (6), BERC (3), Cleanaway's (1), Energy from Waste (1)

[View Print Item](#)

Potential Audience: 44,000 | Media ID: PR78925779



Be part of the Bromelton Energy and Resource Centre Stakeholder Reference Group

Beautesert Bulletin | by Supplied content 6 April 2025, 8:00am +08

Be part of the Bromelton Energy and Resource Centre Stakeholder Reference Group.

Keywords: Bromelton Energy and Resource Centre (2), Cleanaway (3), BERC (7), Bromelton (2), Cleanaway's (1), Energy from Waste (1), bromelton-energy-and-resource-centre (1)

[View Online Item](#)

Media ID: ON537864968



Big developer selling 196HA Bromelton site

Beautesert Bulletin | by Susie Cunningham 13 March 2025, 7:25am +08

Big developer selling 196HA Bromelton site. A MAJOR landholder in the Bromelton State Development Area is selling, 17 years after purchasing the 196Ha site.

Keywords: Bromelton (3), Cleanaway (1)

[View Online Item](#)

Media ID: ON493975769



Big developer selling 196HA Bromelton site

Beautesert Bulletin | by Susie Cunningham 7 March 2025, 9:24am +08

Big developer selling 196HA Bromelton site. A MAJOR landholder in the Bromelton State Development Area is selling, 17 years after purchasing the 196Ha site.

Keywords: Bromelton (3), Cleanaway (1)

[View Print Item](#)

Media ID: PR73148011



Iconic Bromelton Industrial site for sale

The Industrialist | 11 February 2025, 2:34pm +08

Iconic Bromelton Industrial site for sale.

Keywords: Bromelton (9), Cleanaway (1)

[View Online Item](#)

Media ID: ON480855043

Waste-to-energy facility opposed

Whittlesea Review

Whittlesea Review | 14 January 2025, 1:43pm +08

Waste-to-energy facility opposed. CITY of Whittlesea has opposed Cleanaway Operations Pty Ltd's proposed waste-to-energy facility in Wollert. Cleanaway has already lodged two applications for the facility-a planning permit application with the...

Keywords: Waste-to-energy (2), Cleanaway (3), Cleanaway's waste-to-energy (1)

[View Print Item](#)

Media ID: PR70496587

\$700M waste scheme

By Lorraine Sathicq

Jimboomba Today

Thursday 12th October 2023

486 words

Page 4 | Section: General

486cm on the page



\$700M waste scheme

By Lorraine Sathicq

National waste management company Cleanaway has announced plans to build a \$700 million facility in Beaudesert to generate electricity from non-recyclable rubbish and divert waste from landfill.

The Bromelton Energy and Resource Centre (BERC) is planned for the State Development Area.

In a statement released to the media, the company said it also planned to contribute funds to local community groups.

Cleanaway's Energy from Waste project director Ricky McNally said community engagement for the project would ensure early input from local residents and businesses into the project's development.

"We will also establish a Community Reference Group to help Cleanaway better engage and understand the needs of the Scenic Rim region," he said.

"This group will also be responsible for administering a community benefit fund aimed at supporting local community groups," Mr McNally said.

"The BERC project will support local businesses and support local jobs. The BERC will also create an estimated 800 jobs during the approximately three-year construction period, and support 50 long-term skilled operational and maintenance roles to operate and maintain the facility."

Scenic Rim Mayor Greg Christensen said it was good news for the region.

"This is a great recognition of what Bromelton offers as an opportunity for a very prominent company like Cleanaway," he said.

"It's also a recognition of the exciting change agenda that's going on to become more sustainable as a south-east Queensland ... and an important opportunity to reduce the amount of material going to landfill, converted into something valuable."



Scenic Rim Mayor Greg Christensen at the council waste facility.

Picture: SRRC

"It's an example of some of the industries that we see are really possible to bring forward in Bromelton, it's why we have been working through evaluating the strategic future with our waste facilities across the region, so it's perfect timing."

"It's a really complementary use to the other industries that are there already with the likes of AJ Bush and Gelita who are already major value from waste producers in the precinct."

Cr Christensen urged residents to take part in community engagement on the proposal.

"People should engage with the public conversation with them," he said.

"They're coming to talk with the community and that's important."

Mr McNally said Cleanaway would prioritise traineeships and apprenticeships for locals through local employment providers and the site would help progress the vision for the SDA, along with existing businesses and heavy industry including the Waste and Resource Recovery Facility, quarries, animal processing facilities, manufacturing and logistics operations.

Cleanaway said the project would involve the thermal treatment of non-recyclable waste that would otherwise go to landfill.

"This produces energy in the form of steam and electricity and, subject to approvals, recovers resources such as valuable recyclable metals and construction aggregates," they said.

"This supports the Queensland Government's 90 per cent landfill diversion target."

For further information please visit <https://www.cleanaway.com.au/location/bromelton-energy-and-resource-centre/> or email efw.bromelton@cleanaway.com.au

Have your say on rubbish plan

13/06/2025



Representatives from Cleanaway and Arup meet with Scenic Rim businessmen and residents in 2023.

[Purchase this photo from Pic Store: 368246](#)

Larraine Sathicq

There's still time to register interest in a proposed waste to energy site planned for Bromelton. Cleanaway is establishing a [...]

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A.6 Community information session presentations

***Community information
session –
Bromelton Energy and
Resource Centre***

October 2023



Acknowledgement of Country

Cleanaway acknowledges the Traditional Owners of the lands on which we operate, the Danggan Balun people, and we pay our respect to all Aboriginal and Torres Strait Islander peoples and communities.

We are proud to pay our respect to Elders past, present and future for they hold the traditions and the culture, and together we hold the hopes of a truly reconciled Australia.

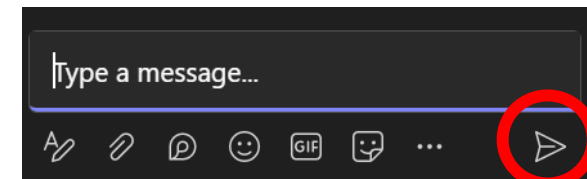
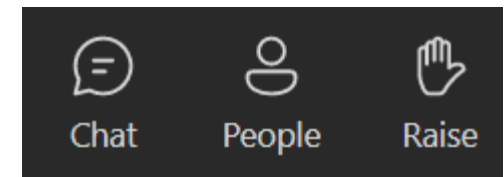
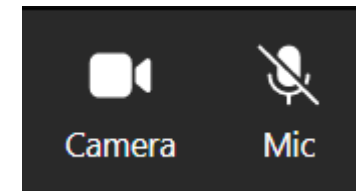
Housekeeping

- Session style: interactive, respectful

MS Teams reminders

1. Cameras on (if possible)
2. Use mute when not speaking
3. Raise your hand to speak, unmute and introduce yourself
4. For questions / comments: raise your hand or type in the chat box, press send

- Media enquiries/quotes/content: please contact Cleanaway directly after the session



Welcome & introductions

- Team introductions: who we are and what we do on the project
- Attendee introductions: who you are, area of interest or questions you would like answered during the session



Areas of interest / questions about BERC

- Kim to type here

We will return to this later in the session and make sure we answer everything

Session purpose



What is Energy
from Waste
(EfW)?



Why is EfW
needed?



Understand
and answer
your questions



Share
information
about the
BERC proposal

Other EfW
facilities



How to keep
up to date
Next steps

Australia's largest vertically-integrated waste management services provider



7,500+
employees



Living across
~1,200
postcodes



>75
Nationalities



A\$6bn
market
capitalisation



140+
council
relationships



132K+
business
customers



335
active sites



5,900+
vehicles in
the fleet

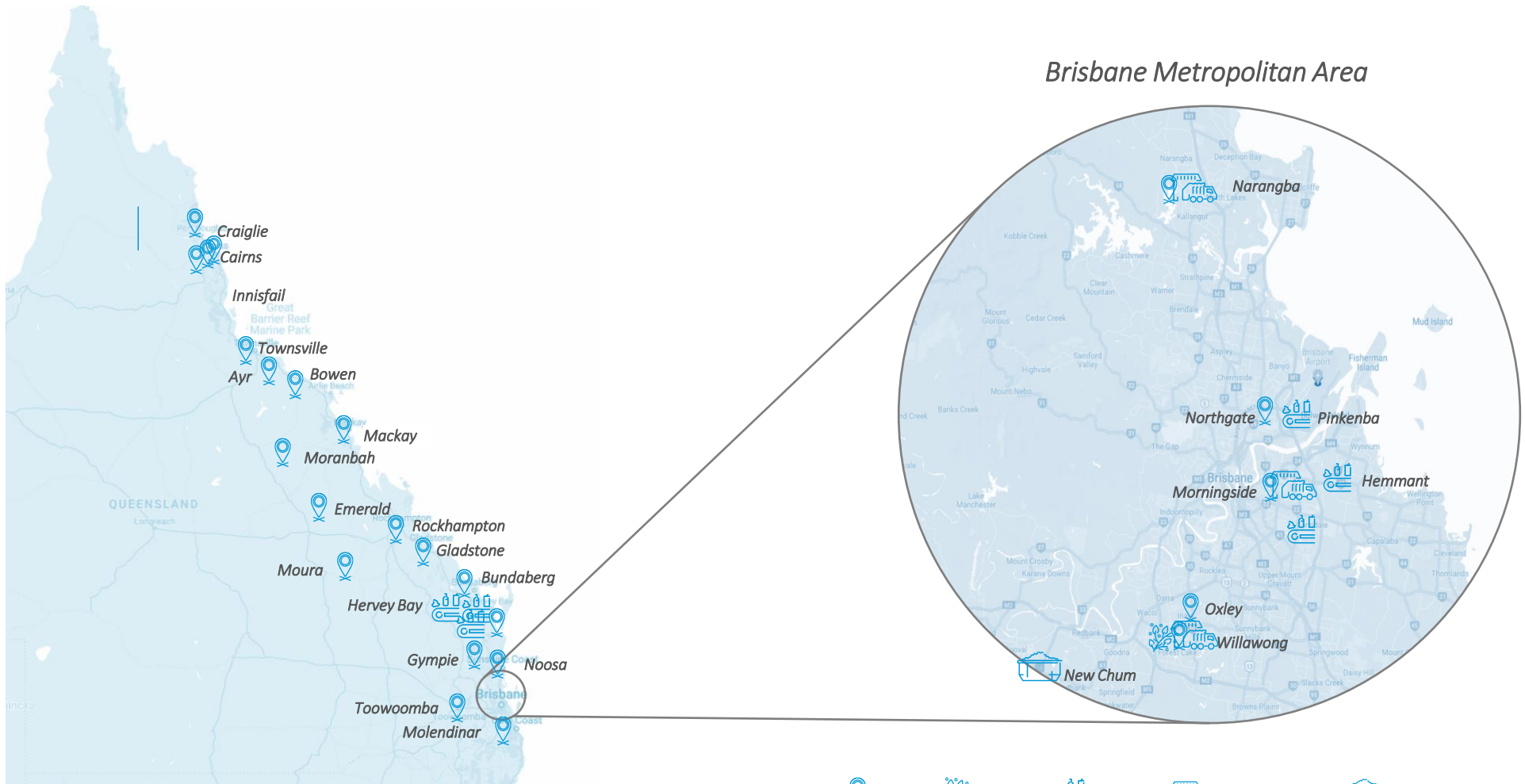


135+ licensed
infrastructure
assets

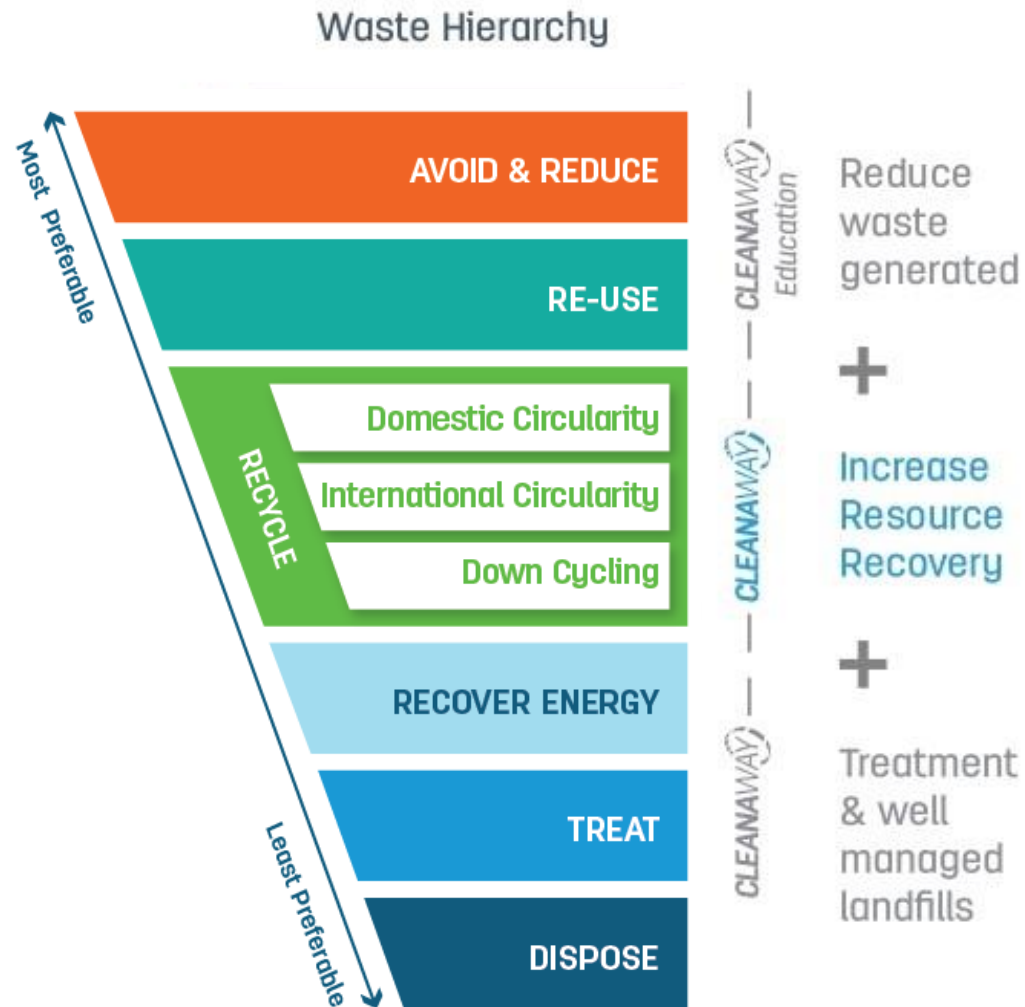


Cleanaway Queensland - Solid Waste Services

Hubs and spokes network



Cleanaway is investing up the waste hierarchy



Alignment with Qld Government Policy & Strategies

- Waste Management and Resource Recovery Strategy (WARRS)
 - Supports key outcome of reducing amount of waste to landfill
- Energy from Waste Policy and Guideline
 - Strategic priority action of the WARRS
 - Supports the transition towards a circular economy by harnessing the value of residual waste (that would otherwise go to landfill) to generate energy
 - Details environmental, technical and community engagement outcomes to be achieved
 - Prioritises fuel and energy production over landfill; and thermal EfW over landfill gas capture and combustion
 - Balances industry needs with community concerns and highest, best-practice environmental standards

Targets for 2050

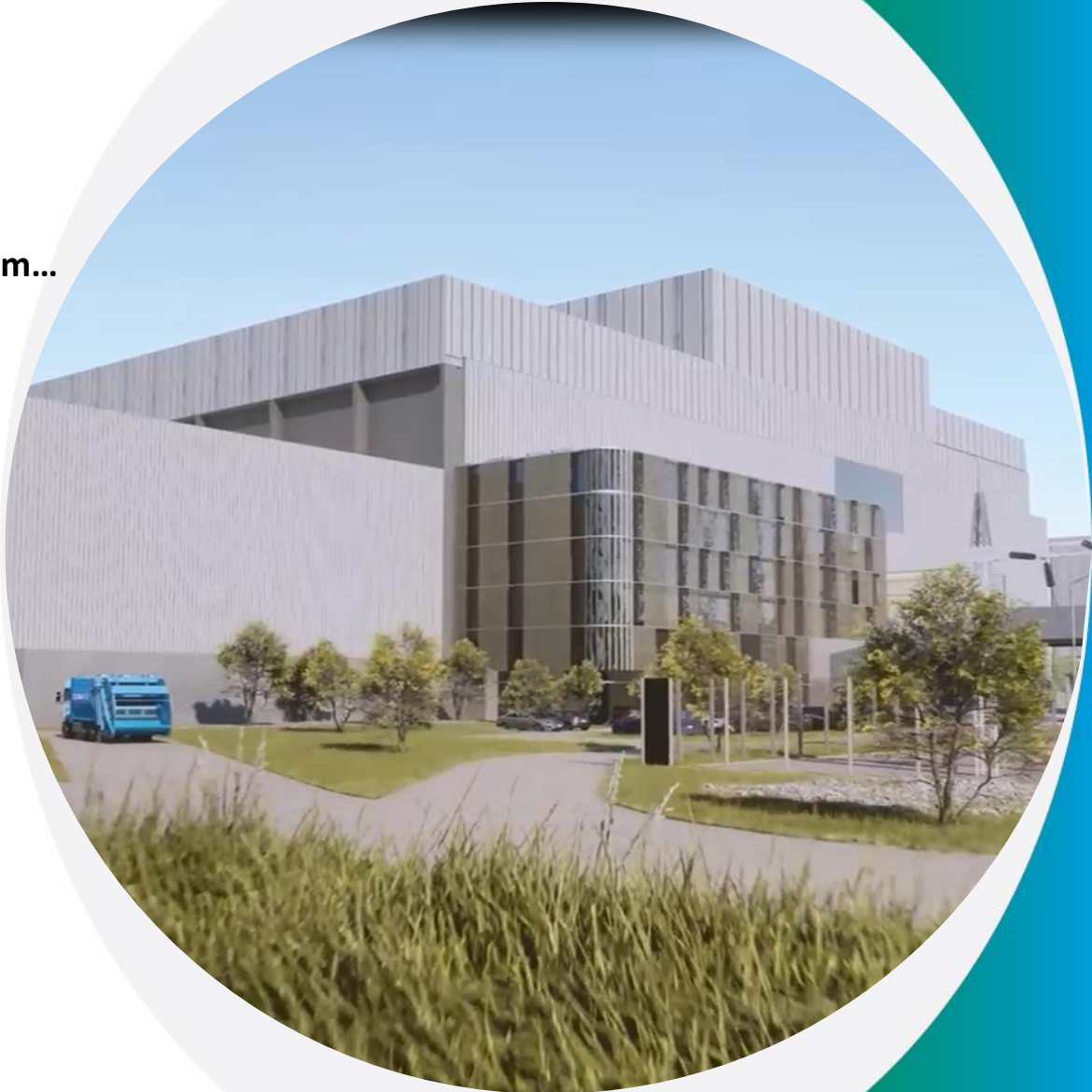
- 25% reduction in household waste
- 90% of waste is recovered and does not go to landfill
- 75% recycling rates across all waste types

Energy from Waste

Creating our East Coast Energy from Waste platform...

- ✓ Queensland site purchased (100% equity)
- ✓ Melbourne site purchased (100% equity)
- ✓ NSW options under review (51% equity)
- ✓ Dedicated Energy from Waste team
- ✓ Specialist consultants
- ✓ Energy from Waste policies developing in key jurisdictions

...to turn residual waste into energy



Specialist Project Team



Environmental (Lead) &
non-process engineering



Town planning & approvals



Cultural heritage



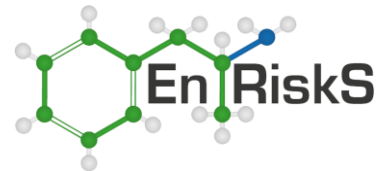
Local environment
& knowledge



Energy from Waste
technology & engineering



Air quality



Human health



Waste flow



Community engagement



Land & groundwater



Waste sampling



Survey

Project benefits & considerations

Preliminary figures subject to final design and assessment

GENERATING 40MW OF
ELECTRICITY TO POWER
~60,000
HOMES

CREATING OVER
800
JOBS DURING
CONSTRUCTION

PLUS
50
LOCAL HIGHLY SKILLED
JOBS DURING OPERATION

GREENHOUSE GAS SAVINGS
EQUIVALENT TO
50,000
CARS OFF THE ROAD

RECOVER AN ESTIMATED
10,000 TONNES
OF RECYCLABLE METALS
PER ANNUM

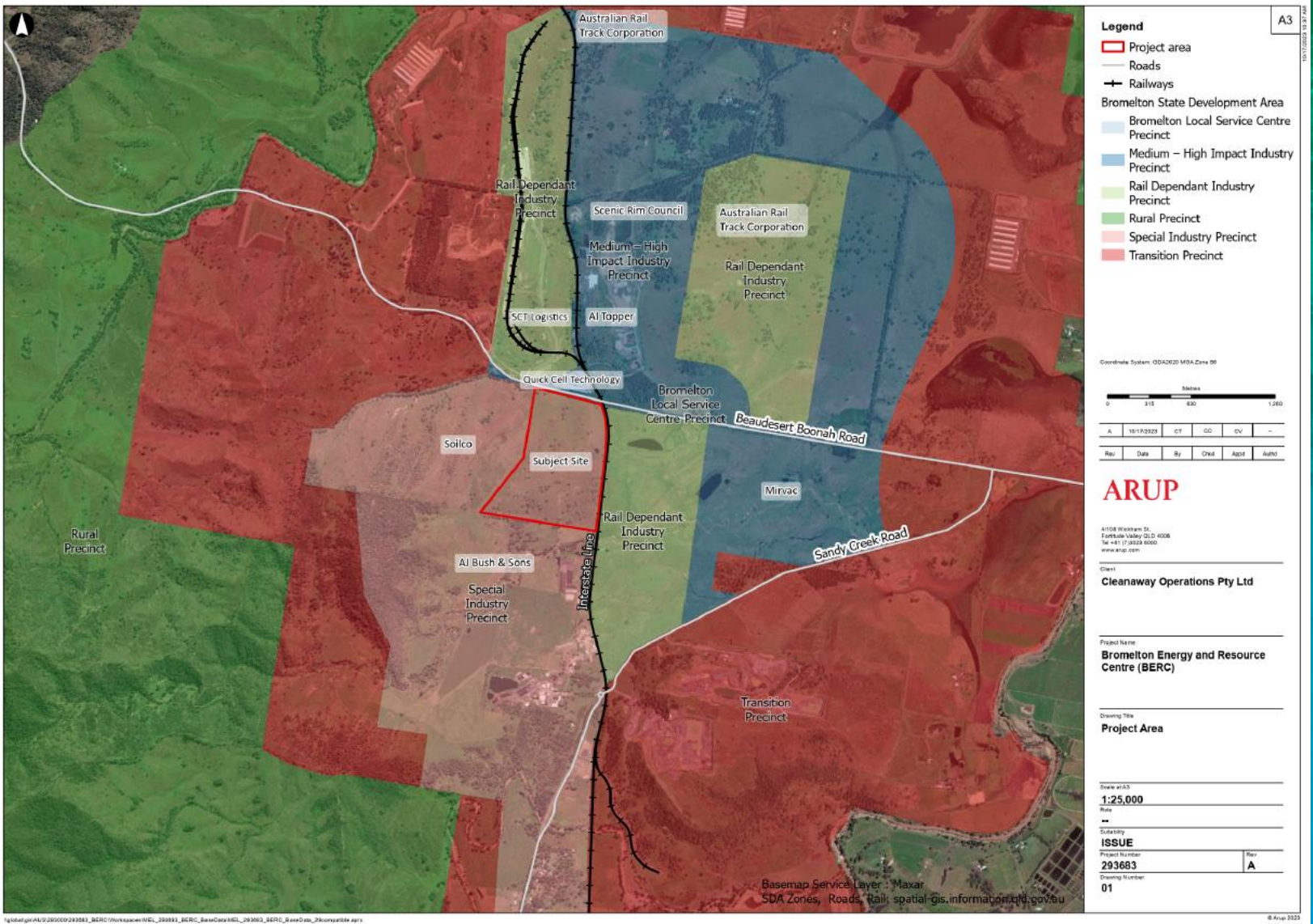


Precinct opportunities

Economic development

SDA considerations

Site location and setting





Existing conditions

- Site previously used for farming purposes
- Scattered trees, no mapped remnant vegetation
- No other mapped environmental/ecological values
- 'Unmapped' drainage line in the low-lying area, running west-east
- Railway line adjacent to east
- Existing high noise/odour activities in vicinity
- Very few sensitive receptors within 3km radius.

Technical environmental assessments to inform design

- Aboriginal cultural heritage
- Air quality
- Biodiversity and bushfire risk
- Climate Change
- Greenhouse gas
- Hazard and risk
- Human health
- Hydrology and flooding
- Land and groundwater
- Landscape and visual
- Noise and vibration
- Odour
- Socioeconomic
- Sustainability
- Town planning
- Traffic and transport
- Waste management
- Waste flow

What we hear from the community and stakeholders will also inform design.

