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# Reimagine Swanbank

Community Engagement Report

March – May 2023

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### *Acknowledgement of Country*

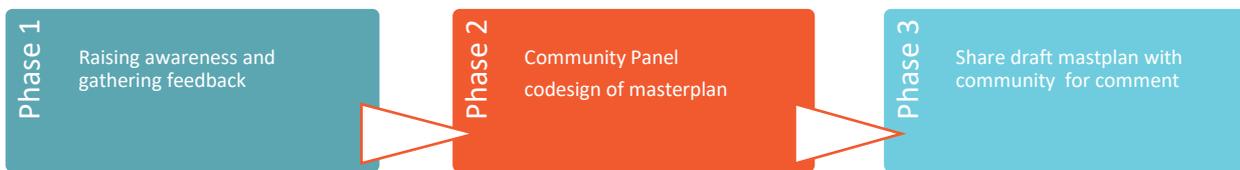
CleanCo Queensland respectfully acknowledges the Yugera, Ugurapul and Jagera People, belonging to the Yuggera language group, as the traditional custodians of this land.

We pay respect to all First Nations community Elders, past and present, who have resided in the area and have been an integral part of the history of the region.

We are humbled by the many tens of thousands of years First Nations People have been connected to the lands and waters. It is our commitment that we respectfully acknowledge and engage with the Traditional Custodians to ensure their voices and aspirations are heard and incorporated into Swanbank’s future.

# 1. Context

This report details the community feedback and sentiment gathered through online and in-person activities over a three-month period (March – May 2023) for Reimagine Swanbank, CleanCo Queensland’s clean energy hub for the Swanbank power precinct. This period is Phase 1 of a three-phase community engagement plan for CleanCo to connect with the community to develop a Masterplan for the Swanbank Clean Energy Hub. A summary of this information was presented to the community panel and has informed the authentic co-design process and priorities.



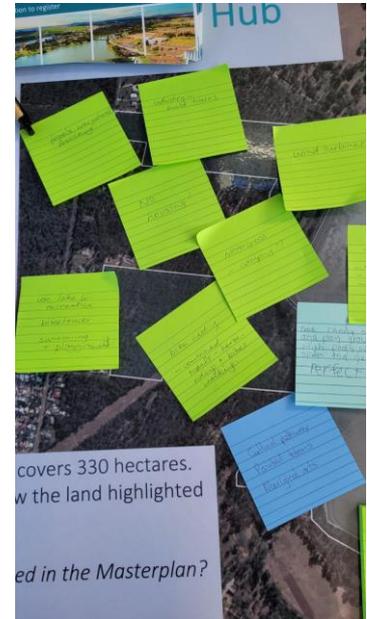
# 2. Approach

In the three-month period leading up to the co-design sessions, CleanCo delivered a range of virtual and in-person activities to connect with the community and listen to their views and priorities. The primary online tool developed was an interactive website “[Reimagine Swanbank](#)”. This website provided information on the past, present uses, and future possibilities for the Swanbank site. It invited the community to have a say through a variety of engagement tools. These tools included:

- a survey that included free text comments,
- a social map where people could pin-point locations on the site map and make suggestions for the use of the land,
- a ranking exercise for clean energy options,
- a space to share memories of Swanbank.

To complement and generate interest with the online engagement, CleanCo also went out into the community. The Project team door knocked neighbouring properties. The majority of residents of Ripley, South Ripley and the residential pocket approaching Swanbank power station (Swanbank Station Road), received an invitation to participate in the co-design process through the post. CleanCo also engaged with key local operators & stakeholders through the Swanbank Regional Business Forum (held quarterly) and other targeted meetings e.g. Ipswich City Council, Ipswich Chamber of Commerce.

CleanCo promoted Reimagine Swanbank and opportunities to engage through social media posts targeting local community groups. CleanCo ran “pop-up” information and engagement stalls at 5 events in the local community (2 x Ripley Markets, 1 x Orion Markets, 1 x King George Square and 3 days at the Ipswich show).



This report includes the feedback received via online tools on Reimagine Swanbank, the in-person activities and relevant comments received via social media on posts promoting the project.

The objectives for Phase 1 were:

- Raise awareness in the Ipswich community of the Queensland Government’s Energy & Jobs Plan, CleanCo Qld as a government owned corporation, and its core business purpose.
- Provide opportunities for the community to have their say about the future uses for the site, the clean energy options available and any memories they had of working, living, and playing around the Swanbank area.
- Encourage participation in the community panel co-design process.

Figure 1. below provides an overview of all engagement activities conducted March - May 2023.



Figure 1 - Overview of Scope and reach of engagement activities March – May 2023.

\*An exact record of unique visitors at face-to face events was not documented across all events. Greater than 300 is an estimate of interactions calculated from the records available.

### 3. Findings

To identify key themes and sentiment across all feedback received through all engagement tools and events, an open thematic analysis was conducted. An open thematic analysis finds common words and sentences and allocates a theme to each contribution. Themes or topics are not preselected but arise organically from the community’s collective feedback. In the situation when someone had provided a contribution that included several ideas, each unique idea was identified and considered in the analysis. When each comment was allocated a theme, the frequency of each theme was tallied to identify priorities in community sentiment.

#### 3.1. Sentiment

Eighty-eight (88) “free text” comments received were through all avenues of engagement (online and in-person). These comments were collated and reviewed to identify key sentiment across all feedback. This analysis was conducted at a high level. Open thematic analysis is subjective, although it is widely applied method in community engagement practice and social research. Some comments received could have been

classified as more than one theme. For example, comments about people’s memories of swimming in the lake could be identified as aligning with either “Swanbank Lake” or “Identity”, as it was a place of importance for the local community. In these instances, the decision was made to code these comments under “Swanbank Lake”. Outlined below is a brief general description of the types of commentary aligned to each sentiment theme.

**‘Big picture’:** Comments related to the desire for sustainable development, as well as contributions that talked about connecting any development at Swanbank to the wider community and city plans.

**Clean Energy:** General feedback in support of the transition to clean energy as well as clean energy generation ideas and suggestions.

**Swanbank Lake:** Reflections of swimming and picnicking at the lake in the past and ideas for recreation related to the lake in the future.

**Identity:** Comments about working at the site, and references to local history.

*Please note: An issue that is beyond the direct control of CleanCo that was mentioned on all platforms related to odour originating from the Swanbank region, and the negative impact this has on the wellbeing of the community and their quality of life. CleanCo Queensland has communicated this feedback to the relevant parties within the Swanbank region. The graph and table below do not include odour as a key theme as it is beyond the direct control of CleanCo to mitigate.*