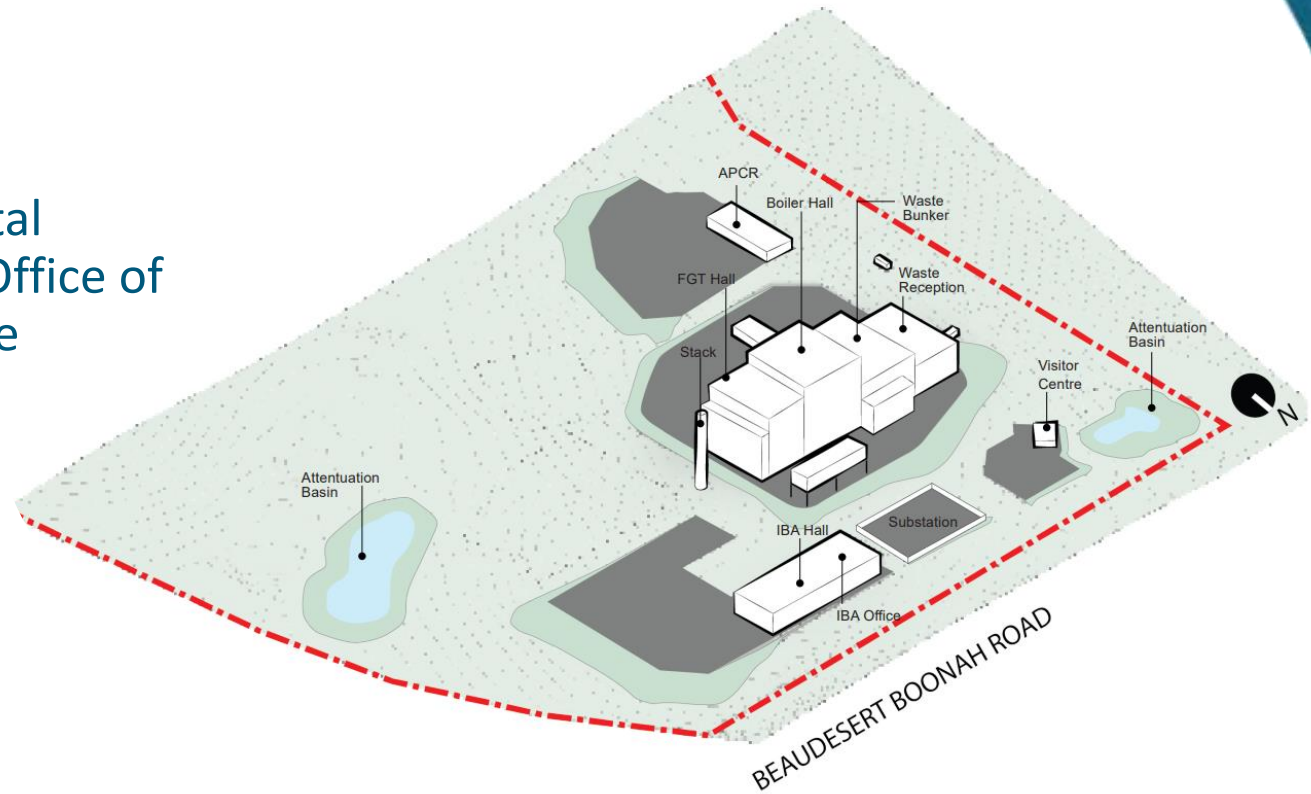
Project Timeline



The timeline for the project is indicative only and is subject to change.

Project Scoping and Assessment

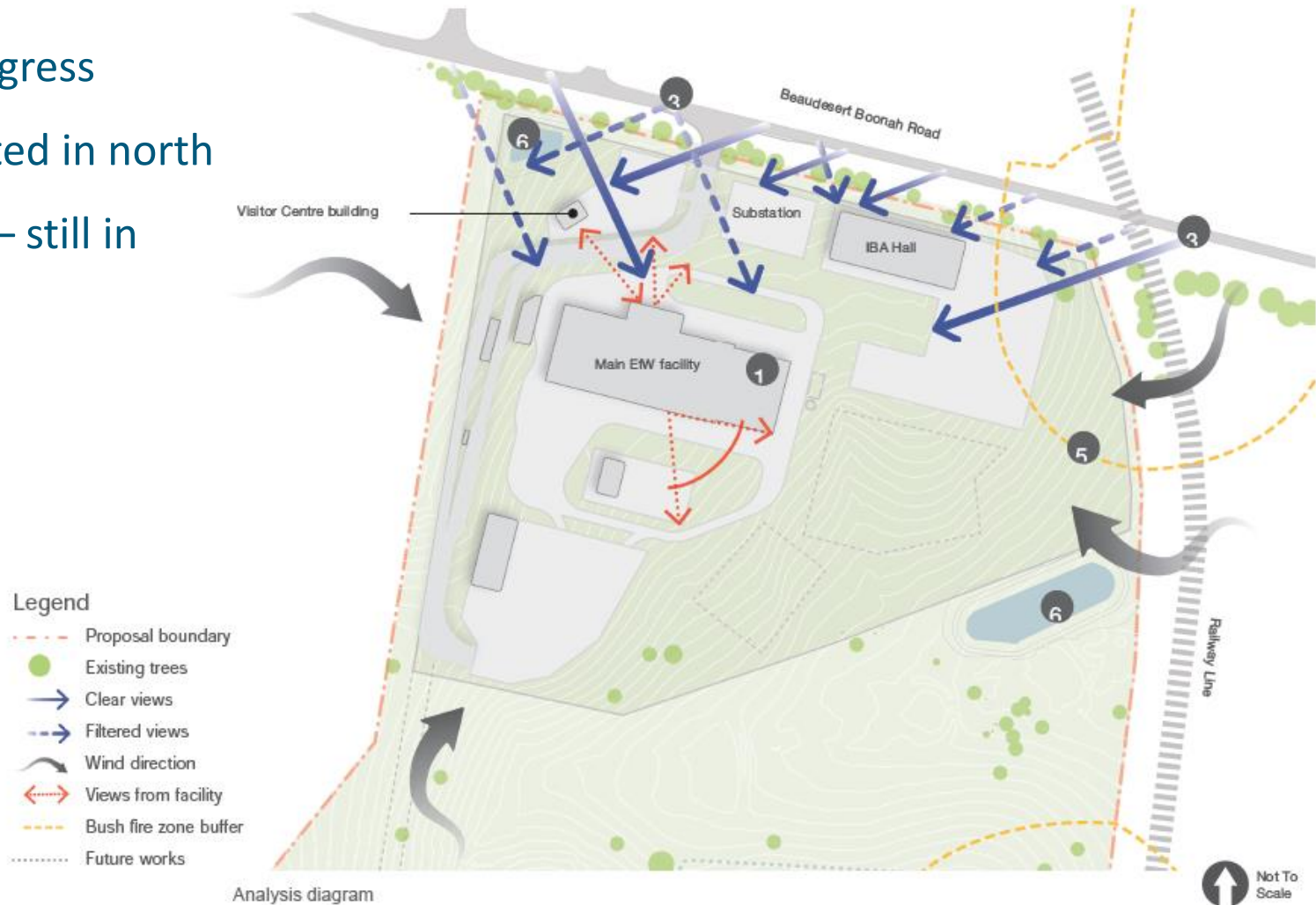
- Basis of Design
- Concept Development
- Specialist Assessments
- Planning and Environmental Approvals Applications – Office of Coordinator-General (State Government)



Draft only

Site Analysis

- Layout work in progress
- Development located in north
- Subject to change – still in development



Melbourne (MERC) example

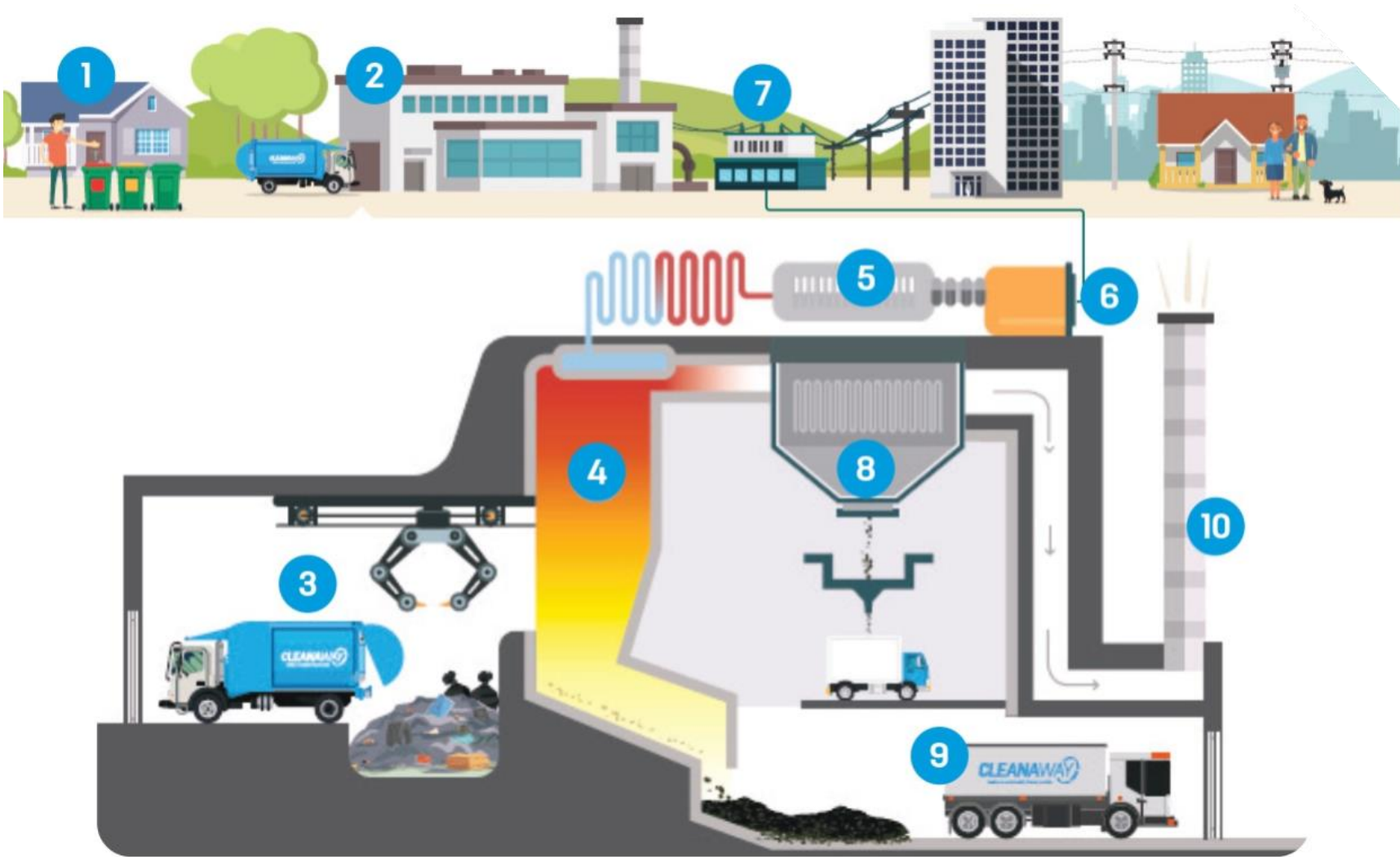


Artist impressions only

Visualisation: MERC example



EfW process overview



Key inputs



Key design features of the facility

- **Design compliant with Energy from Waste QLD policy**
- **Proven technology** (moving grate, over 500 EfW plants in operation in Europe)
- Use of benchmark European Union's **Best Available Techniques** Reference Document (BREF) for Waste Incineration technology and emission limits
- Recycling of Bottom Ash and recovery of metals
- **Air emissions will also comply with Queensland's Guidelines and air quality standards**
- Independent assessments for Air Quality and Human Health Risk Assessment



Are Energy from Waste facilities located elsewhere?

- The BERC uses modern technology that is used in hundreds of facilities in Denmark, Germany, UK, USA, Singapore and Japan.
- Facilities in Europe and Japan are often located less than 400m from the local community.
- Two facilities are under construction in WA and will be operational within 1 to 2 years



Lakeside Energy from Waste, UK



Amager Bakke, Denmark

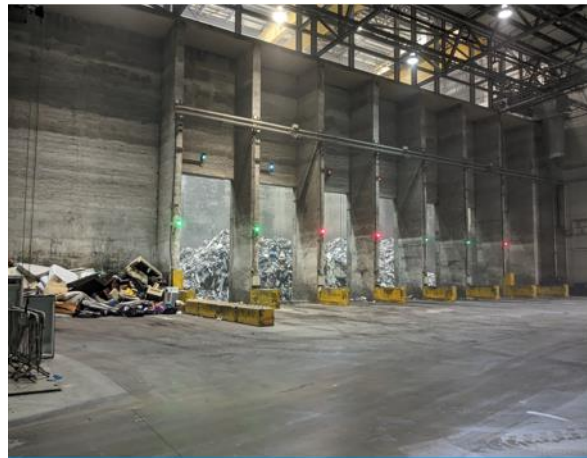


Kwinana Waste to Energy, Perth

EfW facilities in action



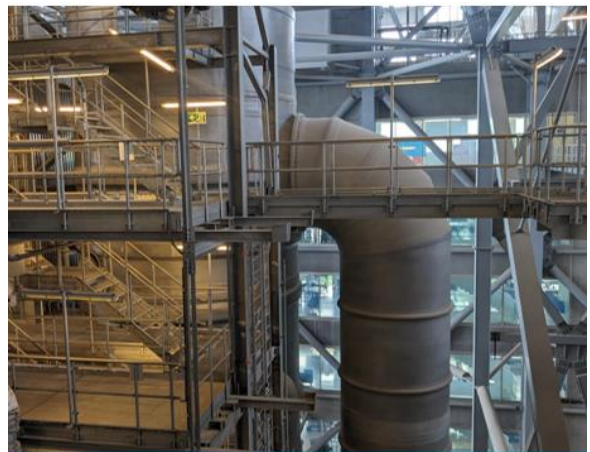
View from closest neighbours



Tipping hall (reversing tipping)



Waste bunker



Flue gas treatment 2.2



IBA storage



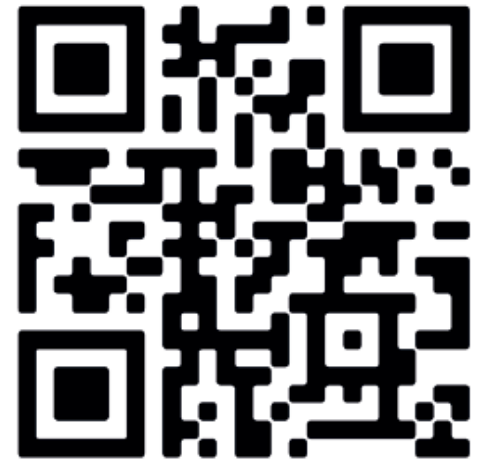
Aggregates storage

Q&A



How to engage

- Scan the QR code to visit the BERC website
- <https://www.cleanaway.com.au/location/bromelton-energy-and-resource-centre/>
- Virtual room (online via website) – factsheets, posters, survey
- Contact the project team:
 - Tel: 0497 058 676
 - efw.bromelton@cleanaway.com.au
- Online survey open until 31 October 2023
- Sign up for project updates



Live feedback about this session

Go to

www.menti.com

Enter the code

3386 8141



Or use QR code

Thank you



BROMELTON
ENERGY & RESOURCE
CENTRE Powered by CLEANAWAY

BUSINESS EVENING

Join us to learn more about the business opportunities surrounding the proposed Bromelton Energy and Resource Centre.



5.30PM - 7PM
WEDNESDAY 8 OCTOBER



THE CENTRE, 82 BRISBANE
ST, BEAUDESERT

REGISTER NOW



**LEARN ABOUT
SUPPLIER
OPPORTUNITIES
FOR YOUR
BUSINESS**

**TICKETS
FREE TO
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SUPPORTED BY


Chamber of Commerce
BEAUDESERT DISTRICT



Bromelton Energy and Resource Centre Local Business Update

8 October 2025



Acknowledgement of Country

Cleanaway acknowledges the Traditional Owners of the lands on which we operate and in the communities in which we exist. Today we are discussing land under the custodianship of the Mununjali people.

We celebrate the diversity of Aboriginal peoples and their ongoing cultures and connections to the lands and waters of this country.

We are proud to pay our respects to Elders past, present and future, for they hold the traditions and the cultures, and together we hold the hopes of a truly reconciled Australia.

Agenda

1. Welcome and introductions – John Powell
2. About Cleanaway – Mark Biddulph
3. About the Bromelton Energy and Resource Centre proposal – Michael Hartley
4. Local business supplier opportunities – Michael Hartley
5. Procurement – Michael Hartley
6. About you – local business introductions
7. Questions

Welcome and introductions

Team introductions

About Cleanaway



335 active sites



135+ licensed
infrastructure assets



6,400+
vehicles in the fleet



140+
council relationships



132K+
business customers



10,000+
employees



\$3bn
Net Revenue

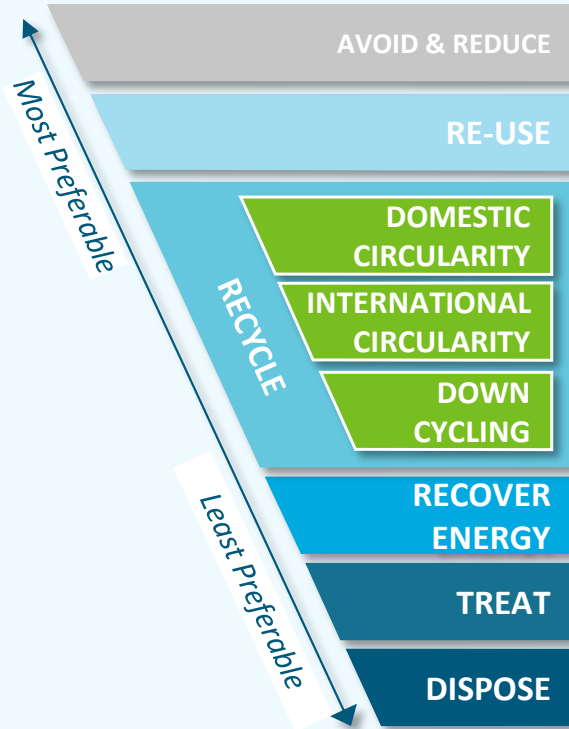


\$ 5bn
market capitalisation

1

Australia's **leading**
waste management
company

Waste hierarchy



Cleanaway
education
programs



Western Sydney
Material Recovery
Facility (MRF)



Citywide
acquisition

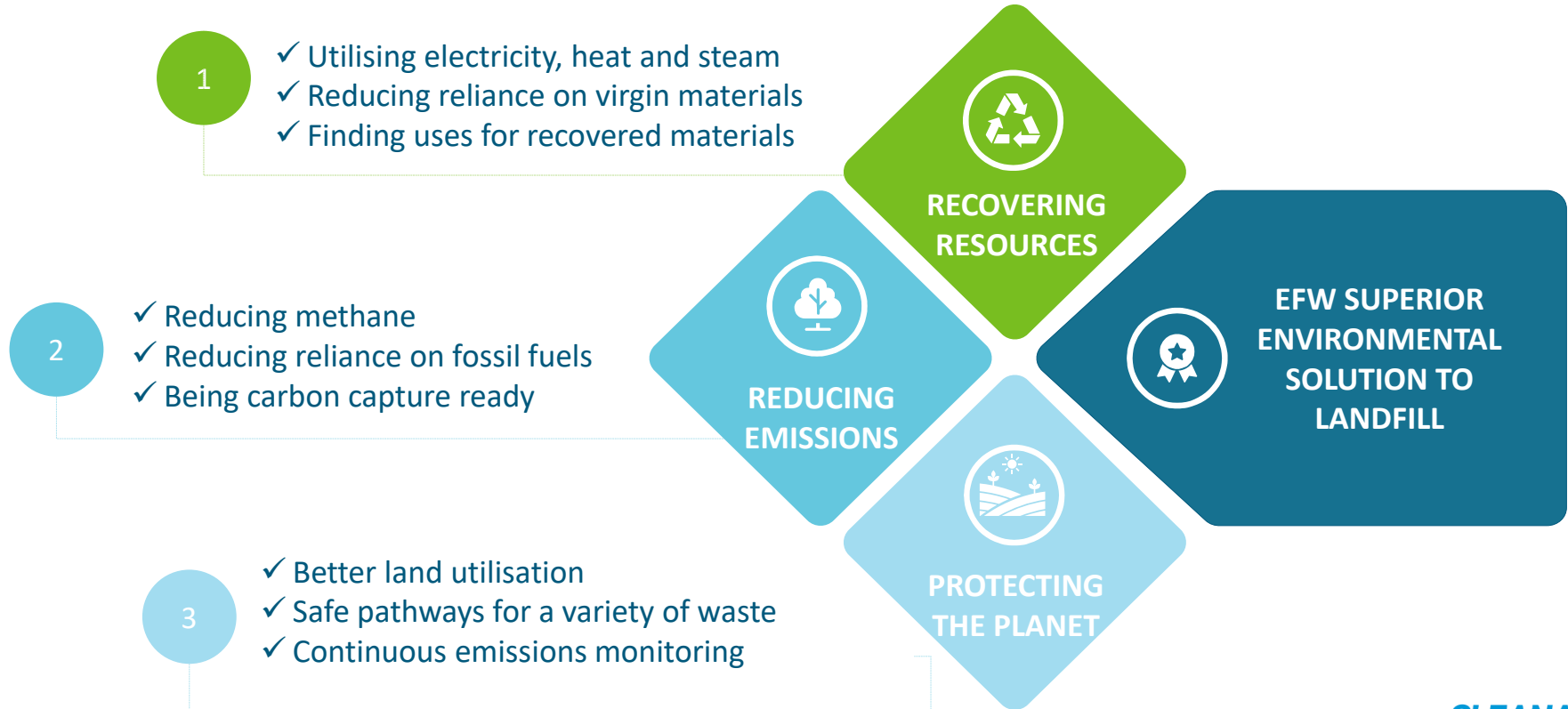


Viva Energy
partnership



EfW
development

Energy from Waste



Circular precinct vision

*A connected industrial **ecosystem** that **shares energy and materials**, driving **circularity** and **sustainability** through **industrial symbiosis**.*



Maximise
**resource
recovery**



**Emission
reduction** for
partners



Shared, scalable
infrastructure



Reduce system
wide **energy loss**



Improve **thermal
efficiency**

The Site



Lot 1 Beaudesert-
Boonah Road,
Bromelton

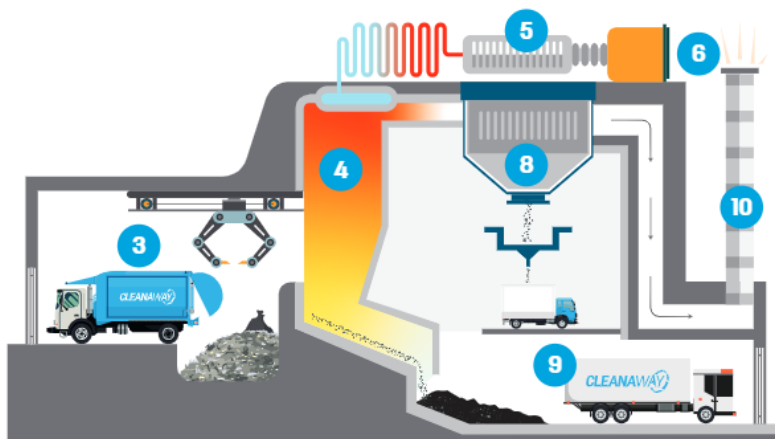
63 hectares



How does it work?

BROMELTON ENERGY & RESOURCE CENTRE

Powered by CLEANAWAY



- 1 At home and work, we sort our waste into recyclable and non-recyclable items.
- 2 Before arrival at the energy from waste facility, residual waste that has been sorted at home and work is delivered to the facility.
- 3 In the bunker, waste is mixed, ensuring consistency, by large crane claws before placement into the combustion chamber.
- 4 Waste is combusted as it moves along a moving grate. The temperature in the combustion chamber reaches more than 850°C to ensure that waste combusts completely while also destroying organic pollutants and odour.
- 5 Water is heated during combustion creating steam which turns a turbine.
- 6 Baseload electricity is generated.
- 7 Electricity is put back into the grid and used to power homes and businesses.
- 8 Gases created during combustion pass through a multi-step flue gas treatment system, removing pollutants from the gases. Residues from the flue gas treatment are collected in a sealed system for treatment before disposal.
- 9 Bottom ash from the combustion process is collected and stored. Metals are recovered for recycling. It is intended that the remaining bottom ash is sent for reuse in construction.
- 10 Cleaned gases and steam are dispersed high into the atmosphere, mixing well to ensure no impact on surrounding air quality.



HAVE QUESTIONS OR REQUIRE TRANSLATION SUPPORT?

Phone: 0497 058 676

Email: efw.bromelton@cleanaway.com.au

Website: cleanaway.com.au/location/bromelton-energy-and-resource-centre

Energy from Waste technology



Fly through animation

Project update

- Technical assessments are being updated based on a facility capacity of 760,000 tonnes of residual waste per year (12% of total waste sent to landfill in Queensland)
- Generate 73 megawatts of electricity – enough to power 105,000 homes
- On target for planning application submission to Queensland Government in early 2026
- Consultation in September 2025:
 - Provide latest information available about the proposed facility – size, layout, capacity, resources recovered, transport
 - Encourage feedback about potential issues to mitigate and opportunities for locals (online survey, info sessions)
- More consultation in 2026 (timing to be confirmed by Office of Coordinator-General):
 - Share technical assessments and reports

Process and program



Jobs and local business opportunities

Construction workforce

Roles	No.	Description
Skilled trades	600	This will include Riggers, Electricians, Instrument technicians, Scaffolding and Pipe fitters
General workforce	100	Plumbers, Welders, Carpenters, Laborers, Ladders,
Project Management	20	Project Engineers, Health and Safety, Quality Assurance/Control, Construction and Commissioning
Engineering	25	Discipline engineers and designers to support changes and commissioning at site
Administrative	5	Document Control, Site administration
Temporary	50	Domestic support, fencing contractors, security, supply chain
Total Resources	800	

Jobs and local business opportunities

Operation workforce

Roles	No.	Description
Operations	25	This is for the required operators at site based on a roster system 24/7 shift pattern
Maintenance	17	This is required to maintain the plant to ensure safe operations and will be based on a roster system.
Project Management	5	This is the Organisation that will be responsible for the effective running of the facility to meet the various conditions and compliance, Senior Executives, Technical, Operations and Maintenance leadership.
Engineering	2	Discipline engineers to support the operations and maintenance activities
Administrative	1	Document Control, Site administration
Total Roles	50	

Local business suppliers

- Scaffolding
- Spare parts
- Consumables
- Industrial cleaning
- Office cleaning
- Gardening
- Fabrication
- Annual maintenance

What's ahead

- Market engagement closer to procurement (target 2027 - TBC)
- Local industry and First Nations business focus in Engineering Procurement Construction contract
- Local business register (sign up tonight) – will be shared in the major contract tender process

About you

Questions?



Bromelton Energy and Resource Centre Community Information Session

September 2025



Acknowledgement of Country

Cleanaway acknowledges the Traditional Owners of the lands on which we operate and in the communities in which we exist. Today we are discussing land under the custodianship of the Mununjali people.

We celebrate the diversity of Aboriginal peoples and their ongoing cultures and connections to the lands and waters of this country.

We are proud to pay our respects to Elders past, present and future, for they hold the traditions and the cultures, and together we hold the hopes of a truly reconciled Australia.

Agenda

1. Welcome and introductions
2. About this session
3. About Cleanaway
4. Queensland Government Waste Management Strategy
5. Energy from waste
6. About the Bromelton Energy and Resource Centre proposal
7. Process and program
8. FAQs
9. Questions from you
10. Next steps

Welcome and introductions

Housekeeping

Team introductions

About this information session

Purpose:

- *inform the community about the proposal and planning status*
- *meet the project team*
- *ask questions*

Presentation format

Hold questions after presentation topics

Q&A session at the end

Agreed behaviours

Let's respect each other

Listen to understand different points of view

Courtesy and kindness

Keep to time and the agenda

Anything we can't answer or get to today: follow up with information

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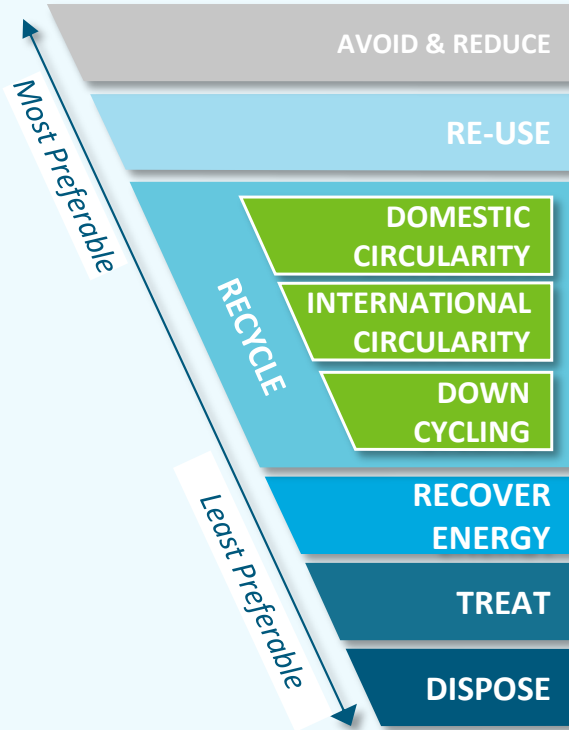


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Citywide
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Viva Energy
partnership



EfW
development

Queensland Government Waste Management and Recovery Strategy

Vision

Queensland will become a zero-waste society, where waste is avoided, reused and recycled to the greatest extent possible. Strategic investment in diverse and innovative resource recovery technologies and markets will produce high-value products and generate economic benefits for the state.

- Three core priorities:
 - building economic opportunity
 - reducing the impact of waste on the environment
 - transitioning to the principles of a circular economy to help retain the value of material in the economy for as long as possible
- In 2017–18:
 - Queensland produced nearly 11 million tonnes of waste, with the increase in waste generated over the last decade outstripping population growth by 19 per cent.
 - 4.9 million tonnes of resources recycled or recovered, or around 45 per cent of waste generated. This is below the national average of resource recovery performance across all Australian jurisdictions, and well below those states with the highest recycling rates.

Snapshot of waste in Queensland

In 2017–2018 ...



Targets for 2050

- 25% reduction in household waste
- 90% of waste is recovered and does not go to landfill
- 75% recycling rates across all waste types

Queensland Government Energy from Waste Policy

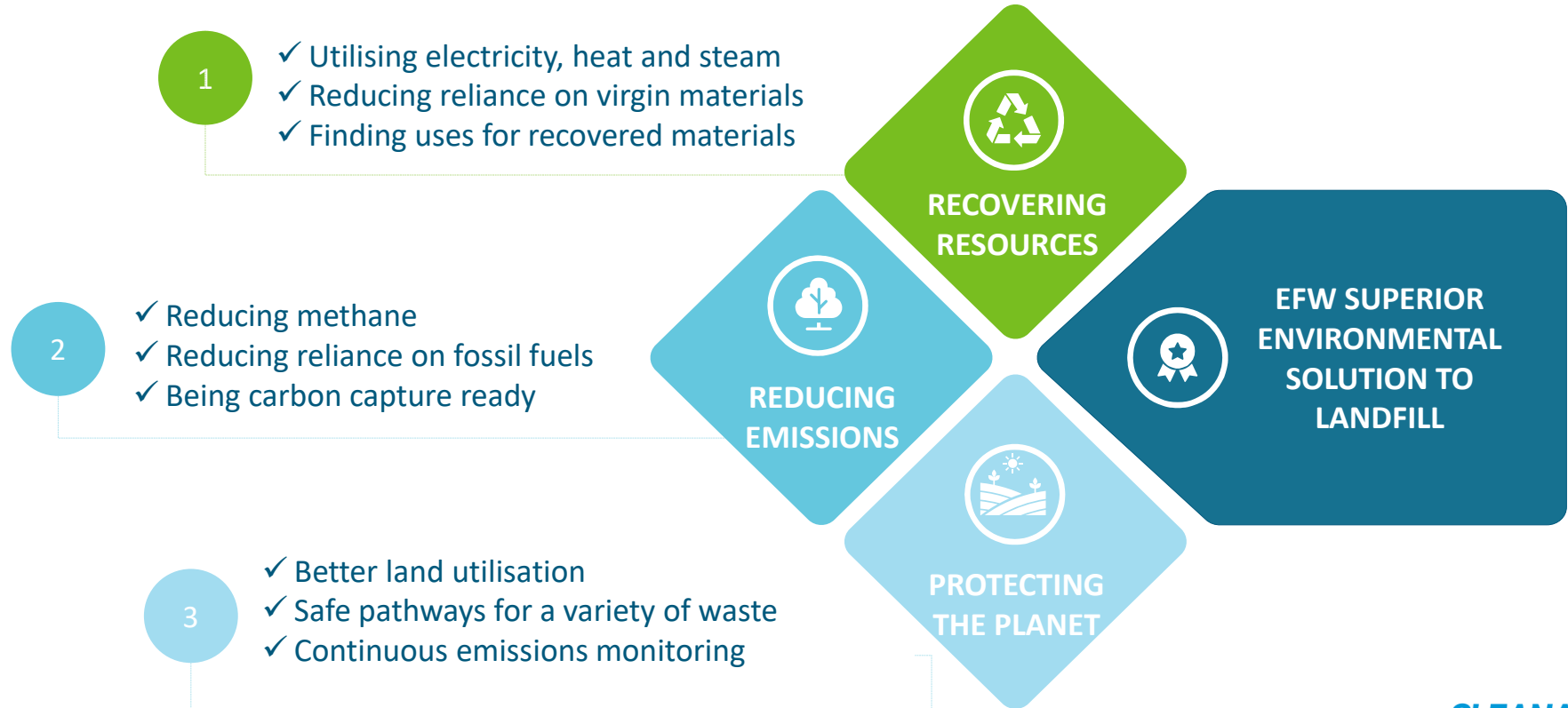
The BERC proposal is being developed in accordance with Qld Government's Energy from Waste Policy

The policy:

- Supports diverting waste that can't be reused or recycled from landfill
- Supports transition towards circular economy
- Contributes to commitment for renewable energy targets
- Outlines technical, environmental, regulatory, and social or community outcomes for proponents of EfW facilities to achieve
- Advises locating facilities in appropriate locations with other industrial / circular economy opportunities
- Sets environmental protection requirements: Best Available Techniques Reference Documents (BREFs) from European Commission
- Guides assessment of EfW proposals – environmentally relevant activity (ERAs)
- Gives community engagement advice



Energy from Waste



Circular precinct vision

*A connected industrial **ecosystem** that **shares energy and materials**, driving **circularity** and **sustainability** through **industrial symbiosis**.*



Maximise
**resource
recovery**



**Emission
reduction** for
partners



Shared, scalable
infrastructure



Reduce system
wide **energy loss**



Improve **thermal
efficiency**

About the Bromelton Energy and Resource Centre (BERC)

- The site and the State Development Area
- Queensland Government application process
- Planning assessments
- How the technology works
- BERC site plan
- Jobs and local business suppliers

The Site

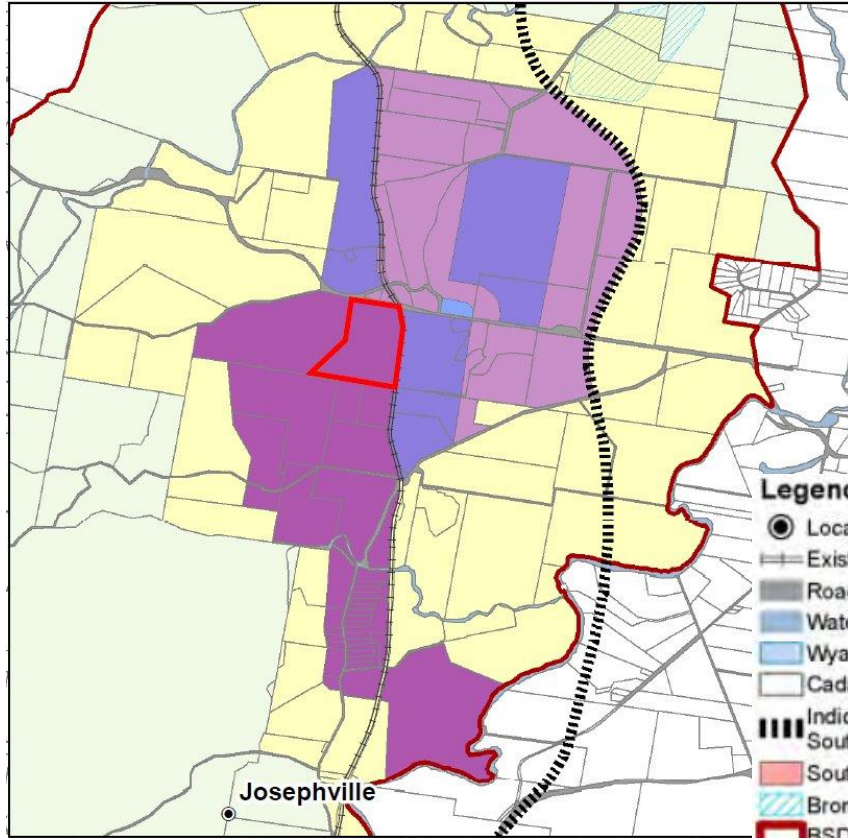


Lot 1 Beaudesert-
Boonah Road,
Bromelton

63 hectares



Bromelton State Development Area (SDA)



- Managed by the Coordinator-General, the Bromelton SDA supports economic development in a way that considers environmental, cultural and social issues as well as existing industry and surrounding infrastructure within the region
- Declared in 2008
- Approximately 15,610 hectares
- Located within Scenic Rim Regional Council area, approximately 6km west of Beaudesert and 75km south of Brisbane

Legend

- Localities
- Existing rail
- Roads
- Waterways
- Wyaralong Dam
- Cadastral boundary
- Indicative Bromelton North South Arterial Road
- Southern Freight Rail Corridor
- Bromelton Offstream storage
- BSDA boundary

Bromelton SDA precincts

- Bromelton Local Service Centre Precinct
- Medium – High Impact Industry Precinct
- Rail Dependant Industry Precinct
- Rural Precinct
- Special Industry Precinct
- Transition Precinct



About the SDA

- Industries already established in the Bromelton SDA:
 - SCT Logistics - intermodal rail freight facility and warehouses
 - GELITA Australia Pty Ltd - manufactures gelatine which is sold as edible gelatine for food industry uses
 - A.J. Bush and Sons Pty Ltd - rendering industry producing protein meal and tallow
 - Beaudesert Central Waste Management Facility - a waste transfer station operated by the Scenic Rim Regional Council
 - Bromelton Quarry - supplies blue rock to the regional area
 - The Neilsen Group quarry - supplying general quarry and gravel products to the regional area
 - Quickcell Technology Products Pty Ltd - manufacturers of prestressed and precast concrete products.
 - SoilCo – organics recycling facility in approval process.



The Coordinator-General assesses and decides all SDA applications as part of the development assessment framework

Specialist consultant team

We've engaged consultants who are leading experts in their fields. These include engineers, environmental scientists, human health scientists, and researchers.



Environmental (Lead) &
non-process engineering



Town planning & approvals



Cultural heritage



Waste-to-energy
technology & engineering



Land & groundwater



Air quality



Human health



Waste flow



Community engagement



Assessments

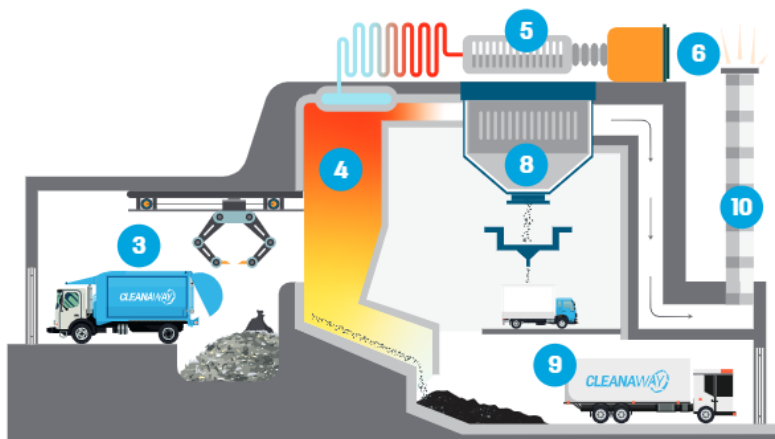
Extensive assessments are being conducted as part of the planning proposal:

- Cultural Heritage
- Bushfire Risk
- Ecology
- Groundwater and Hydrogeology
- Policy Overview
- Waste Feedstock
- Waste Management
- Technical Process Description
- Air Quality & Odour
- Noise/Vibration
- Human Health
- Traffic Impact Assessment
- Hydrology, Flood & Surface Water Impact Assessment
- Greenhouse Gas & Climate Change
- Socioeconomic
- Sustainability Management Plan
- Visual Impact

How does it work?

BROMELTON ENERGY & RESOURCE CENTRE

Powered by CLEANAWAY



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Phone: 0497 058 676

Email: efw.bromelton@cleanaway.com.au

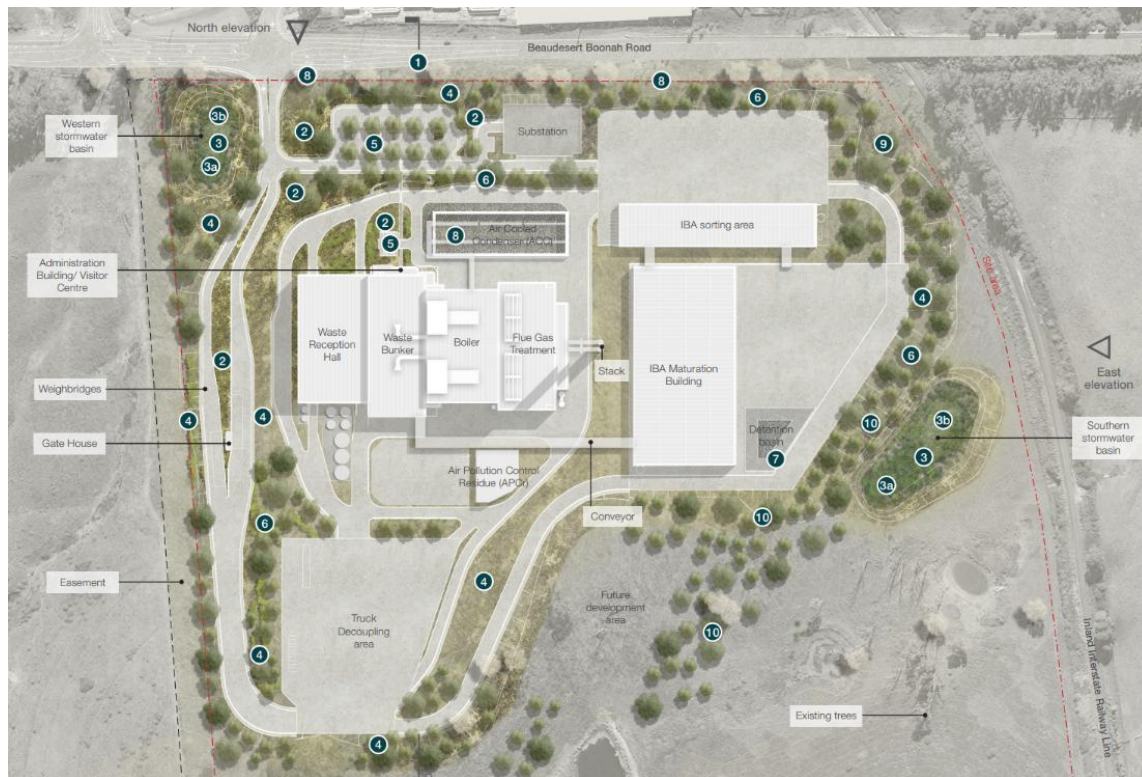
Website: cleanaway.com.au/location/bromelton-energy-and-resource-centre

Energy from Waste technology



Fly through animation

BERC site plan



1 Arrival: formal access to the facility.

2 Accent planting: the planting design assists with directing users to the visitor centre upon arrival to the site. This includes a dense understorey of native grasses and herbaceous plants which express seasonal variance in colour and texture. The palette references the rolling eucalyptus grasslands and hillsides of the Logan River floodplain, characteristic of the Bromelton area. This palette occurs at key arrival points including visitor centre area and at the main facility building administration area including along visitor travel route within the facility.

3 Combined treatment and detention basins: comprised of a bioretention basin (3a) and an on-site detention basin (3b) and planted with riparian vegetation including sedges, grasses and rushes to support improving water quality and habitat creation where possible. The bioretention basin functions as an ephemeral wetland, supporting bioremediation and water infiltration.

4 Screening: comprises a mix of regionally specific trees and large shrubs which visually integrate the facility into the landscape and mitigate visual impacts to receptors.

5 Car park: provide shade and improve visual amenity by maximising tree planting opportunity.

6 Landscape treatment within the facility: trees with understorey of native grasses and herbaceous species for amenity and shade. Trees and tall shrubs are not proposed to areas identified for future works.

7 Shaded/maintenance areas: loose gravel mulch is proposed to areas not suitable for planting to establish, such as shaded areas under heavy equipment and narrow areas of road median.

8 Northern boundary: infill tree and shrub planting between existing trees to further screen facility and reduce visual impacts to road users and adjacent property.

9 Bushfire sensitive areas: lower fuel load tree species with softscape treatments in accordance with *Landscaping for Bushfire* (2022) CFA.

10 Early planting: of perimeter screening vegetation mix to south-west embankments.

Project update

- Technical assessments are being updated based on a facility capacity of 760,000 tonnes of residual waste per year (12% of total waste sent to landfill in Queensland)
- Generate 73 megawatts of electricity – enough to power 105,000 homes
- On target for planning application submission to Queensland Government in early 2026
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 - Encourage feedback about potential issues to mitigate and opportunities for locals (online survey, info sessions)
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 - Share technical assessments and reports

Jobs and local business opportunities

Construction workforce

Roles	No.	Description
Skilled trades	600	This will include Riggers, Electricians, Instrument technicians, Scaffolding and Pipe fitters
General workforce	100	Plumbers, Welders, Carpenters
Project Management	20	Project Engineers, Health and Safety, Quality Assurance/Control, Construction and Commissioning
Engineering	25	Discipline engineers and designers to support changes and commissioning at site
Administrative	5	Document Control, Site administration
Temporary	50	Domestic support, fencing contractors, security, supply chain
Total Resources	800	

Jobs and local business opportunities

Operation workforce

Roles	No.	Description
Operations	25	This is for the required operators at site based on a roster system
Maintenance	17	This is required to maintain the plant to ensure safe operations and will be based on a roster system.
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Engineering	2	Discipline engineers to support the operations and maintenance activities
Administrative	1	Document Control, Site administration
Total Roles	50	

Local business suppliers

- Scaffolding
- Spare parts
- Consumables
- Industrial cleaning
- Gardening
- Fabrication

Process and program



What we heard from the community in 2023:

- Traffic and truck movements
- Environmental impacts: air quality & odour
- Sustainable water consumption
- Local employment & training opportunities
- Benefits to local economy
- Other local waste hierarchy initiatives
- Energy production & reduced energy costs

Frequently asked questions

1. Is energy from waste unsafe (emissions, pollutants)?
2. Does energy from waste use more electricity than it produces?
3. Will energy from waste facilities take away from recycling programs?
4. How is energy from waste better than landfill?
5. How many trucks will access the BERC?
6. Aren't these facilities closing in other countries?
7. Where can I find out more about EfW?

Frequently asked questions

1. **Is energy from waste unsafe (emissions, pollutants)?**

- No. There is no evidence to suggest that energy from waste facilities is harmful to human health. The flue gas treatment system is designed in accordance with international best practice techniques. It is a multi-step system that clean the gases, resulting in 99.9% of the volume leaving the stack being gases common to air, including oxygen, hydrogen, nitrogen, and water vapour, which quickly disperse.
- The BERC will follow strict environmental controls and safeguards. Air emissions will be constantly monitored and reported as required. Results will also be shared on our website.

2. **Does energy from waste use more electricity than it produces?**

- No. The BERC will generate 73 megawatts of electricity – enough to power 105,000 homes – after powering the facility operations.
EfW is not a replacement for wind/solar renewable energy — it provides dispatchable, baseload energy from unavoidable waste. It complements renewables by stabilising the grid and helping decarbonize hard-to-replace baseload.

3. **Will energy from waste facilities take away from recycling programs?**

- No. Only residual waste – the waste that can't be recycled from red bins that are sorted at the source – will be processed at the BERC. Cleanaway invests in a range of facilities up and down the waste hierarchy like pelletising plastic and planning a soft plastics recycling facility. We need more programs and facilities that recover valuable resources to support a circular economy and minimise residual waste going to landfill.

Frequently asked questions

4. How is energy from waste better than landfill?

- Landfilling waste buries useful resources that could otherwise be used. EfW is preferable to landfill as it recovers valuable resources and produces electricity for the grid. It is a safe and sustainable alternative to landfill to manage waste that can't be recycled. The BERC will complement recycling programs and can divert over 95% of residual waste from landfill.

5. How many trucks will access the BERC?

- Around 236 vehicles would travel to the BERC each day. This would include waste deliveries, deliveries of materials and supplies, vehicle removing by-products from the facility and staff vehicles.

6. Aren't these facilities closing in other countries?

- Some plants are closing in Europe and America as a normal process of retiring older or obsolete plants that have reached the end of their life. Closed plants are older models and using outdated technology. New plants are being constructed in many countries, including China, England, the United States and Sweden, and elsewhere. Existing facilities are being expanded to increase capacity or upgraded to improve their performance and extend their operational life. There are currently more than 500 plants in Europe alone using the same technology as is proposed for Bromelton.

Frequently asked questions

7. Where can I find out more about EfW?

- Some credible sources of information about the latest EfW technology and facilities include:
 - NSW Government
 - WA Government
 - Waste Management & Resource Recovery Association Australia
 - Tolvik 2023 Report on UK Energy from Waste Sector

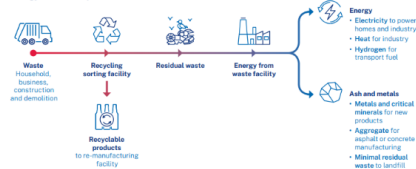
Energy from waste

New South Wales is transitioning to a circular economy over the next 20 years. This means we will continue to minimise what we throw away, and use and reuse our resources efficiently, making them as productive as possible.

We will end up with less waste, less emissions and less harm to our environment while boosting innovation, to help drive our economy and create more jobs. To achieve this, we need to have the services and infrastructure in place to deal with our waste safely and efficiently, to ensure it does not become a problem for future generations. We also need to work together with consumers, industry, and other governments to make the circular economy a reality.

Energy from waste is an effective way to manage residual waste that cannot be recycled. This waste is diverted from landfill and used to create energy, delivering positive outcomes for the community and the environment. The NSW Government supports energy from waste in the right locations and where it is used to manage genuine residual waste – not as an alternative to waste reduction or recycling.

Energy from waste process



What is energy from waste?

Energy from waste is a process where residual waste that cannot be recycled is converted into energy through a biological or a thermal process to create heat, electricity or gas/liquid fuels.

The energy from waste process produces some waste, as ash, which may then be reused for road construction purposes and recovering metals for recycling.

What is residual waste?

Residual waste is the waste left over after all recyclable or re-usable material has been removed following a resource recovery process or source separation collection system. Residual waste is the waste that is currently sent to landfill.

Fast facts

Proven technology
Globally over 2,000 energy plants operating

Negative air pressure
The facility is designed so air pollutants and odours can't escape

Waste volume reduction
An energy from waste facility combusts waste under controlled conditions that reduce the waste volume by about 90 per cent.

JULY 2019

VOL 1

ENERGY FROM WASTE

Thermal Treatment Fact Sheet



SITTELL EFW PLANT (OXFORD) - SUCCESSFULLY OPERATING SINCE 1971

What is Energy from Waste?

Energy from Waste (EfW), also known as Waste to Energy (WtE), refers to a process of converting residual wastes into energy such as heat, electricity, or liquid transport fuels.

The term EfW is broad, encompassing a range of thermal and biological processes. These include mature technologies, including combustion for heat and power, anaerobic digestion to generate biogas, and emerging technologies that allow waste to be converted to other energy products, such as gas or liquid fuels.

This is the first in a series of fact sheets to be published on this topic, focusing on thermal EfW technologies. In these systems, the energy is harnessed by combusting waste at high temperatures to be used for industrial heating or to drive a turbine that creates electricity.

EfW can form a vital part of a sustainable waste management chain, is fully complementary to recycling, and is already part of the global move towards implementing circular economy principles in waste management. There are more than 2,000 EfW facilities operating safely across North America, Europe, the Middle East, and Asia and over 200 of those were constructed between 2011 and 2015. While EfW facilities are limited in numbers in Australia, it is important that decision makers in the political, planning, infrastructure, environment, energy, and media sectors are aware of the factual elements relating to EfW and this fact sheet aims to provide a base level of information.

TOLVIK
CONSULTING
The Waste and Bioenergy Experts

UK Energy from Waste Statistics – 2023



May 2024

Questions?

Next steps

1. We want to hear from the community about what's important – fill in our survey on the website before 5 October 2025.
2. Technical assessments and reports finalised early 2026
3. Submission to Queensland Government Coordinator-General 2026
4. Community consultation on the planning application 2026

Website links

Website links:

[Bromelton State Development Area | State Development, Infrastructure and Planning](#)

[Current Waste Management and Resource Recovery Strategy | Environment, land and water | Queensland Government](#)

[Energy from Waste Policy | Environment, land and water | Queensland Government](#)

[Bromelton Energy and Resource Centre | Cleanaway](#)

[UK Energy from Waste Statistics - 2023 – Tolvik](#)

[Waste Management & Resource Recovery Association Australia - Fact Sheets and Reports](#)

[Energy from Waste | NSW Government](#)

A.7 Stakeholder Reference Group Terms of Reference

TERMS OF REFERENCE

BROMELTON ENERGY AND RESOURCE CENTRE STAKEHOLDER REFERENCE GROUP
MAY 2025

1. Project Overview

Cleanaway plans to establish the Bromelton Energy and Resource Centre (BERC) to turn waste into energy and recover valuable resources. The site chosen for the BERC is Lot 1 Beaudesert-Boonah Road, Bromelton, within the Bromelton State Development Area (SDA). This location is part of a Special Industry Precinct for difficult to locate industry. The SDA is a Queensland Government declared area for major industrial development of regional, state and national significance. The site is surrounded by other heavy industry including the established Scenic Rim Regional Council Waste and Resource Recovery Facility, quarries, animal processing, manufacturing and logistics operations. The site is centrally located in South East Queensland with good connectivity to road and rail and provides the opportunity to partner with adjacent industry for offtake of the energy and recovered resources as part of a circular economy.

As part of Cleanaway's commitment to community engagement, the project team is establishing a local Stakeholder Reference Group (SRG) in 2025 to advise on local issues, opportunities and to help guide the engagement approach. A range of people are sought for the SRG to represent local residents, business operators, First Nations people, students, environmental, community and industry groups. SRG members will meet regularly in Beaudesert to discuss various aspects of the project and help develop mitigation strategies and ideas for local community benefits.

2. Purpose of Document

This Terms of Reference outlines the terms under which the Cleanaway BERC SRG meets and conduct their activities. This information also serves as a Code of Conduct for SRG members and the basis for involvement with the SRG. Members will be required to confirm their agreement to these Terms of Reference.

2.1 Regular revision of the Terms of Reference

Cleanaway will review the content of the Terms of Reference at the end of each calendar year, and if any amendments are considered necessary, a revised version of the Terms of Reference will be presented to members at the first meeting of the following calendar year. Members will be asked to confirm their agreement to the new Terms of Reference at that meeting.

If a member does not agree to a revision to the Terms of Reference, that member will discontinue their involvement with the SRG effective as of the end of the meeting in which the revision is presented. Any member or group wishing to no longer participate in these circumstances is not required to make a written submission stating their intent to resign, as the decision will be recorded in the notes for that meeting.

2.2 Additional amendments to the Terms of Reference

Cleanaway may change or alter the content or scope of these Terms of Reference at any time. Cleanaway will notify the SRG in writing of any change or alteration to the Terms of Reference.

3. Establishment of the SRG

The primary purpose of the SRG is to function as an active and productive channel of communication between Cleanaway, their stakeholders and the community. The SRG is an advisory group only – not a decision-making body – and operates as a regular consultative forum where representatives of Cleanaway and the community can discuss varied aspects of the BERC proposal.

TERMS OF REFERENCE

BROMELTON ENERGY AND RESOURCE CENTRE STAKEHOLDER REFERENCE GROUP MAY 2025

Cleanaway will consider comments and suggestions made by the SRG and provide responses where warranted. The SRG will be asked to provide advice on a range of issues raised by Cleanaway and members of the SRG. The SRG may make recommendations to Cleanaway, including communication of a negotiated position that reflects community members' views, for Cleanaway to consider and respond to as part of the SRG process. However, the SRG is not required to reach consensus or express unified views on matters discussed.

As developer of the BERC, final decisions regarding the proposal facilities and all operations within will always rest with Cleanaway and the relevant government regulators.

4. Objectives of the SRG

The objectives of the SRG are to:

- understand community issues and concerns relating to the BERC proposal to mitigate impacts
- identify broader community social needs and opportunities for the BERC development to align and deliver local benefits
- collect ideas on the BERC visitor centre, educational and/or community infrastructure elements
- collect feedback on the community engagement approach throughout project
- provide members with the resources and skills to share information with their community and collect feedback on behalf of the project team
- explore opportunities for the SRG to take on the role of administering the Community Benefit Fund.

5. Activities of the SRG

The activities of the SRG may include, but are not limited to:

- contributing to the discussion of various issues surrounding the environmental monitoring, safety, operational issues or future plans
- contributing to and developing ideas for community benefit and regional economic opportunities that could be realised through the BERC facility
- identifying varying viewpoints that need to be presented to the broader community
- contributing to the plan for engaging with the broader community
- contributing to any community engagement events or activities as agreed by the SRG
- contributing to the discussion of administering the Community Benefit Fund
- providing comment and community viewpoint on broader Cleanaway resource recovery initiatives, and
- representing the SRG and the broader community at relevant industry, government or community hosted events.

TERMS OF REFERENCE

BROMELTON ENERGY AND RESOURCE CENTRE STAKEHOLDER REFERENCE GROUP
MAY 2025

6. Membership

Participation in the SRG is on a voluntary basis and open to any person who lives or works in the vicinity of or has an interest in the BERC. The membership of the SRG comprises up to fifteen (15) community members representing a balance of geographical areas, interests and community networks. Other non-member attendees at SRG meetings may include, if considered necessary by Cleanaway:

- Facilitator appointed by Cleanaway
- Secretariat / note-taker
- Cleanaway Administrative Support Officer, and
- guest speakers and technical experts (if considered appropriate by the SRG).

In addition to the above, the Manager of the BERC and the Corporate Affairs Manager (or other appropriate delegates selected by Cleanaway) may attend each meeting. Other staff or specialist consultants may also be invited to attend meetings to provide comments, presentations and/or reports as required.

Representatives of state and local governments, government departments, may also be invited to be members or observers of the SRG, or to attend meetings to provide presentations and reports as required.

6.1 Appointment and term

Applications for membership of the SRG will be called through advertisements placed in local Beaudesert newspapers, Scenic Rim letterbox drop project newsletters, social media, website and other promotional activities conducted at Cleanaway's discretion.

Up to fifteen (15) SRG members will be selected that represent environmental, social and economic perspectives. If fewer than eight suitable applications are received, a SRG may still operate with fewer than eight (8) members. Cleanaway may, at its discretion, elect to discontinue or postpone the selection process if the level of community interest in participating in the SRG is considered to be insufficient.

The term of appointment for membership of the SRG is twelve (12) months with reviews pending BERC project approvals and key milestones. It may be necessary to reduce or extend this appointment period and any such variation will be reasonably determined by Cleanaway.

6.2 Attendance

SRG members are required to attend at least 75% of organised meetings during the period of appointment, measured annually on the anniversary of the relevant SRG member's membership. If the SRG meets fewer than four times per year, members are permitted one absence per year. Occasional absences in excess of this requirement will be permitted in exceptional circumstances, at the discretion of Cleanaway.

Attendance by any SRG member's delegated representative will count as attendance by that SRG member, provided the delegate is not an existing member of the SRG in their own right.

TERMS OF REFERENCE

BROMELTON ENERGY AND RESOURCE CENTRE STAKEHOLDER REFERENCE GROUP
MAY 2025

7. Responsibilities and Protocol

7.1 Responsibility of Facilitators

The role of the Facilitator (if appointed) is to run SRG meetings, with the outcome being a fair, inclusive and professional forum for community representatives and Cleanaway to come together to discuss issues of mutual interest or concern as outlined in Section 4 of these Terms of Reference.

The Facilitator agrees and is empowered to:

- facilitate SRG meetings in a fair, unbiased manner conducive to open, frank and outcomes-focused discussion
- provide all members with a reasonable opportunity to make comments, ask questions and raise issues
- set a meeting agenda plan that is relevant to the SRG's objectives and considers the interests of all members
- manage each meeting so that all agenda items are discussed within a reasonable timeframe, that discussion at all times remains focused on the agenda at hand, and that meetings start and finish as close as possible to the agreed times
- ensure the Terms of Reference are met by all members, and
- address issues and facilitate the resolution of any conflicts that might arise.

7.2 Responsibility of Cleanaway

Cleanaway is an Australian leader in the provision of resource recovery, recycling and best practice waste management solutions that support a safe and sustainable future. Its business is conducted in accordance with the requirements of all relevant legislation and regulations, licence requirements and other conditions outlined in Cleanaway Environmental and Safety Policies.

Cleanaway agrees to:

- inform SRG members of relevant developments, issues or decisions related to the facility
- encourage community comment on documents relevant to the SRG
- consider recommendations made by SRG members
- endeavour to ensure attendance of appropriate Cleanaway staff members at SRG meetings, enabling informative discussion, progression of issues and achievement of outcomes
- engage at its cost, a Facilitator and/or an administrative support officer, and provide other resources with the aim that the SRG should function professionally and effectively
- help promote the profile of the SRG within Cleanaway, the local community and relevant government agencies, and
- provide timely reporting of information and outcomes.

7.3 Responsibility of members

SRG members agree to:

- cooperate and collaborate in improving communication and consultation on matters related to BERC

TERMS OF REFERENCE

BROMELTON ENERGY AND RESOURCE CENTRE STAKEHOLDER REFERENCE GROUP MAY 2025

- attend SRG meetings and present the view of their representative community organisation and/or personal view
- willingly communicate accurate and timely information regarding SRG activities and information, reports, plans and outcomes provided by Cleanaway to their representative community organisation and/or the broader community
- review briefing documents and papers as required prior to SRG meetings
- undertake agreed actions within the specified timeframes
- recommend relevant agenda items whenever possible
- provide referral of individuals or groups to Cleanaway where a SRG member believes further information or consultation is required
- provide opportunities for communication channels which may be easily accessed by the community
- be willing to introduce or consider new and innovative ideas to assist Cleanaway to develop and grow in a sustainable manner, with due regard to the environment, the community and the economy
- treat all other SRG members and their views respectfully and with courtesy, enabling all members to be heard equally, to not speak over each other and to listen to all points of view
- refrain from any form of conduct that may cause a reasonable person unwarranted offence or embarrassment
- not use confidential information gained by virtue of membership, for the purposes of private benefit for themselves or any other person or organisation
- enable their contact details to be shared and circulated amongst SRG members, and
- abide by these Terms of Reference.

7.4 Technical presentations

Where information of a more technical nature, such as environmental issues or legislative requirements, needs to be presented to the SRG, relevant experts will be invited to present at a meeting. This may also include representatives from relevant government agencies and specialist consultancies.

7.5 Documents

If community or business members distribute their own materials to other group members or to the wider public, this information must clearly indicate that it is not official Cleanaway documentation issued by Cleanaway, and cannot imply in any way that it has been produced or endorsed by Cleanaway. It cannot include any Cleanaway logos or branding.

7.6 Differing views and consensus

The aim of the SRG is to represent a diversity of viewpoints and stakeholder issues and concerns. Therefore:

- it is not a requirement, nor it is anticipated, that consensus will always be reached among members on the issues discussed
- where group members hold a range of perspectives on a particular issue, the differing viewpoints will be noted and taken into consideration, and
- if a member believes he or she may have a conflict of interest in relation to a particular issue or item of discussion at any time, the member should make this position clear to the Facilitator or Cleanaway, who

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BROMELTON ENERGY AND RESOURCE CENTRE STAKEHOLDER REFERENCE GROUP MAY 2025

will then make a determination on an appropriate code of conduct for the member during that particular item of discussion.

7.7 Media protocol

During SRG meetings, members may from time to time be privy to certain commercially sensitive information provided by Cleanaway. When information of this nature is provided, Cleanaway agrees to make clear to all members present that the information is not to be recorded in the meeting's notes, and not to be shared with other parties outside the SRG. Members must keep this information strictly confidential and agree not to disclose the information or discuss these matters with any other entity outside the SRG.

SRG members agree not to speak to the media on behalf of the SRG or Cleanaway, or to act as a representative of the SRG or Cleanaway, but may express their own personal opinions, or those of the organization they represent, about Cleanaway facilities or operations if they so choose, provided that they make clear that such views are their own personal views or those of the organisation they represent, and not those of Cleanaway or of the SRG, and provided that they do not disclose any commercially sensitive information in the process.

If a SRG member receives an enquiry from the media requesting a comment from Cleanaway on its operations or any strategic policy matters, they agree to direct the enquiry promptly to Cleanaway's Media Liaison, who can be contacted via mark.biddulph@Cleanaway.com.au. Cleanaway will not publicly identify any SRG members in media releases without their knowledge and consent.

In the event that Cleanaway wishes to release a statement to the media regarding SRG activities, members' opinions or meeting discussions which are not included in published meeting notes, Cleanaway will seek the input of members of the SRG before the statement is released.

If the SRG believes a combined media statement would be helpful to the engagement process at any point, the SRG will endeavour to agree the content of the statement and will delegate the drafting of it, in the first instance, to a Cleanaway representative. The Facilitator or Cleanaway will act as the coordinator for media inquiries in relation to these media statements.

7.8 Resignation

SRG members may resign from the SRG at any time and are requested to announce their intent to no longer participate in the SRG in writing to the Facilitator or Cleanaway. If a representative of an organisation opts to resign membership of the SRG, the organisation may nominate a new representative or delegate as their primary representative. If an organisation opts to resign membership of the SRG altogether, they must submit their intent in writing on organisation letterhead countersigned by the organisation's current SRG representative.

If a member or group does not intend to reapply for membership when expressions of interest are called for the next 12-month term, and where there is a period of less than six months before the next call for expressions of interest, that member or group is not required to make a written submission stating their intent to resign.

7.9 Workplace Laws

Cleanaway is subject to the provisions of the Work Health and Safety Act 2011 (Cth) which imposes a duty on Cleanaway to provide and maintain as far as is practicable, a working environment which is safe and does not increase risks to staff and/or visitors.

All members of the SRG must comply with all applicable workplace relations, occupational health and safety, and workers compensation laws and Cleanaway policies and procedures relating to occupational health and safety whether notified by Cleanaway or reasonably inferred in the circumstances.

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BROMELTON ENERGY AND RESOURCE CENTRE STAKEHOLDER REFERENCE GROUP MAY 2025

7.10 Privacy

All personal contact information provided by SRG members to the SRG and/or Cleanaway will be made available to Cleanaway, or Facilitator, the administrative support officer and other SRG members in order that SRG members are contactable. Cleanaway and the SRG will only use the personal information you have chosen to provide for the purposes for which you provided it and will comply with their obligations under the Privacy Act 1988 (Cth) and all other relevant legislation in relation to privacy.

7.11 Termination of the SRG

If at any time Cleanaway no longer considers that the operation of the SRG is beneficial and worthwhile for participants, Cleanaway may, by giving three months' notice in writing to all members and the SRG Facilitator, terminate the operation of the SRG.

8. SRG Meeting Procedures

8.1 Venue

Cleanaway will arrange a local venue for meetings in Beaudesert.

8.2 Meeting frequency, timing and length

It is expected that each SRG will hold at least three (3) meetings per year. An annual timetable of meeting dates will be decided at the first meeting of the SRG and updated for the following year at the last meeting of each calendar year. The next meeting date, time and venue will be confirmed at the conclusion of each meeting. The normal preferred meeting day and commencement time will be agreed by all SRG members at their first meeting.

Cleanaway or the Facilitator may call a special or extraordinary meeting of the SRG if there is an important matter to be discussed with the group between scheduled meetings, or if there is sufficient community interest in a particular issue to warrant a dedicated meeting.

Cleanaway acknowledges that SRG members participate in the SRG in their own time. With this in mind, it is recommended that meetings do not exceed two (2) hours.

8.3 Meeting agenda

The SRG Secretariat (or another Cleanaway representative or third party delegated by Cleanaway) will prepare and distribute an agenda to SRG members at least seven (7) days prior to each meeting. The agenda will be prepared with consideration of:

- regular agenda items including agreement on previous minutes, report back on actions, site and environmental reports, exception reporting, community feedback reports, etc.
- items proposed by Cleanaway regarding developments at the site, issues and events; and
- items proposed by SRG members.

8.4 Minutes of meetings

The SRG Secretariat (or another Cleanaway representative or third party delegated by Cleanaway) will take minutes at each meeting. The minutes will summarise the discussion that occurred, agreements made and actions to be undertaken.

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BROMELTON ENERGY AND RESOURCE CENTRE STAKEHOLDER REFERENCE GROUP MAY 2025

Minutes will not be a verbatim record of discussion. Attribution of comments to individuals will be recorded unless SRG members agree that they do not want this to take place. Any member may request that a specific comment they make be recorded anonymously by making their request to the Facilitator during the meeting.

Draft minutes, together with copies of any technical presentations, will be distributed to all SRG members no later than one (1) week after each meeting. A public copy of the draft minutes, with names removed (but initials remaining), will be placed on the Cleanaway website and thus made available to the broader community. The minutes will be formally agreed upon at the next meeting and any identified inaccuracies will be corrected.

8.5 Actions and timeframes

Actions agreed to be undertaken by the Facilitator, SRG members and Cleanaway staff will be captured in the minutes, together with agreed timing for delivery and/or implementation. All parties are generally required to undertake those actions to which they have agreed within the timing specified unless a reasonable explanation for the delay is given.

A report back on actions will be a standing agenda item at SRG meetings. All parties will be required to report back on the actions assigned to them. If unable to attend a SRG meeting, the member should either provide the report for presentation to the SRG by another member or delegated representative, or to the Facilitator prior to the meeting.

Outstanding actions will be noted in the minutes and a written response shall be included in the minutes or the action item will be carried over to the following meeting.

8.6 Resourcing of SRG

Cleanaway will fund the conduct of SRG meetings, including venue hire (where applicable) and provision of refreshments.

If deemed necessary by Cleanaway, Cleanaway will also be responsible for the following:

- appointing a Facilitator
- provide and fund an Administrative Support Officer and/or note-taker to prepare and distribute meeting agendas, attend and take minutes of meetings, prepare and distribute draft minutes of meetings and provide other administrative services as required.

9. Breach of these Terms of Reference

If a SRG member breaches these Terms of Reference, particularly in regard to communication with the wider community, Cleanaway or the Facilitator may, exercising reasonable discretion, revoke the membership of the SRG member.

Should such a course of action be taken, Cleanaway will ask a member in writing to give reasons for his or her continued membership of the SRG. The member's written response will be reviewed by Cleanaway and the Facilitator in order to determine whether or not the membership should continue. If either Cleanaway or the Facilitator are not satisfied with the member's response, they may revoke the membership. That member's position will remain vacant until the next time Expressions of Interest are called, at which point the member will be eligible to re-apply for a position in the SRG.

-ENDS-

A.8 Stakeholder Reference Group meeting summaries (including presentation slides)



Bromelton Energy and Resource Centre Stakeholder Reference Group

Meeting #1 | 23 July 2025



Acknowledgement of Country

Cleanaway acknowledges the Traditional Owners of the lands on which we operate and in the communities in which we exist. Today we are discussing land under the custodianship of the Mununjali people.

We celebrate the diversity of Aboriginal peoples and their ongoing cultures and connections to the lands and waters of this country.

We are proud to pay our respects to Elders past, present and future, for they hold the traditions and the cultures, and together we hold the hopes of a truly reconciled Australia.

Agenda

1. Welcome and introductions
2. Role of the Stakeholder Reference Group
3. About Cleanaway
4. About the Bromelton Energy and Resource Centre proposal
5. Process and program
6. Communication and engagement advice
7. Future SRG meeting topics
8. Actions and close

Welcome and introductions

Housekeeping

1 minute intros: name, where you are from, areas of interest about the project

Role of the Stakeholder Reference Group

The SRG is an advisory group - a regular consultative forum where representatives of Cleanaway and the community can discuss varied aspects of the BERC proposal.

The SRG supplements the broader community engagement program – public displays and info sessions in September / October 2025 and in early 2026.

The SRG is guided by the Terms of Reference – all members to agree to participate in the SRG.

Agreed behaviours

Let's respect each other

Listen to understand different points of view

Courtesy and kindness

Keep to time and the agenda

Anything we can't answer or get to today: follow up with information post meetings / next meetings

About Cleanaway



335 active sites



135+ licensed
infrastructure assets



5,900+
vehicles in the fleet



140+
council relationships



132K+
business customers



7,900+
employees



\$3bn
Net Revenue

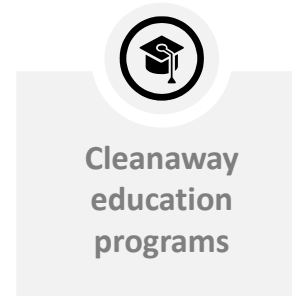
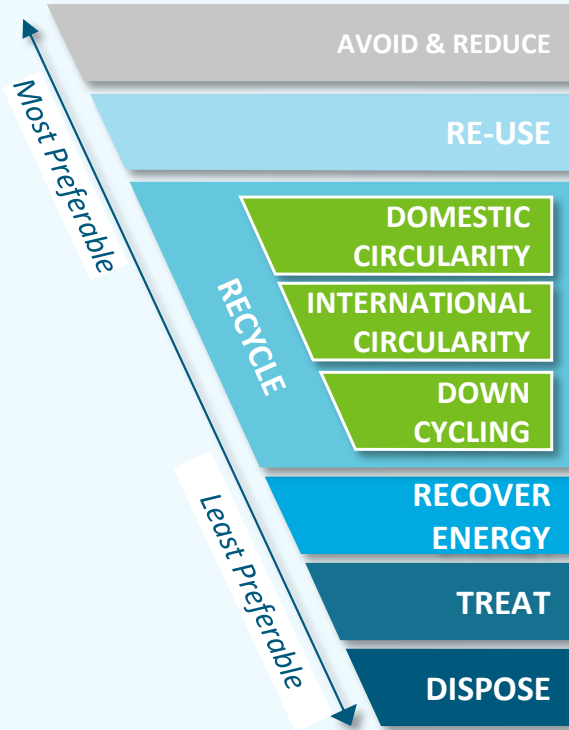


\$ 5bn
market capitalisation

1

Australia's **leading**
waste management
company

Waste hierarchy



Queensland Government Waste Management and Recovery Strategy

Vision

Queensland will become a zero-waste society, where waste is avoided, reused and recycled to the greatest extent possible. Strategic investment in diverse and innovative resource recovery technologies and markets will produce high-value products and generate economic benefits for the state.

- Three core priorities:
 - building economic opportunity
 - reducing the impact of waste on the environment
 - transitioning to the principles of a circular economy to help retain the value of material in the economy for as long as possible
- In 2017–18:
 - Queensland produced nearly 11 million tonnes of waste, with the increase in waste generated over the last decade outstripping population growth by 19 per cent.
 - 4.9 million tonnes of resources recycled or recovered, or around 45 per cent of waste generated. This is below the national average of resource recovery performance across all Australian jurisdictions, and well below those states with the highest recycling rates.

Snapshot of waste in Queensland

In 2017–2018 ...



Targets for 2050

- 25% reduction in household waste
- 90% of waste is recovered and does not go to landfill
- 75% recycling rates across all waste types

Queensland Government Energy from Waste Policy

The BERC proposal is being developed in accordance with Qld Government's Energy from Waste Policy

The policy:

- Supports diverting waste that can't be reused or recycled from landfill
- Supports transition towards circular economy
- Contributes to commitment for renewable energy targets
- Outlines technical, environmental, regulatory, and social or community outcomes for proponents of EfW facilities to achieve
- Advises locating facilities in appropriate locations with other industrial / circular economy opportunities
- Sets environmental protection requirements: Best Available Techniques Reference Documents (BREFs) from European Commission
- Guides assessment of EfW proposals – environmentally relevant activity (ERAs)
- Gives community engagement advice

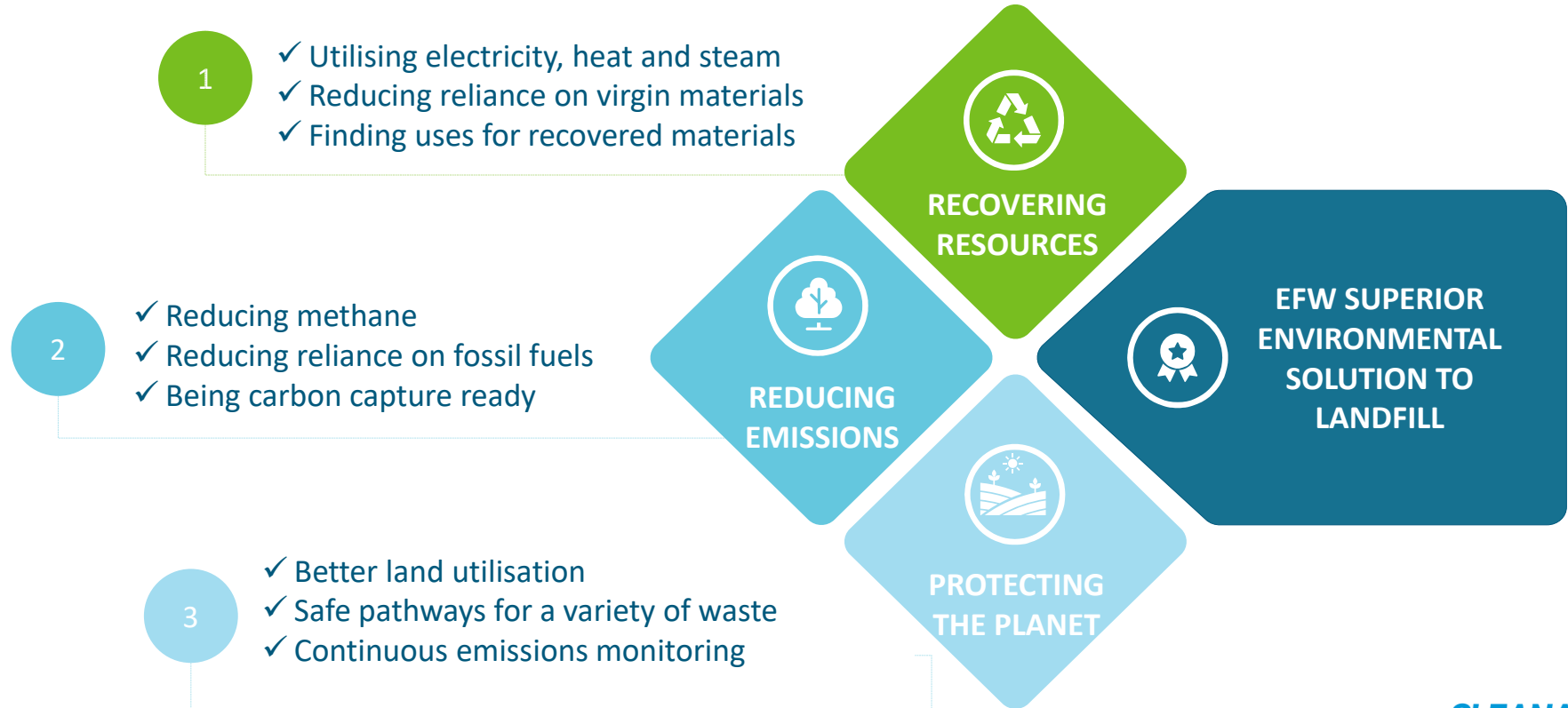


Energy from Waste Policy
Queensland



CLEANAWAY

Energy from Waste



Circular precinct vision

*A connected industrial **ecosystem** that **shares energy and materials**, driving **circularity** and **sustainability** through **industrial symbiosis**.*



Maximise
**resource
recovery**



**Emission
reduction** for
partners



Shared, scalable
infrastructure



Reduce system
wide **energy loss**

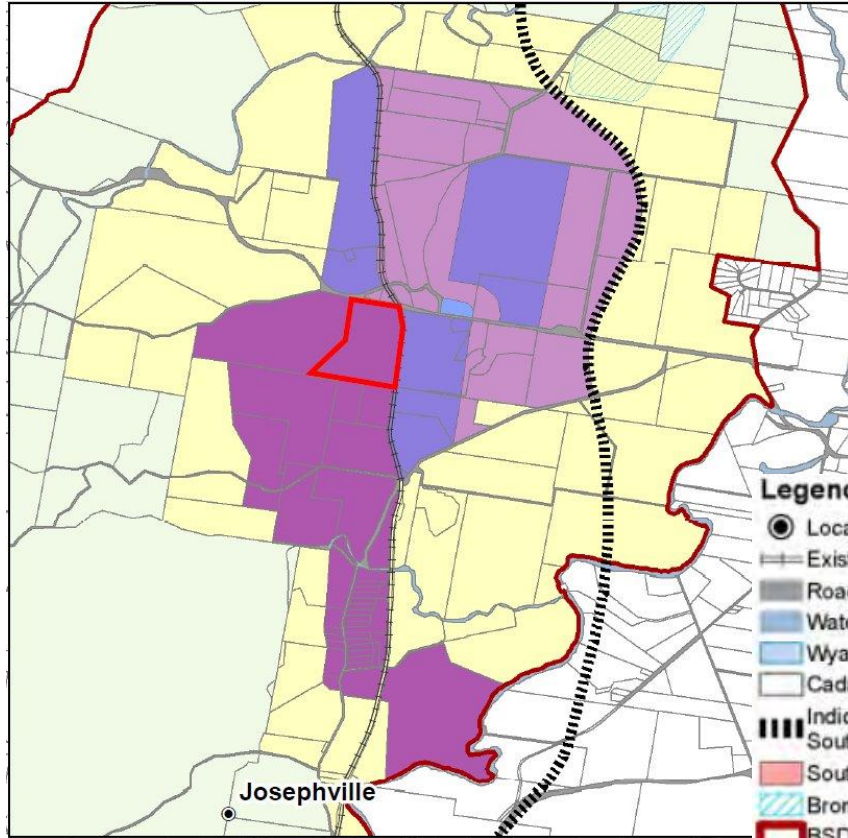


Improve **thermal
efficiency**

About the Bromelton Energy and Resource Centre (BERC)

- The site and the State Development Area
- Queensland Government application process
- Planning assessments
- How the technology works
- BERC site plan
- Jobs and local business suppliers

Bromelton State Development Area (SDA)



- Managed by the Coordinator-General, the Bromelton SDA supports economic development in a way that considers environmental, cultural and social issues as well as existing industry and surrounding infrastructure within the region
- Declared in 2008
- Approximately 15,610 hectares
- Located within Scenic Rim Regional Council area, approximately 6km west of Beaudesert and 75km south of Brisbane

Legend

- Localities
- Existing rail
- Roads
- Waterways
- Wyaralong Dam
- Cadastral boundary
- Indicative Bromelton North South Arterial Road
- Southern Freight Rail Corridor
- Bromelton Offstream storage
- BSDA boundary

Bromelton SDA precincts

- Bromelton Local Service Centre Precinct
- Medium – High Impact Industry Precinct
- Rail Dependant Industry Precinct
- Rural Precinct
- Special Industry Precinct
- Transition Precinct



About the SDA

- Industries already established in the Bromelton SDA:
 - SCT Logistics - intermodal rail freight facility and warehouses
 - GELITA Australia Pty Ltd - manufactures gelatine which is sold as edible gelatine for food industry uses
 - A.J. Bush and Sons Pty Ltd - rendering industry producing protein meal and tallow
 - Beaudesert Central Waste Management Facility - a waste transfer station operated by the Scenic Rim Regional Council
 - Bromelton Quarry - supplies blue rock to the regional area
 - The Neilsen Group quarry - supplying general quarry and gravel products to the regional area
 - Quickcell Technology Products Pty Ltd - manufacturers of prestressed and precast concrete products.



The Coordinator-General assesses and decides all SDA applications as part of the development assessment framework

Specialist consultant team

We've engaged consultants who are leading experts in their fields. These include engineers, environmental scientists, human health scientists, and researchers.



Environmental (Lead) &
non-process engineering



Town planning & approvals



Cultural heritage



Waste-to-energy
technology & engineering



Land & groundwater



Air quality



Human health



Waste flow



Community engagement



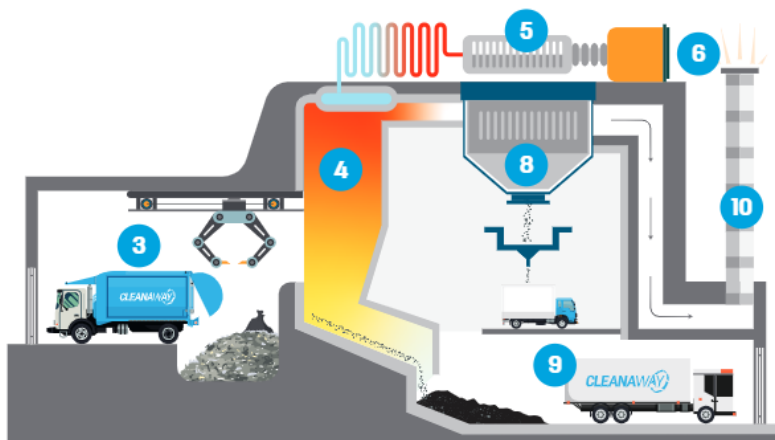
Assessments

Extensive assessments are being conducted as part of the planning proposal:

- Cultural Heritage
- Bushfire Risk
- Ecology
- Groundwater and Hydrogeology
- Policy Overview
- Waste Feedstock
- Waste Management
- Technical Process Description
- Air Quality & Odour
- Noise/Vibration
- Human Health
- Traffic Impact Assessment
- Hydrology, Flood & Surface Water Impact Assessment
- Greenhouse Gas & Climate Change
- Socioeconomic
- Sustainability Management Plan
- Visual Impact

How does it work?

BROMELTON
ENERGY & RESOURCE
CENTRE Powered by CLEANAWAY



- 1 At home and work, we sort our waste into recyclable and non-recyclable items.
- 2 Before arrival at the energy from waste facility, residual waste that has been sorted at home and work is delivered to the facility.
- 3 In the bunker, waste is mixed, ensuring consistency, by large crane claws before placement into the combustion chamber.
- 4 Waste is combusted as it moves along a moving grate. The temperature in the combustion chamber reaches more than 850°C to ensure that waste combusts completely while also destroying organic pollutants and odour.
- 5 Water is heated during combustion creating steam which turns a turbine.
- 6 Baseload electricity is generated.
- 7 Electricity is put back into the grid and used to power homes and businesses.
- 8 Gases created during combustion pass through a multi-step flue gas treatment system, removing pollutants from the gases. Residues from the flue gas treatment are collected in a sealed system for treatment before disposal.
- 9 Bottom ash from the combustion process is collected and stored. Metals are recovered for recycling. It is intended that the remaining bottom ash is sent for reuse in construction.
- 10 Cleaned gases and steam are dispersed high into the atmosphere, mixing well to ensure no impact on surrounding air quality.



HAVE QUESTIONS OR REQUIRE TRANSLATION SUPPORT?

Phone: 0497 058 676

Email: efw.bromelton@cleanaway.com.au

Website: cleanaway.com.au/location/bromelton-energy-and-resource-centre

CLEANAWAY

Energy from Waste technology



Fly through animation

About the BERC facility

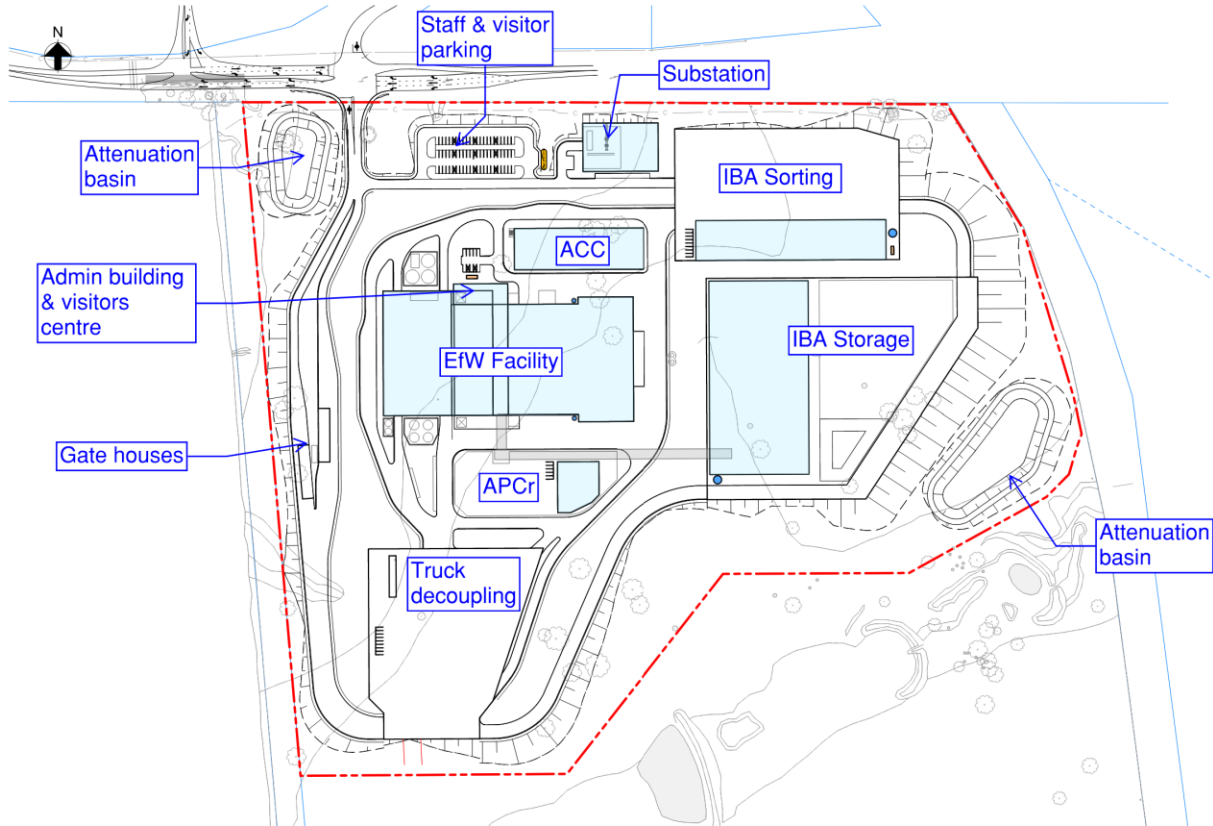


Lot 1 Beaudesert-
Boonah Road,
Bromelton

62 hectares



About the BERC facility



Site plan still under development

Indicative example

Jobs and local business opportunities

Construction workforce

Roles	No.	Description
Skilled trades	600	This will include Riggers, Electricians, Instrument technicians, Scaffolding and Pipe fitters
General workforce	100	Plumbers, Welders, Carpenters
Project Management	20	Project Engineers, Health and Safety, Quality Assurance/Control, Construction and Commissioning
Engineering	25	Discipline engineers and designers to support changes and commissioning at site
Administrative	5	Document Control, Site administration
Temporary	50	Domestic support, fencing contractors, security, supply chain
Total Resources	800	

Jobs and local business opportunities

Operation workforce

Roles	No.	Description
Operations	25	This is for the required operators at site based on a roster system
Maintenance	17	This is required to maintain the plant to ensure safe operations and will be based on a roster system.
Project Management	5	This is the Organisation that will be responsible for the effective running of the facility to meet the various conditions and compliance, Senior Executives, Technical, Operations and Maintenance leadership.
Engineering	2	Discipline engineers to support the operations and maintenance activities
Administrative	1	Document Control, Site administration
Total Roles	50	

Local business suppliers

- Scaffolding
- Spare parts
- Consumables
- Industrial cleaning
- Gardening
- Fabrication

Process and program



What we heard from the community in 2023:

- Traffic and truck movements
- Environmental impacts: air quality & odour
- Sustainable water consumption
- Local employment & training opportunities
- Benefits to local economy
- Other local waste hierarchy initiatives
- Energy production & reduced energy costs

How we engage

Next round of wider community engagement in September / October 2025:

- Newspaper ads
- Social media
- Project website
- Fly-through visualisation
- Danngan Balun applicant consultation
- Newsletter letterbox drop
- Beaudesert Show stand
- Info sessions – The Centre and online
- Fact sheets – summaries of the technical assessments
- Local business event

Other ways to engage?

Future SRG meetings

Next meeting: early September

- Environmental assessment results
- Site plan
- Training and employment opportunities
- Aligning community needs and BERC opportunities

What do you want us to cover in future meetings?

Actions and close

- Summarise actions
- Meeting minutes distributed and on website
- Next meetings: September 2025; November 2025

Website links:

[Bromelton State Development Area | State Development, Infrastructure and Planning](#)

[Current Waste Management and Resource Recovery Strategy | Environment, land and water | Queensland Government](#)

[Energy from Waste Policy | Environment, land and water | Queensland Government](#)

[Bromelton Energy and Resource Centre | Cleanaway](#)

Bromelton Energy and Resource Centre Stakeholder Reference Group Meeting #1 Summary

Date:	July 23, 2025	Time:	5.30pm – 7.00pm
Venue:	The Centre, 82 Brisbane Street, Beaudesert		
Facilitator:	Dana Burrows, Engagement Lead, Arup		

Attendees:	SRG members Cr Jennifer Sanders John Powell David Kassulke Bel Brown Brendan Dever Cliff Portch Donna Kirk Cass Wain Lizz Hills Clint Spence Alison Shaw Robyn Keenan Val Salama Cathy Mitchell Emma Thomson Julie Jackson Marion Sawyers	Peter Geoffrey Lugg
		Project team Ricky McNally, Program Director – Energy from Waste, Cleanaway Michael Hartley, Head of Energy from Waste, Cleanaway Anna Stewart, Project Manager, Arup Apologies Steve Craven Michael Gilder Carly Williams Nicole Thompson

Refer presentation slides

Discussion topics	Actions
Acknowledgement of Country, welcome and introductions – including key areas of interest	
Role of the Stakeholder Reference Group; Terms of Reference for all participants; agreed behaviours at meetings	
About Cleanaway and the waste hierarchy; Queensland Government strategy and policy; why EfW in waste management; circular precinct vision	More discussion at future meetings about waste sources, sorting, make up of residual waste Question on notice: what is the percentage of waste that goes to different Cleanaway facilities (recycling, landfill)?

About the Bromelton Energy and Resource Centre proposal; the State Development Area and neighbours; specialist consultants working on the proposal; the technical assessments that make up the proposal

How EfW facilities work

More discussion at future meetings about detailed operations, volumes and process – specific to BERC facility.
Key interest areas: water requirements and sources, incinerator bottom ash (IBA) processing and uses; air pollution control residue (APCr) disposal; emissions monitoring and processes.

Process and program

More information at future meetings about Office of Coordinator General process and consultation / public notification period on planning submission.

Post meeting feedback from SRG to be requested via email about:

- communication and engagement advice – what ways can we provide information and seek feedback (refer to current approach within slides)
- future SRG meeting agendas and topics

SRG members to email suggestions

Actions and close

Slides and meeting summary to be distributed to members and published on BERC website.

Meeting ended at 7.10pm



Bromelton Energy and Resource Centre Stakeholder Reference Group

Meeting #2 | 4 September 2025



Acknowledgement of Country

Cleanaway acknowledges the Traditional Owners of the lands on which we operate and in the communities in which we exist. Today we are discussing land under the custodianship of the Mununjali people.

We celebrate the diversity of Aboriginal peoples and their ongoing cultures and connections to the lands and waters of this country.

We are proud to pay our respects to Elders past, present and future, for they hold the traditions and the cultures, and together we hold the hopes of a truly reconciled Australia.

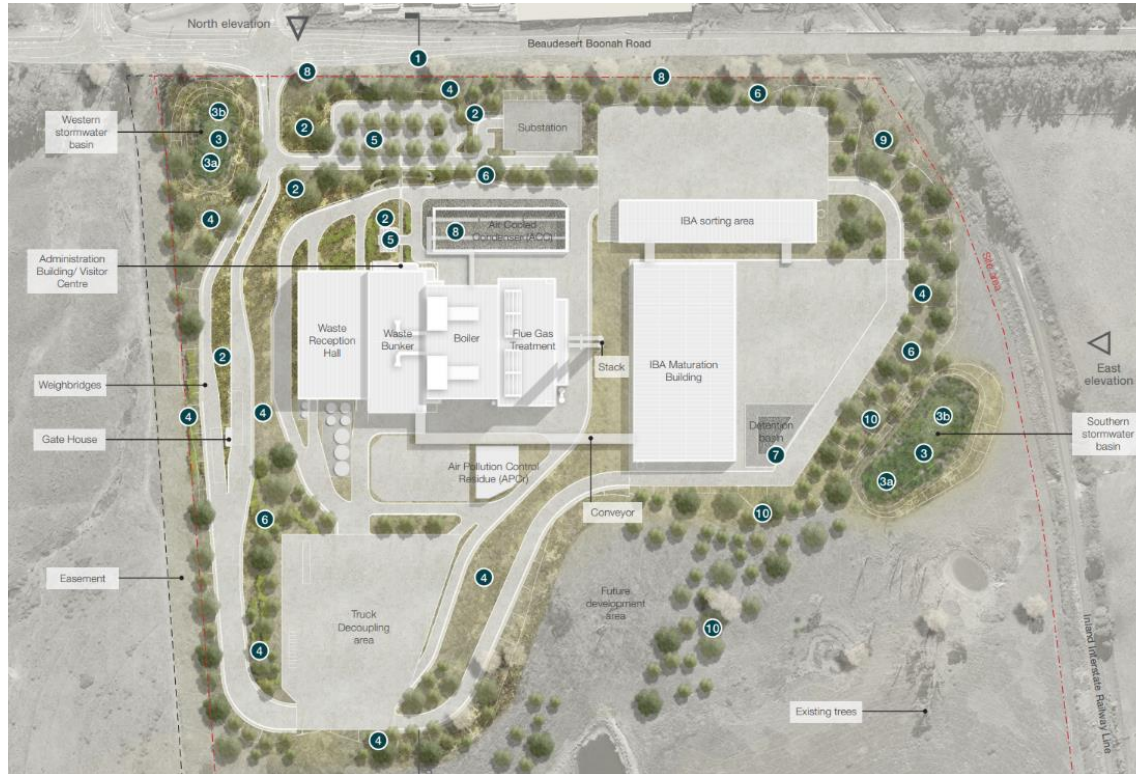
Agenda

1. Welcome and introductions
2. Project update
3. BERC site plan & animation
4. Facility outputs – specialist presentations
Paul Visser, Blue Phoenix: bottom ash and uses
Natalie Shaw, Katestone: air quality and emissions controls
5. Responses to previous queries
6. Future SRG meeting topics
7. Actions and close

Project update

- Technical assessments are being updated based on a facility capacity of 760,000 tonnes of residual waste per year (12% of total waste sent to landfill in Queensland)
- Generate 73 megawatts of electricity – enough to power 105,000 homes
- On target for planning application submission to Queensland Government in early 2026
- Consultation in September 2025:
 - Provide latest information available about the proposed facility – size, layout, capacity, resources recovered, transport
 - Encourage feedback about potential issues to mitigate and opportunities for locals (online survey, info sessions)
- More consultation in 2026 (timing to be confirmed by Office of Coordinator-General):
 - Share technical assessments and reports

Updated site plan



- 1 Arrival:** formal access to the facility.
- 2 Accent planting:** the planting design assists with directing users to the visitor centre upon arrival to the site. This includes a dense understorey of native grasses and herbaceous plants which express seasonal variance in colour and texture. The palette references the rolling eucalyptus grasslands and hillsides of the Logan River floodplain, characteristic of the Bromelton area. This palette occurs at key arrival points including visitor centre area and at the main facility building administration area including along visitor travel route within the facility.
- 3 Combined treatment and detention basins:** comprised of a bioretention basin (3a) and an on-site detention basin (3b) and planted with riparian vegetation including sedges, grasses and rushes to support improving water quality and habitat creation where possible. The bioretention basin functions as an ephemeral wetland, supporting bioremediation and water infiltration.

- 4 Screening:** comprises a mix of regionally specific trees and large shrubs which visually integrate the facility into the landscape and mitigate visual impacts to receptors.
- 5 Car park:** provide shade and improve visual amenity by maximising tree planting opportunity.
- 6 Landscape treatment within the facility:** trees with understorey of native grasses and herbaceous species for amenity and shade. Trees and tall shrubs are not proposed to areas identified for future works.
- 7 Shaded/maintenance areas:** loose gravel mulch is proposed to areas not suitable for planting to establish, such as shaded areas under heavy equipment and narrow areas of road median.
- 8 Northern boundary:** infill tree and shrub planting between existing trees to further screen facility and reduce visual impacts to road users and adjacent property.
- 9 Bushfire sensitive areas:** lower fuel load tree species with softscape treatments in accordance with *Landscaping for Bushfire* (2022) CFA.
- 10 Early planting:** of perimeter screening vegetation mix to south-west embankments.

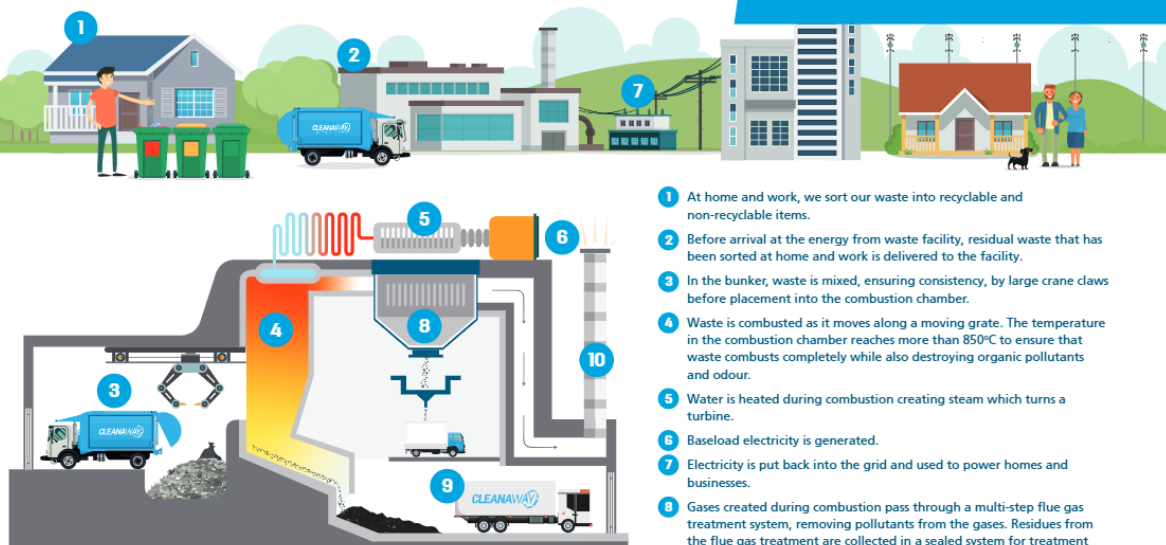
BERC animation



Deep dive topics: facility outputs

How does it work?

**BROMELTON
ENERGY & RESOURCE
CENTRE** Powered by CLEANAWAY



Specialist presentations on

- Incinerator bottom ash – treatment and use
- Flue gases – process and treatments

Deep dive into APCr next meeting



HAVE QUESTIONS OR REQUIRE TRANSLATION SUPPORT?

Phone: 0497 058 676

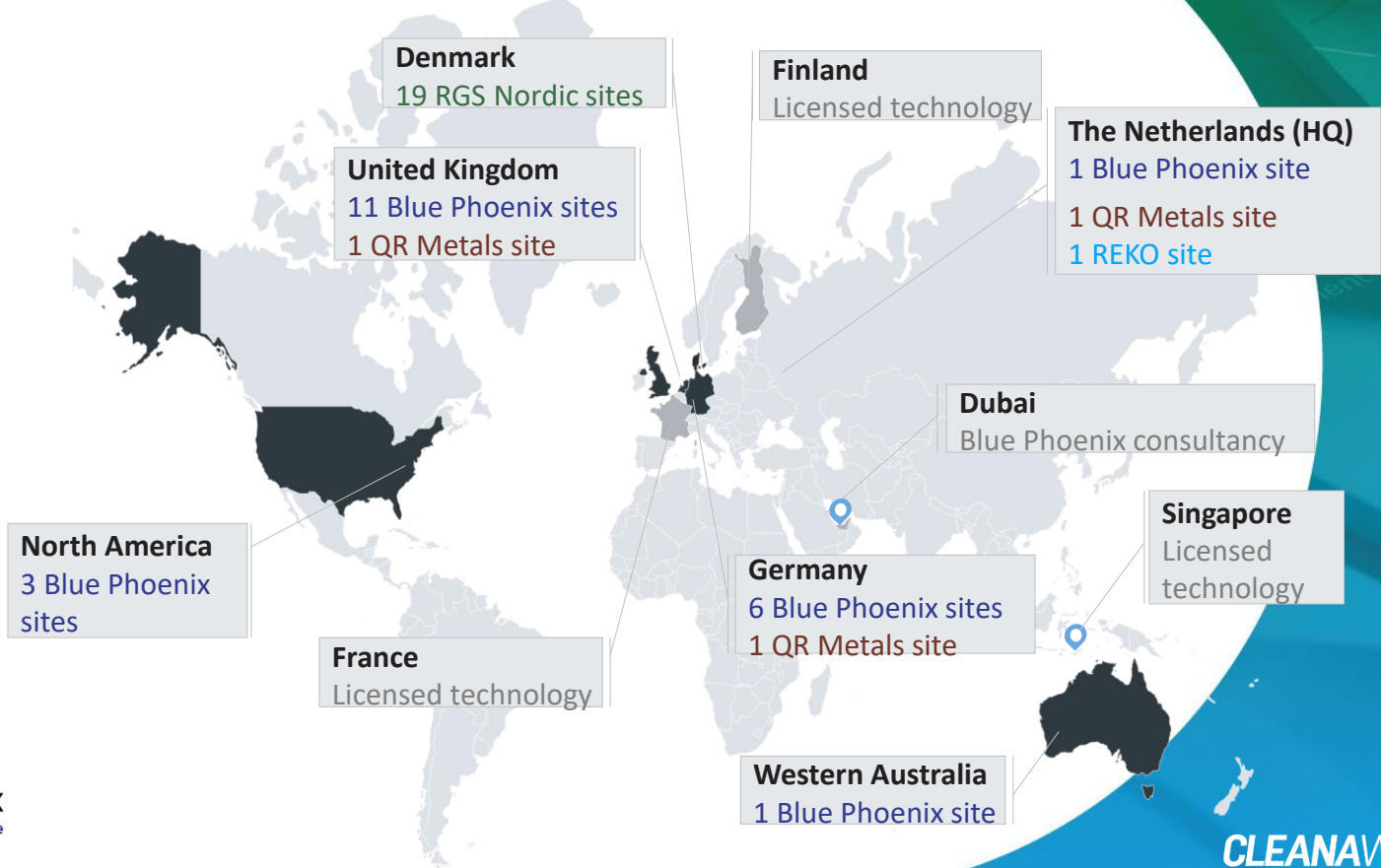
Email: efw.bromelton@cleanaway.com.au

Website: [cleanaway.com.au/location/bromelton-energy-and-resource-centre](https://www.cleanaway.com.au/location/bromelton-energy-and-resource-centre)

CLEANAWAY

Global Presence of Blue Phoenix

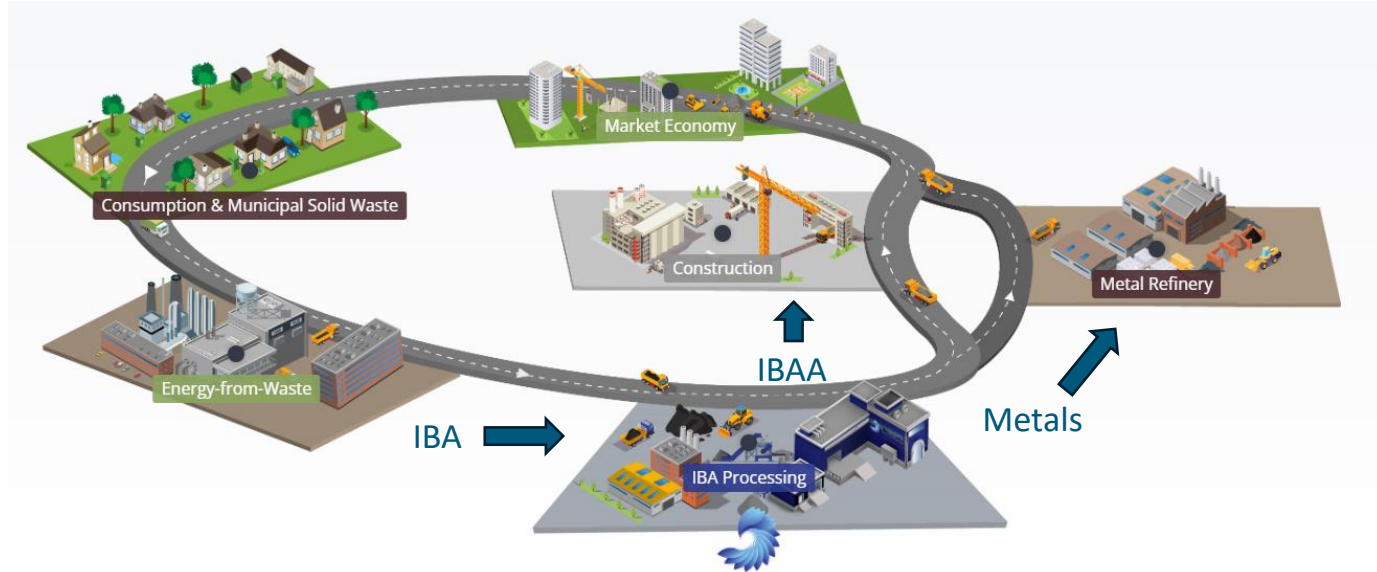
- Headquarters in Rotterdam - Offices in EU, UK, USA, AU, UAE
- Over 25 years of experience
- > € 1 Billion Annual Revenue
- > 5 million tonnes per annum IBA processed globally



Blue Phoenix
Building a sustainable future

CLEANAWAY

Bottom Ash to Product – Blue Phoenix

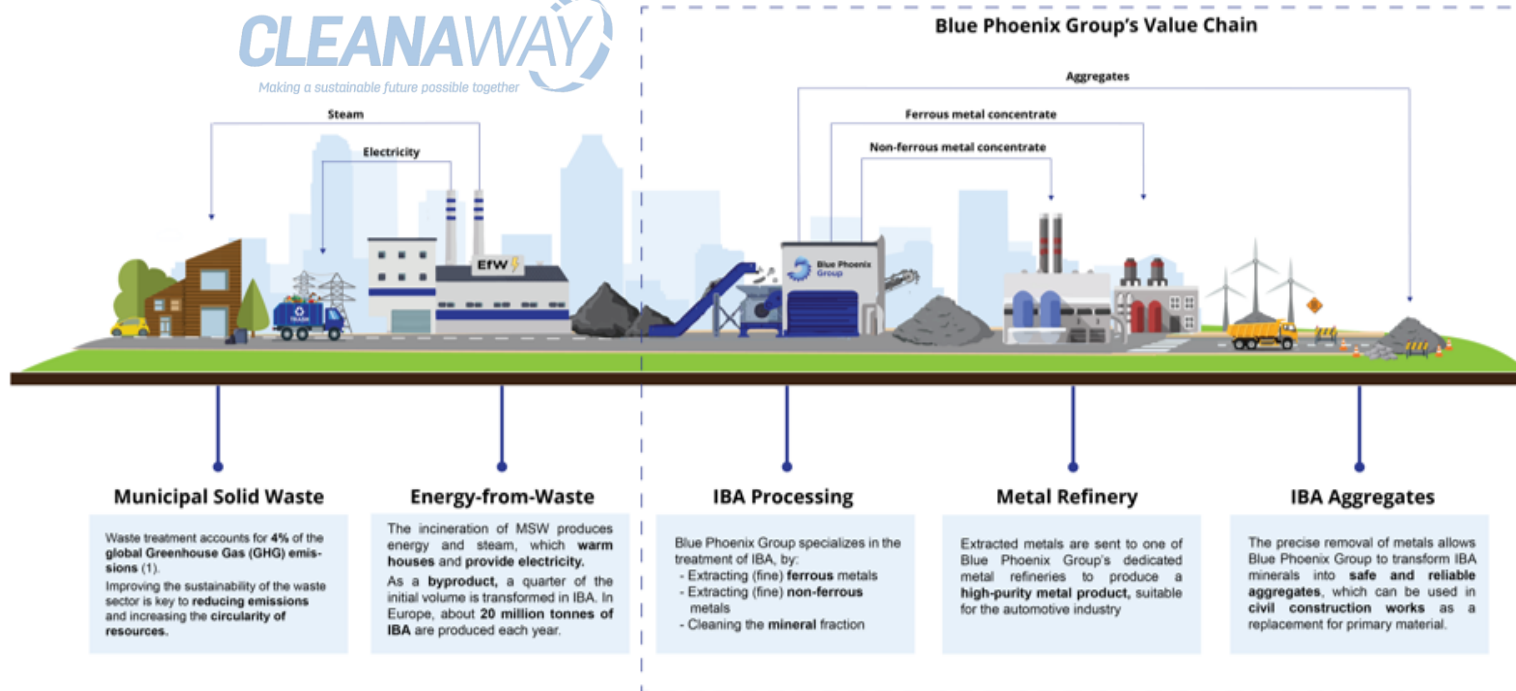


We support the global circular economy strategies, and we understand that we can't achieve our sustainability goals alone.

That's why we collaborate closely with EfW Plant Operators, Policymakers, Regulators, Engineers, and Scientists.

We serve the IBA market (upstream of our value chain) by helping our EfW partners handle their IBA in a compliant and sustainable responsible manner. Downstream, our value chain, we serve the metals and construction materials markets by providing them with key, low-carbon alternative products/materials.

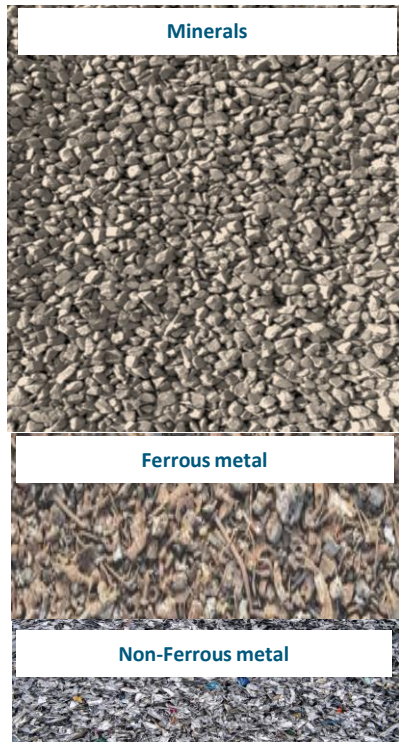
Bottom Ash to Product – Blue Phoenix



Blue Phoenix
Building a sustainable future



Pathways for Product Use – Blue Phoenix



Global Average

c. 85%

Processing solution

c.10-12%

Optimized metal recovery

c.2-3%

Advanced fine metal sorting

Closing the loop & landfill avoidance



Road construction

Concrete sector



Steel products



Automotive



Electronics

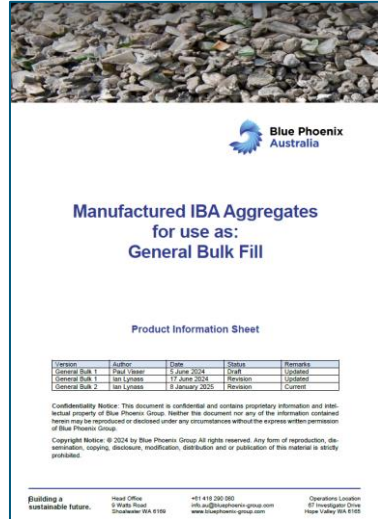


Blue Phoenix
Building a sustainable future

CLEANAWAY

Pathways for Product Use – Blue Phoenix

Product Data Sheets



Blue Phoenix Australia

Manufactured IBA Aggregates for use as: General Bulk Fill

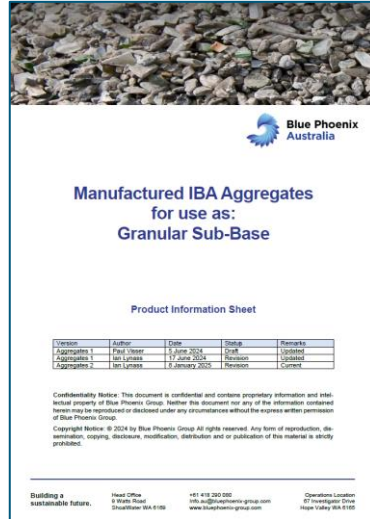
Product Information Sheet

Version	Author	Date	Status	Remarks
General Bulk 1	Paul Vasey	1 June 2024	Draft	Updated
General Bulk 1	Neil Lysons	17 June 2024	Revision	Updated
General Bulk 2	Neil Lysons	2 January 2025	Revision	Current

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Blue Phoenix Australia

Manufactured IBA Aggregates for use as: Granular Sub-Base

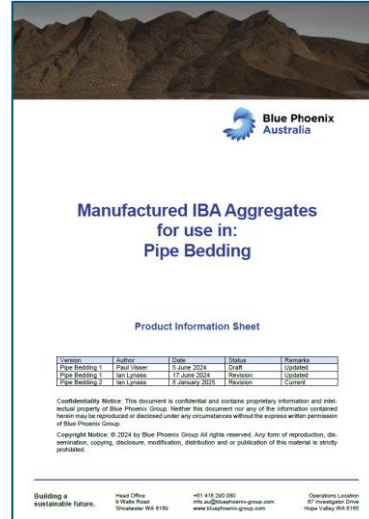
Product Information Sheet

Version	Author	Date	Status	Remarks
Aggregates 1	Paul Vasey	1 June 2024	Draft	Updated
Aggregates 1	Neil Lysons	17 June 2024	Revision	Updated
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Blue Phoenix Australia

Manufactured IBA Aggregates for use in: Pipe Bedding

Product Information Sheet

Version	Author	Date	Status	Remarks
Pipe Bedding 1	Paul Vasey	1 June 2024	Draft	Updated
Pipe Bedding 1	Neil Lysons	17 June 2024	Revision	Updated
Pipe Bedding 2	Neil Lysons	2 January 2025	Revision	Current

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Blue Phoenix Australia

Manufactured IBA Aggregates for use in: Non-Structural concrete

Product Information Sheet

Version	Author	Date	Status	Remarks
Non-Str. Conc 1	Paul Vasey	1 June 2024	Draft	Updated
Non-Str. Conc 1	Neil Lysons	17 June 2024	Revision	Updated
Non-Str. Conc 2	Neil Lysons	2 January 2025	Revision	Current

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IBA Testing – Blue Phoenix

- ✓ Testing to confirm non hazardous – weekly basis at WA
- ✓ Physical testing against MRWA 501 indicated IBAA suitable for sub-road base applications, allowing for interpretation of the aggregate type within the defined materials
- ✓ Leachability testing
- ✓ Aggregate behaviour in the cement matrix and mix ratios provides suitability for concrete aggregate for construction purposes
- ✓ Testing for engineering purposes by AS 2758.1 and AS 1289 indicate majority of test parameters within acceptable range including
 - ✓ Particle size distribution
 - ✓ Shape
 - ✓ Texture and Density
 - ✓ Water Absorption, and
 - ✓ Cleanliness



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Dust Monitoring at WA – Blue Phoenix

- ✓ On site dust monitoring equipment at various locations
- ✓ Weekly testing and analysis by independent laboratories
- ✓ Part of WA government operating requirements
- ✓ Results are well below the relevant air quality guideline acceptable criteria values
- ✓ Characterisation of critical parameters within risk to human receptor levels
- ✓ There is negligible to low risk to any of the Department of Water and Environmental Regulation (DWER) human identified receptors



100,000 Tonnes
IBA Capacity per year



76,000 Tonnes
Secondary aggregates circled back to the economy



20,000 tonnes
Metals extraction per year

Blue Phoenix

Contact Details:

Paul Visser

Commercial Development Manager – Australia

paul.visser@bluephoenix-group.com

Website: bluephoenix-group.com

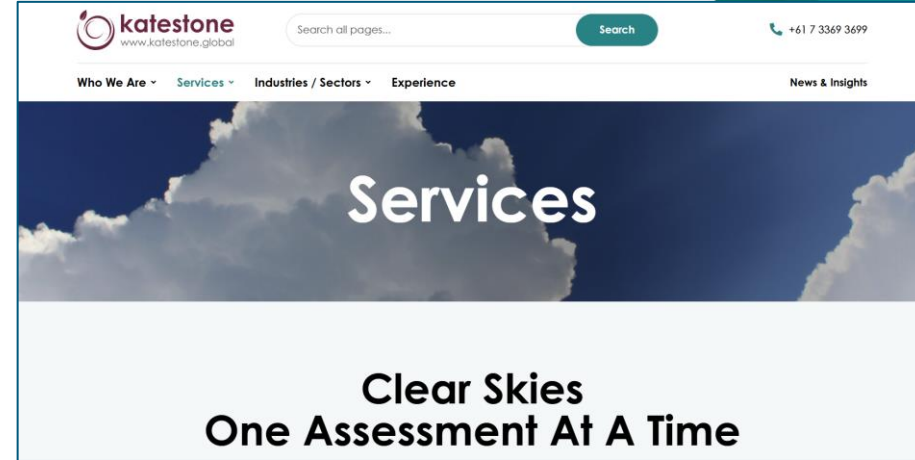


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Natalie Shaw, Katestone

- Katestone's expertise lies in assessing the impacts of emissions to air (including air quality, odour and greenhouse gases) and analysing the effects of climate and climate change on projects and facilities.
- Katestone's fit-for-purpose studies have been instrumental in supporting numerous developments, enhancing operations, and mitigating risks across various sectors of the economy.
- <https://katestone.global/services/>
- Contact: Natalie Shaw natalie.shaw@katestone.com.au



Air quality controls – Natalie Shaw, Katestone

Primary Air Emissions Control:

- Process design
- Automated combustion controls to control flue gas temperature and combustion
- Odour control
 - Tipping hall maintained under negative pressure
 - Odorous compounds destroyed in boiler

Secondary Air Emissions Control:

- All controls are in line with Best Available Technology (BAT)
 - Selective Non-Catalytic Reduction (SNCR)
 - Semi-dry scrubber with recirculation (with no scrubber effluent/wastewater)
 - Baghouse filter
 - Continuous emissions monitoring (CEM) of key pollutants
- Odour control
 - Tipping hall will have secondary odour control system activated during stand still
 - Equipped with an active carbon filter to eliminate odour

The stack is designed to maximise mixing in the atmosphere due to the height, temperature and speed of the air as it leaves the stack

Air quality assessment – Natalie Shaw, Katestone



Construction



Operations
Routine and upset conditions



Assessing against air quality
standards, guidelines and
objectives

Air quality modelling – Natalie Shaw, Katestone



Terrain
Land use
Sensitive receptors



Existing emission sources
Ambient monitoring data
Proposed facility's emissions



Meteorological modelling to simulate
three-dimensional wind field using
synoptic data and local meteorological
data

Air quality modelling – Natalie Shaw, Katestone

- Dispersion model simulates how these emissions would be dispersed into the environment from the stacks
- Predict ground level concentrations of pollutants at receptors:
 - Commercial
 - Residential
 - Matters of National Environmental Significance
- Predict ground-level concentrations of pollutants across a 20km by 20km domain
- Compare with Queensland guidelines:
 - *Environment Protection (Air) Policy 2019*
 - *Environment Protection (Air) Amendment Policy 2024*

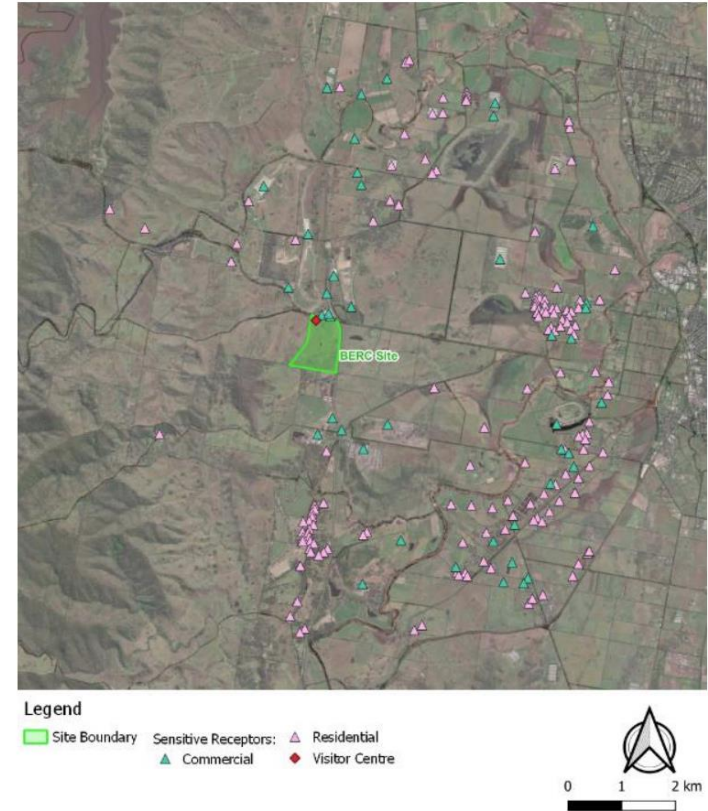
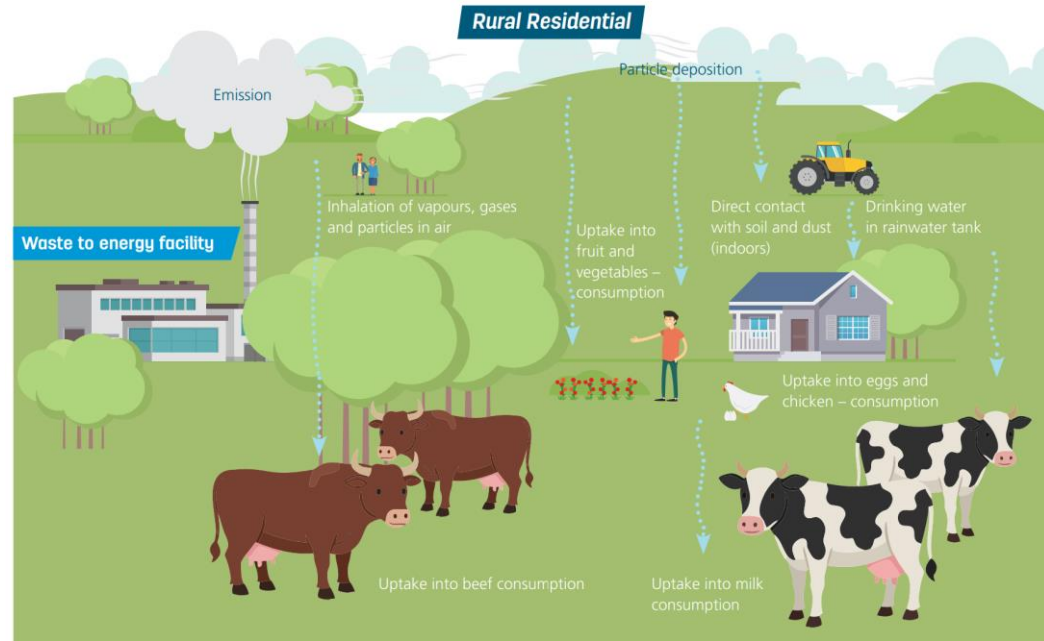


Figure 8 Selected sensitive receptors

Human health assessment

- As part of the planning application a detailed human health risk assessment will be completed (currently underway by specialist consultants, Enrisk)
- This assesses multiple ways emissions from the stack can be exposed to humans like:
 - Breathing in gases and particles
 - Contact with soil or dust
 - Drinking rainwater
 - Eating locally grown produce (fruit, vegetables, meat, milk, eggs)
- The BERC design will ensure all potential exposures are well below health risk thresholds
- ***This assessment will be made available to the public in 2026 for review and consultation***



Responses to questions from SRG #1

Due to time constraints, this section was not discussed at SRG #2 – for future meeting discussion

1. What makes up residual waste?
2. What percentage of waste goes to different Cleanaway facilities? (recycling, landfill)
3. Site selection
4. Water supply to the BERC
5. Transport and traffic volumes
6. Office of Coordinator-General process and consultation
7. Workplace health & safety

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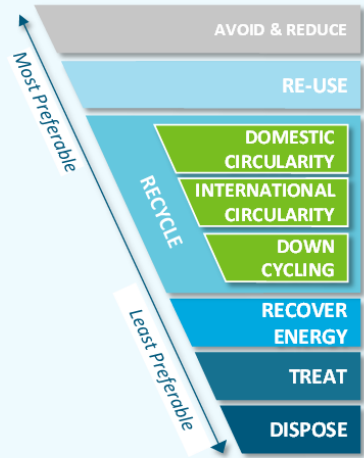
The residual waste typically includes items that cannot be recycled yet such as nappies and sanitary items, tissues, non-recyclable plastics and packaging, worn out clothing and other general household waste.



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Responses to questions from SRG #1

Waste hierarchy



8



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2. What percentage of waste goes to different Cleanaway facilities? (recycling, landfill)

- ✓ Over \$130 million invested in bottle-to-bottle plastic recycling plans
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Responses to questions from SRG #1

3. Site selection

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While Cleanaway considered other options, Bromelton stood out as the most suitable location due to its combination of appropriate zoning, central location, connectivity and the opportunity to partner with surrounding industry. Other sites were either not zoned for this type of operation, lacked transport and logistics advantages, or did not offer the same potential for industrial collaboration.

Cleanaway was not directed by government to locate at this site. This site was chosen due to its SDA and Special Industry Precinct for difficult to locate industry zoning. It is centrally located in South East Queensland with good connectivity and presents unique opportunity to partner with adjacent industry and operators for offtake of energy and resources recovered, and circular economy precinct opportunities.

Due to time constraints, this section was not discussed at SRG #2 – for future meeting discussion

Responses to questions from SRG #1

4. Water supply to the BERC

- BERC will prioritise water reuse to minimise demand on the local water network. The design includes four 100kL rainwater tanks to capture and store rainwater for reuse across the site. Additionally, process water will be recycled internally wherever possible to further reduce reliance on external water supplies and support sustainable operations.
- Water use is estimated to be 500m³/day (average of 6.4l/s).
- An exiting DN375 DI main which generally follows the Beaudesert Boonah Rd alignment terminates to the east of the BERC site.
- The main was built in 2018 in anticipation for the Bromelton SDA however there have been no customer connections to date.



Figure 1: Existing infrastructure within the vicinity of the subject site

- A Service Advice Notice was sought from Queensland Urban Utilities (extract right).
 - QUU have confirmed that there is sufficient capacity in the DN375 main to support the full BERC operational demand.
2. Urban Utilities has conducted additional modelling and can confirm that capacity is available within the existing DN375 main to accommodate for the increase water demand, assuming reconnection is established per 23-SAN-64867 advice. Prior advice indicated concern regarding water quality and adequate turnover of the existing DN375. The current proposed demand reduces water age within the existing main to within a more desirable range providing confidence water quality may be provided in accordance with drinking water standards. On this basis, Urban Utilities support the increased demand as it is necessary to effectively commission the existing main.

Due to time constraints, this section was not discussed at SRG #2 – for future meeting discussion

Responses to questions from SRG #1

4. Transport and traffic volumes

What are the proposed routes?

Trucks and vehicles will use different routes depending on where they are coming from. Key access roads are expected to include Beaudesert Boonah Road, Ipswich Boonah Road, Mt Lindesay Highway and the M1. A detailed route plan will be finalised before operations begin based on contract waste collection areas.

What measures have Cleanaway planned to avoid adding to & alleviating the transport 'bottleneck' that exists on existing transport routes to the Bromelton site ie Mt Lindesay Hwy, Boonah Beaudesert Rd, Beaudesert Tamborine Rd & Mundoolun Connecton Rd (to Canungra & Gold Coast)?

Cleanaway is preparing a detailed Traffic Impact Assessment which uses TMR methodology to identify impacts on the road network – this measures current traffic levels and estimates BERC-generated traffic.

This assessment will be made available to the public in 2026 for review and consultation.

Waste delivery

Waste will come from local councils across South East Queensland, with a primary focus on those closest to the BERC site.

Traffic volumes



472
expected vehicle
trips per day



236
vehicles arriving



236
vehicles leaving

This includes:

- Waste deliveries
- Delivery of materials and supplies
- Vehicles removing by-products from the plant
- Staff vehicles

Due to time constraints, this section was not discussed at SRG #2 – for future meeting discussion

Responses to questions from SRG #1

6. Office of Coordinator-General process and consultation

The Coordinator-General assesses and decides all SDA applications. As part of this process, the Coordinator-General decides if the application requires referral entity involvement. We expect the referral entities to be Department of the Environment, Tourism, Science and Innovation (DETSI), Department of State Development, Infrastructure and Planning (DSDIP), Department of Primary Industries (DPI), SEQ Water, Queensland Urban Utilities (QUU), Energy Queensland (Energex), Transport and Main Roads (TMR), Scenic Rim Regional Council.

The public consultation policy helps the Coordinator-General determine whether an SDA application may be required to undergo public consultation. This process usually involves newspaper notice, site sign and letters to adjoining landholders. The public are invited to make submissions on the SDA application to the Office of the Coordinator-General online. Reports and application material will be made available during the public notification period (a minimum 3 weeks – to be confirmed by OCG).

Normally submissions are made online or via email during the public consultation. The method will need to be confirmed with OCG. Acceptance and consideration of submissions received outside of this period is at the discretion of OCG.

Referral and public consultation for the BERC are expected in mid 2026.

For more information:

[Public consultation policy, State development areas](#)
[Referral and the role of referral entities](#)

Due to time constraints, this section was not discussed at SRG #2 – for future meeting discussion

Responses to questions from SRG #1

7. Workplace health & safety: statistics about accidents and incidents from similar facilities and what safety training is provided (initially and ongoing)

Robust training to cover hazard identification, emergency response, equipment handling, and ongoing refresher courses.

Cleanaway behavioural standards: a strong safety culture, with leadership accountability, employee engagement, and a Zero Harm approach.

Continuous monitoring, transparent reporting, and proactive risk reduction are essential to enhance safety outcomes.

Due to time constraints, this section was not discussed at SRG #2 – for future meeting discussion

Future SRG meetings

Next meeting: November 2025

What do you want us to cover in future meetings?

Deep dive specialist presentation topics?

Actions and close

- Summarise actions
- Meeting minutes distributed and on website

Bromelton Energy and Resource Centre Stakeholder Reference Group Meeting #2 Summary

Date:	September 4, 2025	Time:	5.30pm – 7.00pm
Venue:	The Centre, 82 Brisbane Street, Beaudesert		
Facilitator:	Dana Burrows, Engagement Lead, Arup		

Attendees:	SRG members Cr Jennifer Sanders John Powell Brendan Dever Cliff Portch Lizz Hills Nicole Thompson Alison Shaw Robyn Keenan Cathy Mitchell Emma Thomson Julie Jackson Peter Geoffrey Lugg	Specialist consultants (guest presenters) Paul Visser, Blue Phoenix Natalie Shaw, Katestone
	Project team Preet Brar, Executive General Manager – Energy from Waste Mark Biddulph, Head of Corporate Affairs Michael Hartley, Head of Energy from Waste, Cleanaway Anna Stewart, Project Manager, Arup	Apologies Steve Craven Michael Gilder Carly Williams David Kassulke Bel Brown Val Salama Marion Sawyers Clint Spence Cass Wain Donna Kirk

Refer presentation slides

Discussion topics	Actions
Acknowledgement of Country, welcome and introductions, agenda, housekeeping	
Project update, site plan and animation	Discussion about Cleanaway investment in other recycling programs including soft plastics trial with Woolworths. Provide detailed brief at future meeting.
Deep dive topics: specialist presentations on facility outputs	Ideas discussed about how repurposed IBAA (eg, cement blocks, paths) could be

1. Incinerator Bottom Ash & Aggregate (IBA / IBAA) – Blue Phoenix
2. Air quality modelling and assessment – Katestone

used in the local community. Future discussion / workshop about local community needs and opportunities.

Responses to previously raised queries

This agenda item was not covered due to time and longer discussions on previous topics. Attendees agreed to provide responses on slides and discuss at next meeting.

Future SRG meeting topics
Actions and close

1. Workshop community benefit ideas
2. Soft plastics program - detailed briefing
3. Transport and traffic
4. Flue gas – list of emissions that will be monitored
5. Previously raised questions (rescheduled due to time)

Slides and meeting summary to be distributed to members and published on BERC website.

Meeting ended at 7.10pm



Bromelton Energy and Resource Centre Stakeholder Reference Group *Online*

Meeting #3 | 7 October 2025



Acknowledgement of Country

Cleanaway acknowledges the Traditional Owners of the lands on which we operate and in the communities in which we exist. Today we are discussing land under the custodianship of the Mununjali people.

We celebrate the diversity of Aboriginal peoples and their ongoing cultures and connections to the lands and waters of this country.

We are proud to pay our respects to Elders past, present and future, for they hold the traditions and the cultures, and together we hold the hopes of a truly reconciled Australia.

Online format

Use camera if possible

Keep on mute unless speaking

Raise hand feature to ask questions

Q&As as provided before session – additional questions can be raised at future meetings

Agenda

1. Local benefits brainstorm
2. Q&As
3. Next meeting
4. Actions and close

Local benefits brainstorm

What does the local community need?

- High school research / education program
- Construction material use: mountain bike trail upgrades, local flood recovery construction, new walking and running tracks
- PCYC construction support
- YACC driver assistance – keen to double / triple opportunities
- Traveling to BERG with those who don't have car or licence – shuttle opportunity to support workers, visitors
- Facilities to keep people here for entertainment
- Visitor centre repurpose during emergencies (evacuation centre)
- BMX tracks
- Local youth training / apprenticeships
- Rural site opportunities – wider than Beaudesert
- School / student opportunities in rural areas outside Beaudesert
- Schools from Scenic Rim gatherings (CRISS): discuss variety of issues – Cleanaway can attend and put forward ideas that schools could get on board with. Involves schools from Tamborine Mountain, Boonah, Beaudesert, Kooralbyn, McAuley
- Cleanaway career pathway opportunities / connections – student exposure. STEM opportunities
- Boonah / Beaudesert High have strong ag departments; sustainability focus or research opportunities

Local benefits brainstorm

- Future Community benefit fund – examples given of grants provided; noted assessment and funds allocation by Community Reference Group

*What does the
local community
need?*

Responses to questions from SRG #1

1. What makes up residual waste?
2. What percentage of waste goes to different Cleanaway facilities? (recycling, landfill)
3. Site selection
4. Water supply to the BERC
5. Transport and traffic volumes
6. Office of Coordinator-General process and consultation
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Due to time constraints, this section was not discussed at SRG #2 – for future meeting discussion

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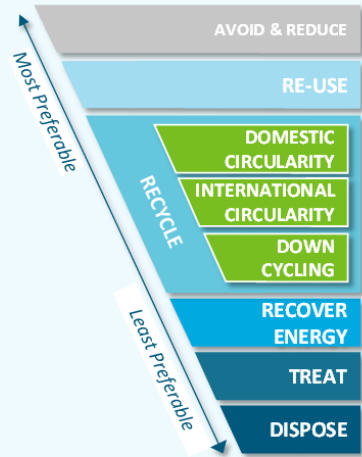
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Responses to questions from SRG #1

Waste hierarchy



8



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Responses to questions from SRG #1

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Responses to questions from SRG #1

4. Water supply to the BERC

- BERC will prioritise water reuse to minimise demand on the local water network. The design includes four 100kL rainwater tanks to capture and store rainwater for reuse across the site. Additionally, process water will be recycled internally wherever possible to further reduce reliance on external water supplies and support sustainable operations.
- Water use is estimated to be 500m³/day (average of 6.4l/s).
- An exiting DN375 DI main which generally follows the Beaudesert Boonah Rd alignment terminates to the east of the BERC site.
- The main was built in 2018 in anticipation for the Bromelton SDA however there have been no customer connections to date.



Figure 1: Existing infrastructure within the vicinity of the subject site

- A Service Advice Notice was sought from Queensland Urban Utilities (extract right).
 - QUU have confirmed that there is sufficient capacity in the DN375 main to support the full BERC operational demand.
2. Urban Utilities has conducted additional modelling and can confirm that capacity is available within the existing DN375 main to accommodate for the increase water demand, assuming reconnection is established per 23-SAN-64867 advice. Prior advice indicated concern regarding water quality and adequate turnover of the existing DN375. The current proposed demand reduces water age within the existing main to within a more desirable range providing confidence water quality may be provided in accordance with drinking water standards. On this basis, Urban Utilities support the increased demand as it is necessary to effectively commission the existing main.

Due to time constraints, this section was not discussed at SRG #2 – for future meeting discussion

Responses to questions from SRG #1

4. Transport and traffic volumes

What are the proposed routes?

Trucks and vehicles will use different routes depending on where they are coming from. Key access roads are expected to include Beaudesert Boonah Road, Ipswich Boonah Road, Mt Lindesay Highway and the M1. A detailed route plan will be finalised before operations begin based on contract waste collection areas.

What measures have Cleanaway planned to avoid adding to & alleviating the transport 'bottleneck' that exists on existing transport routes to the Bromelton site ie Mt Lindesay Hwy, Boonah Beaudesert Rd, Beaudesert Tamborine Rd & Mundoolun Connecton Rd (to Canungra & Gold Coast)?

Cleanaway is preparing a detailed Traffic Impact Assessment which uses TMR methodology to identify impacts on the road network – this measures current traffic levels and estimates BERC-generated traffic.

This assessment will be made available to the public in 2026 for review and consultation.

Waste delivery

Waste will come from local councils across South East Queensland, with a primary focus on those closest to the BERC site.

Traffic volumes



This includes:

- Waste deliveries
- Delivery of materials and supplies
- Vehicles removing by-products from the plant
- Staff vehicles

Due to time constraints, this section was not discussed at SRG #2 – for future meeting discussion

Responses to questions from SRG #1

6. Office of Coordinator-General process and consultation

The Coordinator-General assesses and decides all SDA applications. As part of this process, the Coordinator-General decides if the application requires referral entity involvement. We expect the referral entities to be Department of the Environment, Tourism, Science and Innovation (DETSI), Department of State Development, Infrastructure and Planning (DSDIP), Department of Primary Industries (DPI), SEQ Water, Queensland Urban Utilities (QUU), Energy Queensland (Energex), Transport and Main Roads (TMR), Scenic Rim Regional Council. Environmental approvals are given by DETSI. Local works approvals are given by Scenic Rim Regional Council.

The public consultation policy helps the Coordinator-General determine whether an SDA application may be required to undergo public consultation. This process usually involves newspaper notice, site sign and letters to adjoining landholders. The public are invited to make submissions on the SDA application to the Office of the Coordinator-General online. Reports and application material will be made available during the public notification period (a minimum 3 weeks – to be confirmed by OCG).

Normally submissions are made online or via email during the public consultation. The method will need to be confirmed with OCG. Acceptance and consideration of submissions received outside of this period is at the discretion of OCG.

Referral and public consultation for the BERC are expected in mid 2026.

For more information:

[Public consultation policy, State development areas](#)
[Referral and the role of referral entities](#)

Due to time constraints, this section was not discussed at SRG #2 – for future meeting discussion

Responses to questions from SRG #1

7. Workplace health & safety: statistics about accidents and incidents from similar facilities and what safety training is provided (initially and ongoing)

Robust training to cover hazard identification, emergency response, equipment handling, and ongoing refresher courses.

Cleanaway behavioural standards: a strong safety culture, with leadership accountability, employee engagement, and a Zero Harm approach.

Continuous monitoring, transparent reporting, and proactive risk reduction are essential to enhance safety outcomes.

Due to time constraints, this section was not discussed at SRG #2 – for future meeting discussion

Additional questions

8. Odour management – how specifically will this be dealt with?

Negative pressure on the tipping hall entry doors means odour will be contained inside the facility – odours are not noticed outside these facilities.

Additional questions

9. What actions will be taken to ensure designated haul routes will be used (and not local rural roads used as short cuts which currently happens)?

Cleanaway and supplier trucks will abide by the B-double / heavy vehicle routes designated by the Queensland Department of Transport and Main Roads. We will also comply with the National Heavy Vehicle Regulator (NHVR) requirements. The NHVR is Australia's independent regulator for all vehicles over 4.5 tonnes mass and is the statutory authority responsible for heavy vehicle compliance and regulation under the Heavy Vehicle National Law. Additional Cleanaway measures like driver training and in-vehicle monitoring systems will be implemented.

10. What actions will be taken about increase in heavy transport using local roads and Mt Lindsey Highway?

The transport impact assessment is still in progress, where we work with Transport and Main Roads on level of impact and mitigations required. More information will be available in 2026 in the technical assessment reports.

Additional questions

11. What are the emissions that will be monitored at the facility?

Each grate line will be equipped with a Continuous Emission Monitoring System (CEMS). The CEMS will provide continuous monitoring of the flue gas to ensure the Project is compliant with EA limits. This also assists in providing real time feedback to the control systems to make automatic adjustments to the injection rates for the flue gas treatment and emission control systems and flue gas oxygen content, for the automatic combustion control system.

Continuous monitoring will be installed for all pollutants that must be continuously monitored including:

- NO_x – Nitrogen Oxides
- SO_x – Sulfur Oxides
- CO – Carbon Monoxide
- Particulates – Particulate Matter
- TOC – Total Organic Carbon
- HCl – Hydrogen Chloride
- HF – Hydrogen Fluoride
- NH₃ – Ammonia
- SO₂ – Sulfur Dioxide

For pollutants with levels below limits of detection or where continuous monitoring is not feasible, routine sampling and testing will be established to ensure that the facility complies with environmental obligations. Auxiliary parameters such as flow rate, temperature, pressure, moisture content, oxygen and CO₂ will also be measured as part of the CEMS.

Additional questions

12. Do we need independent and regular oversight on behalf of residents of the Scenic Rim to ensure that operating guidelines set down for the BERC are adhered to, both in the short and long term? That oversight could be extended to other emitters in the Beaudesert and Bromelton areas? (relates to air emissions)

Air monitoring for BERC will be subject to the Queensland Government's Environmental Protection (Air) Policy 2019. The facility will need to meet strict conditions for monitoring and reporting that will be outlined by Government when approval is given for the proposal to proceed.

Next SRG meeting

Next meeting: 27 November 2025 – in person at The Centre, Beaudesert

Deep dive specialist presentation topics:

- Dr Taku Ide, Head of Carbon: Cleanaway's decarbonisation & EfW carbon
- Dr Jeroen Wassenaar, Head of Innovation: Cleanaway's investments in plastic recycling

Actions and close

- Summarise actions / topics for future sessions
- Meeting minutes distributed and on website

Bromelton Energy and Resource Centre Stakeholder Reference Group Meeting #3 Summary

Date: October 7, 2025 **Time:** 5.30pm – 7.00pm

Venue: Online, Microsoft Teams

Facilitator: Dana Burrows, Engagement Lead, Arup

Attendees:	SRG members Cr Jennifer Sanders David Kassulke Bel Brown Donna Kirk Brendan Dever Cliff Portch Nicole Thompson Robyn Keenan Julie Jackson	Apologies John Powell Steve Craven Alison Shaw Lizz Hills Cathy Mitchell Emma Thomson Michael Gilder Peter Geoffrey Lugg Carly Williams Val Salama Marion Sawyers Clint Spence Cass Wain
	Project team Ricky McNally, Program Director – Energy from Waste, Cleanaway Mark Biddulph, Head of Corporate Affairs, Cleanaway Michael Hartley, Head of Energy from Waste, Cleanaway Anna Stewart, Project Manager, Arup	

Refer presentation slides

Discussion topics

Actions

Acknowledgement of Country, welcome and introductions, agenda, online format

Local benefits brainstorm

Discussion following on from SRG meeting #2 ideas raised about potential local benefits.
 Additional ideas captured in slides.
 Discussed future potential Cleanaway community benefit fund and example grants funded; assessed and administered by local community representatives.

Q&A session

Catch up session of Q&As previously raised in SRG #1

Additional Q&As covered as submitted by SRG members prior to meeting.

Future SRG meeting topics

Next meeting in person at The Centre, Beaudesert: 27 November 2025, 5.30pm-7pm

Deep dive specialist presentation topics:

- Dr Taku Ide, Head of Carbon: Cleanaway's decarbonisation & EfW carbon
- Dr Jeroen Wassenaar, Head of Innovation: Cleanaway's investments in plastic recycling

Actions and close

Slides and meeting summary to be distributed to members and published on BERC website.

Meeting ended at 7.05pm

Bromelton Energy and Resource Centre Stakeholder Reference Group Meeting #4 Summary

Date:	November 27, 2025	Time:	5.30pm – 7.00pm
Venue:	The Centre, Beaudesert and Microsoft Teams		
Facilitator:	Dana Burrows, Engagement Lead, Arup		

Attendees:	SRG members Cr Jennifer Sanders John Powell David Kassulke Donna Kirk Brendan Dever Cliff Portch Nicole Thompson Cathy Mitchell Robyn Keenan Val Salama Julie Jackson Alison Shaw Clint Spence	Apologies Bel Brown Steve Craven Lizz Hills Emma Thomson Michael Gilder Peter Geoffrey Lugg Carly Williams Marion Sawyers Cass Wain
	Project team / guests Dr Taku Ide, Head of Carbon, Cleanaway Dr Jeroen Wassenaar, Head of Innovation, Cleanaway Mark Biddulph, Head of Corporate Affairs, Cleanaway Michael Hartley, Head of Energy from Waste, Cleanaway	

Refer presentation slides

Discussion topics	Actions
Acknowledgement of Country, welcome and guest introductions, agenda	
Update from public forum	Presentations from Julie Jackson and Nicole Thompson regarding concerns about EfW, the proposal and suggestions for sustainable waste responses.

Deep dive: specialist presentation on Cleanaway's decarbonisation & EfW carbon	Dr Dr Taku Ide presentation about Cleanaway targets, societal emissions with/ without EfW
Deep dive: specialist presentations on Cleanaway's investments in plastic recycling	Dr Jeroen Wassenaar presentation about Cleanaway's range of plastics recycling programs, how they work, future trials
2026 look ahead	Planning application submission to government early 2026 OCG direction on when public notification of application and reports (expecting mid year) Next meeting: February 2026 TBC Seeking suggestions on community engagement activities (before mid year) and SRG topics for 2026 – will follow up via email as there was no time for discussion
Actions and close	Slides and meeting summary to be distributed to members and published on BERC website.

Meeting ended at 7.10pm



Bromelton Energy and Resource Centre Stakeholder Reference Group

Meeting #4 | 27 November 2025



Acknowledgement of Country

Cleanaway acknowledges the Traditional Owners of the lands on which we operate and in the communities in which we exist. We pay our respect to all Aboriginal and Torres Strait Islander peoples.

Artwork by Marcus Lee, a proud Aboriginal descendant of the Karajarri people from North Western Australia.

It represents Cleanaway's commitment to fostering a sustainable circular economy and symbolises our deep respect for the land, oceans and waterways of Australia.

The three central circular clusters represent the three pillars of reconciliation: Relationships, Respect and Opportunities. These three pillars provide the backbone and support for Cleanaway's ongoing reconciliation journey.



Agenda

1. Welcome and introductions – specialist presenters
2. Update from public forum
3. Deep dive specialist presentation topics:
 - i. Dr Taku Ide, Head of Carbon: Cleanaway's decarbonisation & EfW carbon
 - ii. Dr Jeroen Wassenaar, Head of Innovation: Cleanaway's investments in plastic recycling
4. 2026 look ahead and suggestions
5. Next meeting
6. Actions and close

Public forum update

Julie / Nicole

Cleanaway's decarbonisation & EfW carbon

Dr Taku Ide

Head of Carbon



Cleanaway is committed to a 1.5°C future

In FY23, we set a target for our operational CO₂ and CH₄ emissions to keep the world on a 1.5°C trajectory, informed by leading scientific literatures, international agreements, and Nationally Determined Contributions

CH₄



2030

-28%
(Range: -9 to -51%)

-30%
(vs. 2020)

-34%
(equivalent to -30% vs. 2020)

2050

-48%
(Range: -33 to -74%)

Deep reduction

-57%

2030

-38%
(Range: -14 to -67%)

-43%

-43%

2050

-98%
(Range: -70 to -131%)

Net zero

Net zero

CO₂

Comparison of societal emissions, with and without an EfW powerplant

WORLD 1: WASTE IS INCINERATED IN A WTE FACILITY TO GENERATE ELECTRICITY



Emissions source: CO₂
emissions from incinerating
residual, non-recyclable waste

WORLD 2: ELECTRICITY IS DRAWN FROM THE GRID AND WASTE IS SENT TO LANDFILL



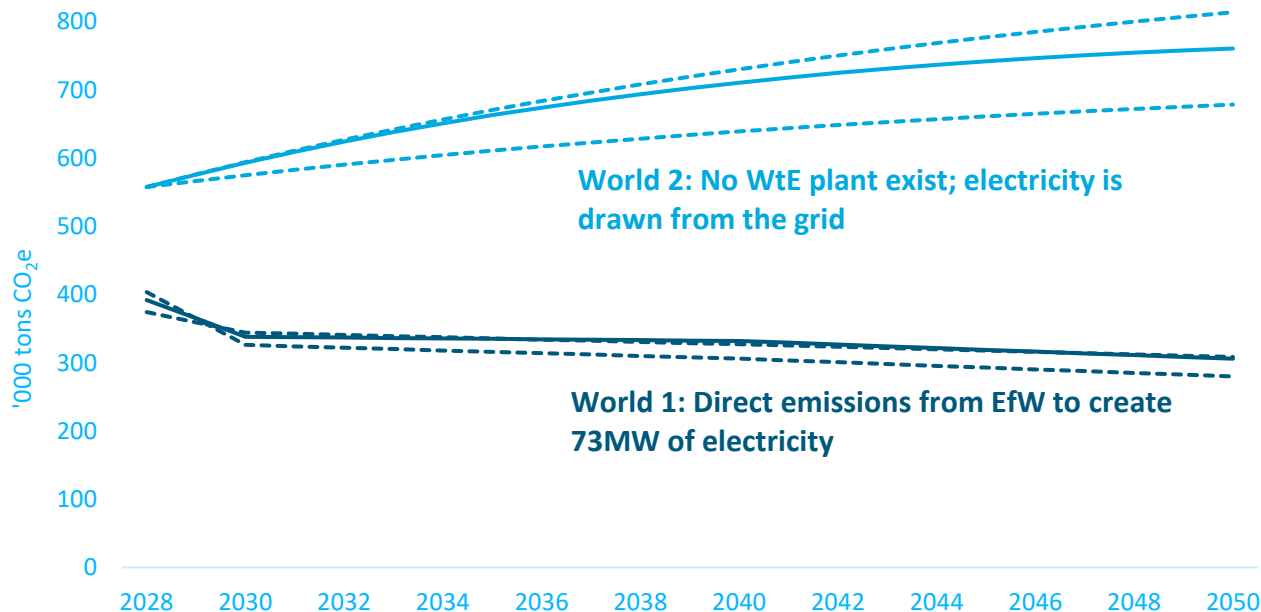
Emissions source 1: CO₂
emissions from generating
baseload electricity



Emissions source 2: CH₄
emissions from fugitive (gases
not captured) landfill gases

- **World 1:** A world with EfW plant where electricity is generated from incinerating residual MSW and residual C&I waste; and
- **World 2:** A world without an EfW plant where the waste that would have been thermally treated at the EfW plant is landfilled and the same amount of baseload electricity is drawn from the grid.

Reducing societal emissions with an EfW powerplant



The world with an 80MW EfW plant v. a world without an EfW plant can:

- *Save, on average, **356kt CO₂e/yr¹**, and*
- *Deliver a **cumulative emissions savings of approximately 8.2mt CO₂e between 2028 and 2050***

1. The analysis is based on assumptions, including, but not limited to: EfW electrons displacing the marginal carbon intensity baseload power, waste mass input, waste composition changes over time, gas capture efficiency rates at landfills.

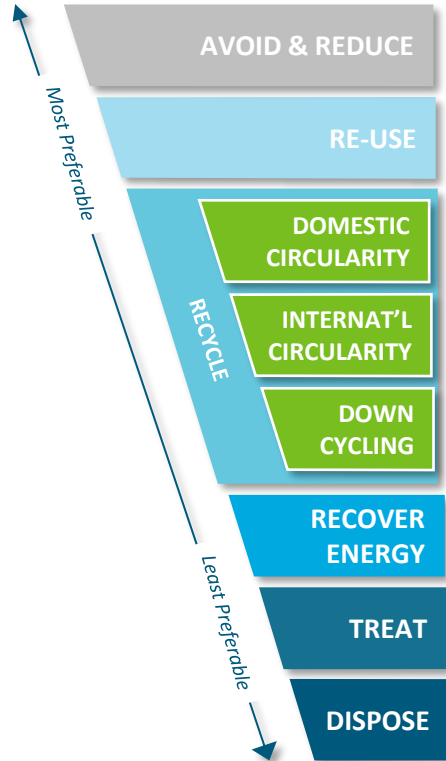
Cleanaway's investments in plastic recycling

Dr Jeroen Wassenaar
Head of Innovation



Cleanaway waste hierarchy for plastics

Waste Hierarchy



Plastics Solutions

Regulate the use of single use plastics where alternatives exist

Design for maximising plastic re-use

Domestic mechanical recycling for rigid PET, HDPE, PP and clear LDPE film; pyrolysis + polymerisation for soft plastics packaging and other hard to recycle plastics

Export of processed plastic products for further re-processing and value-creation overseas, e.g. export of washed flake or pyrolysis oils

Recycling of plastics into lower order and generally lower value outputs, e.g. food grade plastics to road applications, bollards, park benches etc.

Energy from plastics not recovered from residual waste is safely harnessed through Energy from Waste facilities

Not applicable

Avoid – resource and value is lost

A leading advanced plastics recycling platform

Integrated network of collections, including container return schemes, MRFs, plastic recovery facilities and 3 advanced plastic pelletising facilities and soft plastics recycling currently under feasibility study

Innovation through partnership

TOMRA Cleanaway

Collection and sorting of CDS eligible containers



Circular Plastics Australia

Mechanical recycling of PET, HDPE and PP containers into food grade resin

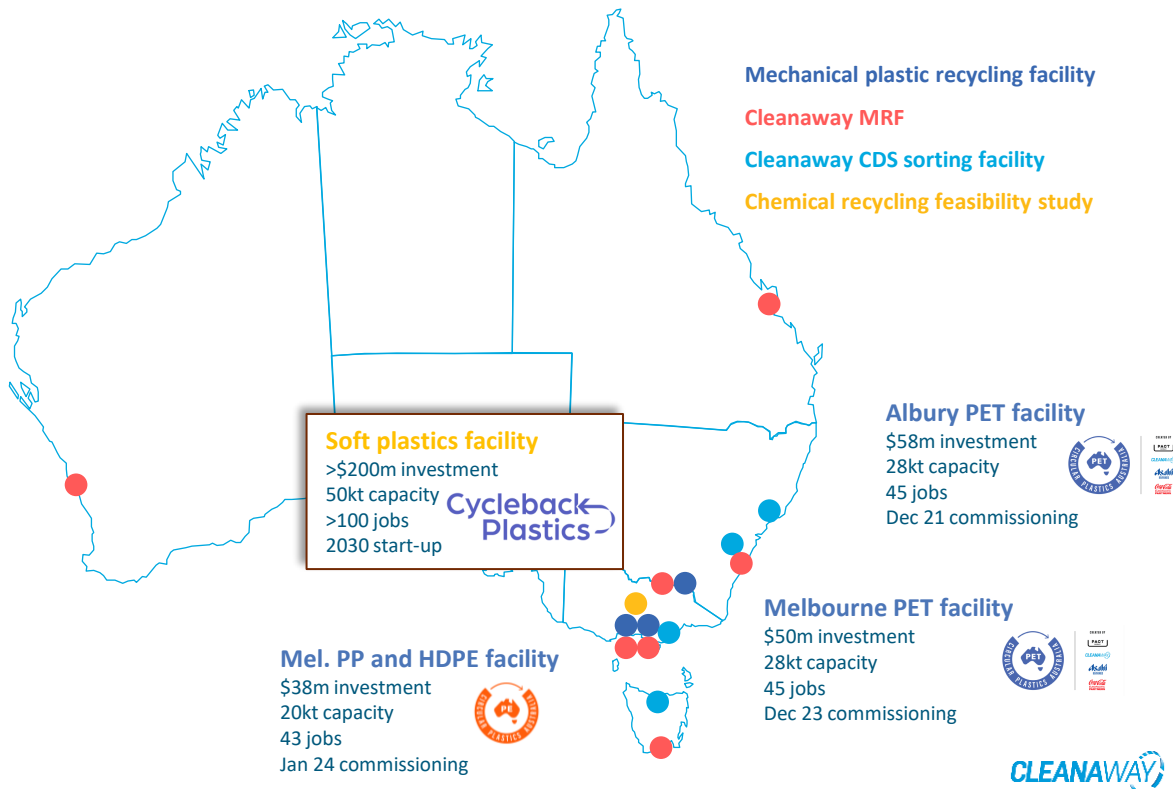


Cycleback Plastics

Chemical recycling of soft plastics into food grade circular PP



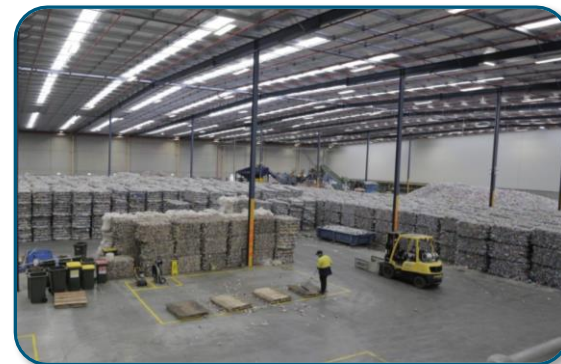
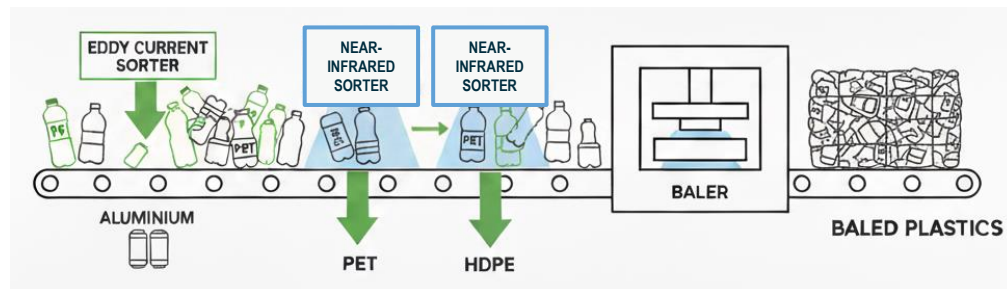
An innovation by



Container Deposit Schemes (CDS)

Together with Tomra, we operate the NSW, VIC (West) and TAS schemes

- Cleanaway has partnered with Tomra, global leaders in reverse vending machines, to deliver CDS in Australia
- We are delivering the NSW scheme since it launched in December 2017 and now also service VIC west region and TAS
- Over 14 billion containers returned in NSW through TOMRA Cleanaway
- Dedicated resource recovery facilities established producing commodity of exceptionally high quality



Delivering fully circular, bottle-to-bottle PET solutions



Mechanical recycling rollout through Circular Plastics Australia



CREATED BY



Albury PET

\$58m investment

28kt capacity

45 jobs

Opened Dec 21



CREATED BY



Melbourne PET

\$50m investment

28kt capacity

45 jobs

Opened Dec 23



CREATED BY



Mel. PP and HDPE

\$38m investment

20kt capacity

43 jobs

Opened Jan 24



The food-grade rHDPE process

- 1** Consumers accurately sort their household recyclables into their recycling bins.



- 2** Kerbside recycling is collected and delivered to a material recovery facility (MRF).

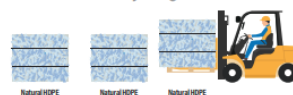


- 3** At MRFs, recyclables are separated and sorted by material type (paper, glass, metal and plastic).

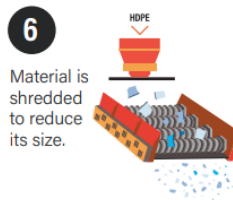


The separated plastics are moved to the plastics recovery facility (PRF) and sorted into polymer type (PET, HDPE, PP etc) and baled.

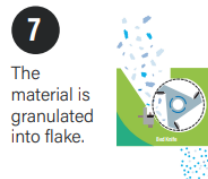
- 4** Pre-sorted Food-Grade HDPE plastic bales arrive at one of Pact's recycling sites.



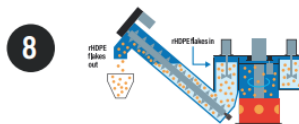
Bales are loaded onto the conveyor and undergo an array of near infrared (NIR) optical sorting and other separation technologies to remove any final contamination and incorrect polymer types.



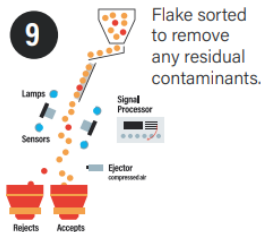
- 6** Material is shredded to reduce its size.



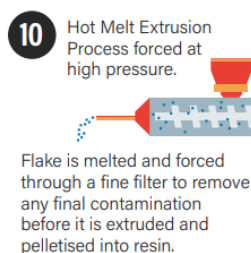
- 7** The material is granulated into flake.



Flake is fed into a series of hot caustic washes to sanitise and remove any residual glue and goo.



- 9** Flake sorted to remove any residual contaminants.



- 10** Hot Melt Extrusion Process forced at high pressure.

Flake is melted and forced through a fine filter to remove any final contamination before it is extruded and pelletised into resin.



- 11** The pelletised resin enters the refresher unit and spends > 7 hours deodorising to ensure food contact compliance.



- 12** The Food-Grade resin is tested for quality against formal specifications. A Certificate of Analysis is issued to the customer for every rFresh-100 batch.



- 13** Pact uses Food-Grade recycled HDPE resin to make new packaging and products such as milk bottles, juice bottles and other food packaging.

Cycleback Plastics

An innovation by

VIVA
EnergyAustralia

CLEANAWAY



What are soft plastics?

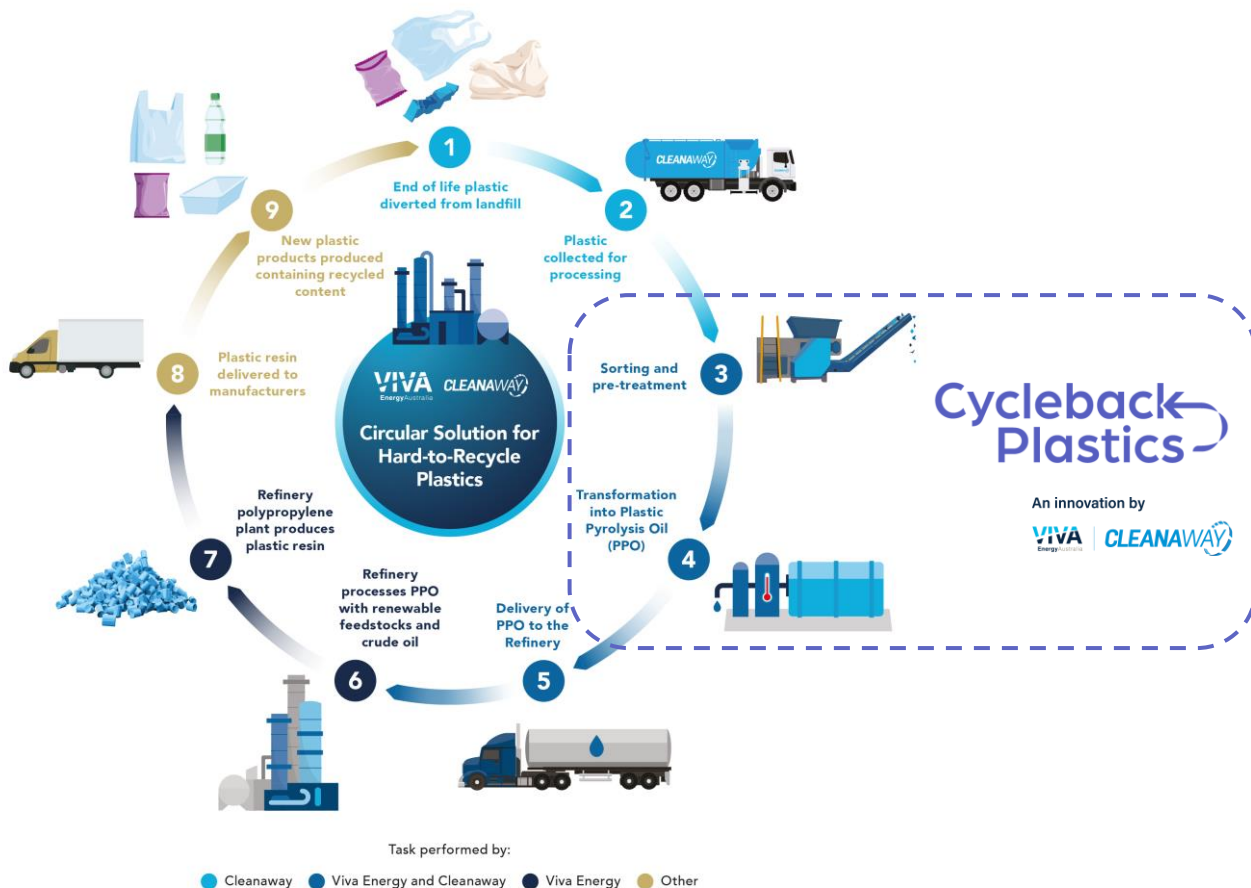
Soft plastics include flexible packaging used for products like food, personal care items and household goods, such as:

- Plastic bags (e.g. food bags for bread, fruit, vegetables)
- Food wrappers (e.g. pasta, rice packaging)
- Plastic film (e.g. cling wrap)
- Plastic pouches (e.g. post bags)
- Bubble wrap
- Packaging for clothing and electronics

They contain multiple materials that are often printed or pigmented, making them generally unsuitable for mechanical recycling.



Overview: A circular solution for hard-to-recycle plastics



Collecting soft plastic feedstock

Municipal – Bag-in-bin



Photo Credit:
AFGC



Business-to-business (B2B) - Back of store



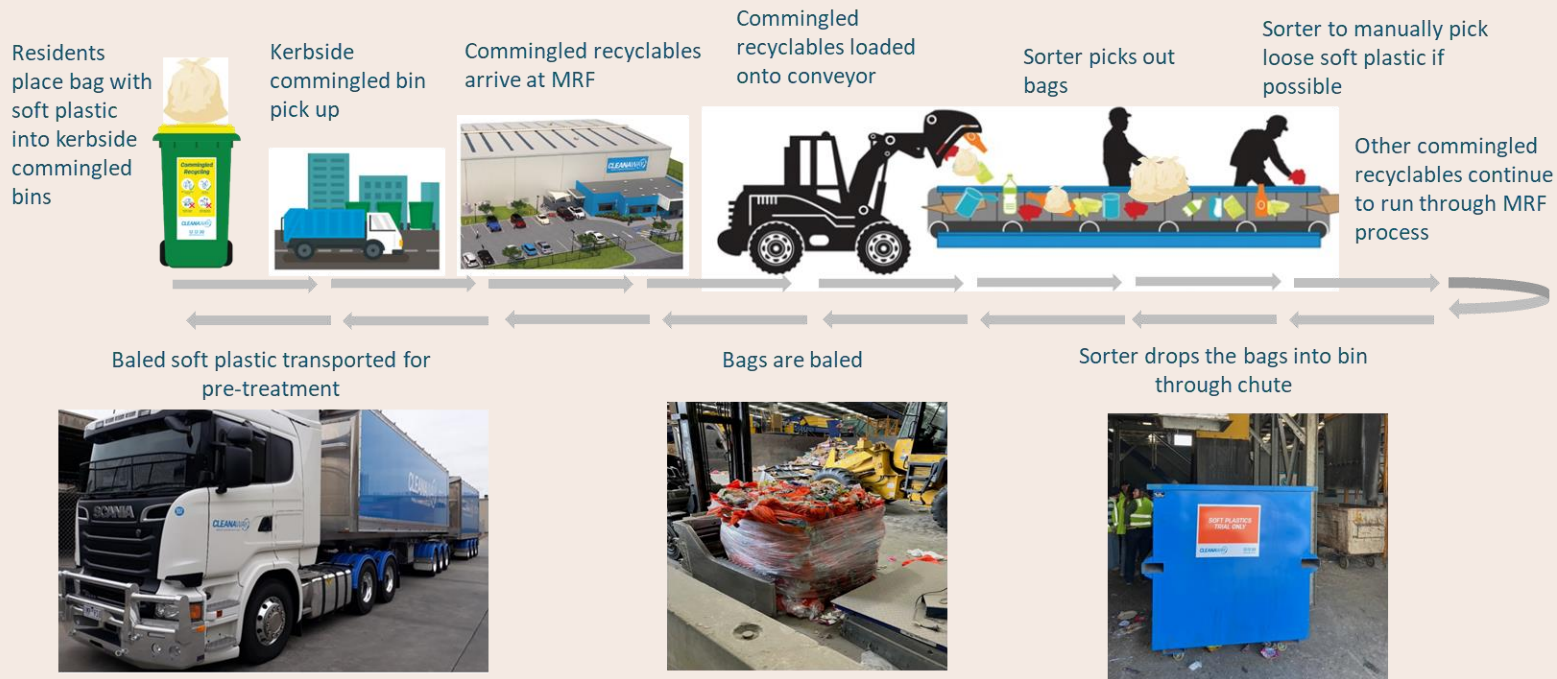
Return to store - Collection bin at store front



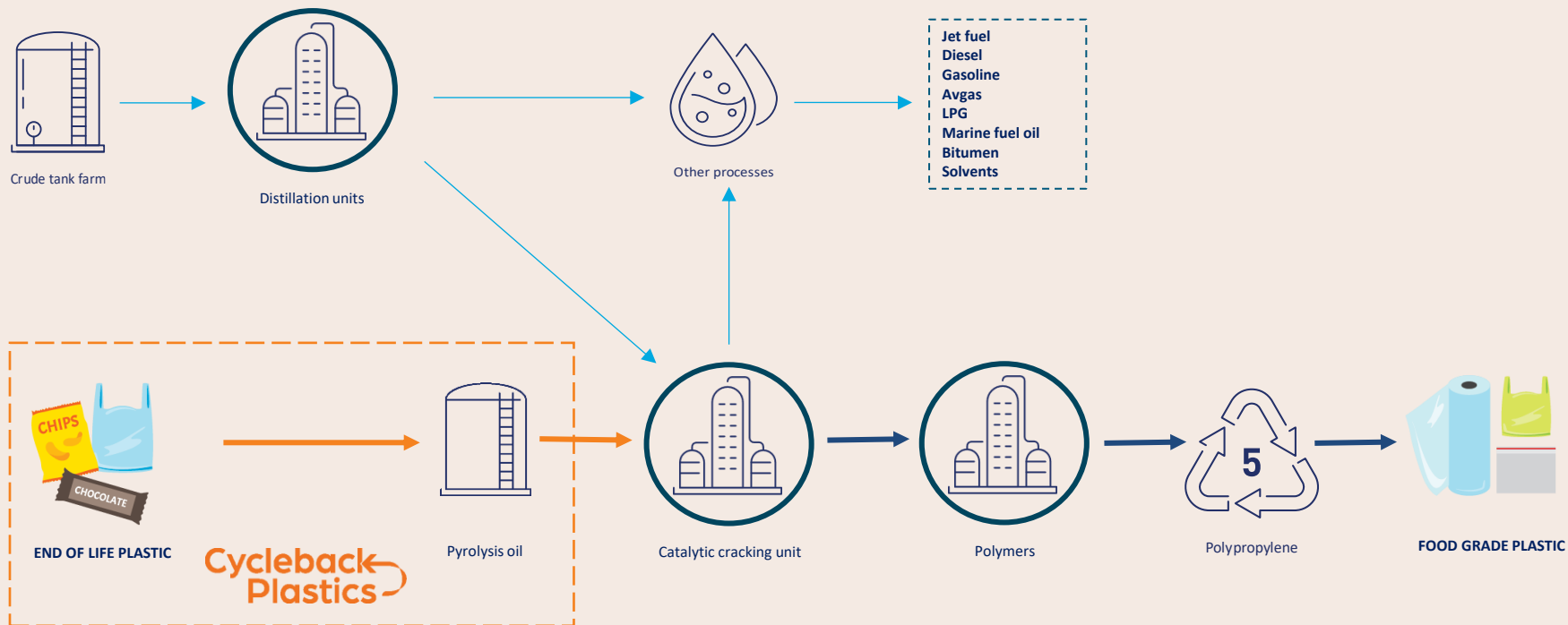
Photo Credit: SPSA

Bag-in-bin feedstock collection model

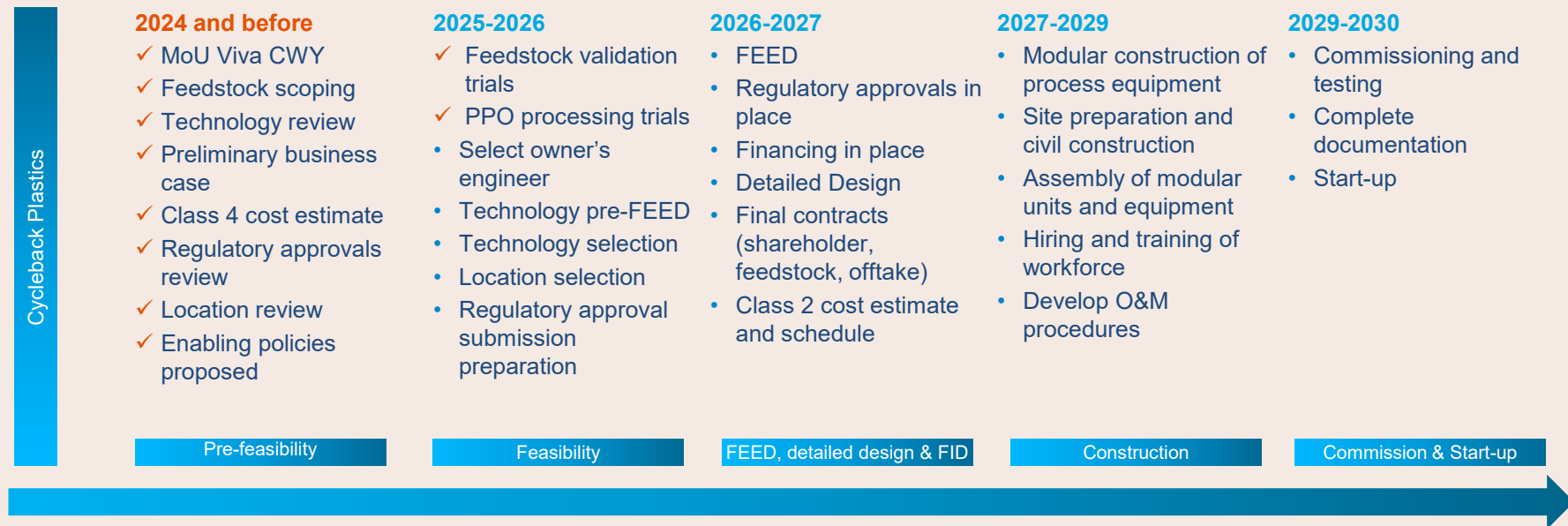
Leveraging existing MRF infrastructure



How we produce polypropylene (PP)



Project schedule & milestones



2026 look ahead

What happens next year:

- Planning application submission and reviews with referral agencies
- OCG direction on public notification – when technical reports and application is publicly available on OCG website (expecting mid year)
- More community engagement at that time

SRG discussion and suggestions for 2026:

- More deep dive sessions about the technology, and how other facilities with new technology and systems work (Copenhagen, Dublin, other)
- About the emissions and operational facility outputs
- Timing of sessions – Feb / Mar / April?

Next SRG meeting

Next meeting: February 2026 – in person at The Centre, Beaudesert

Topics?

Actions and close

- Summarise actions / topics for future sessions
- Meeting minutes distributed and on website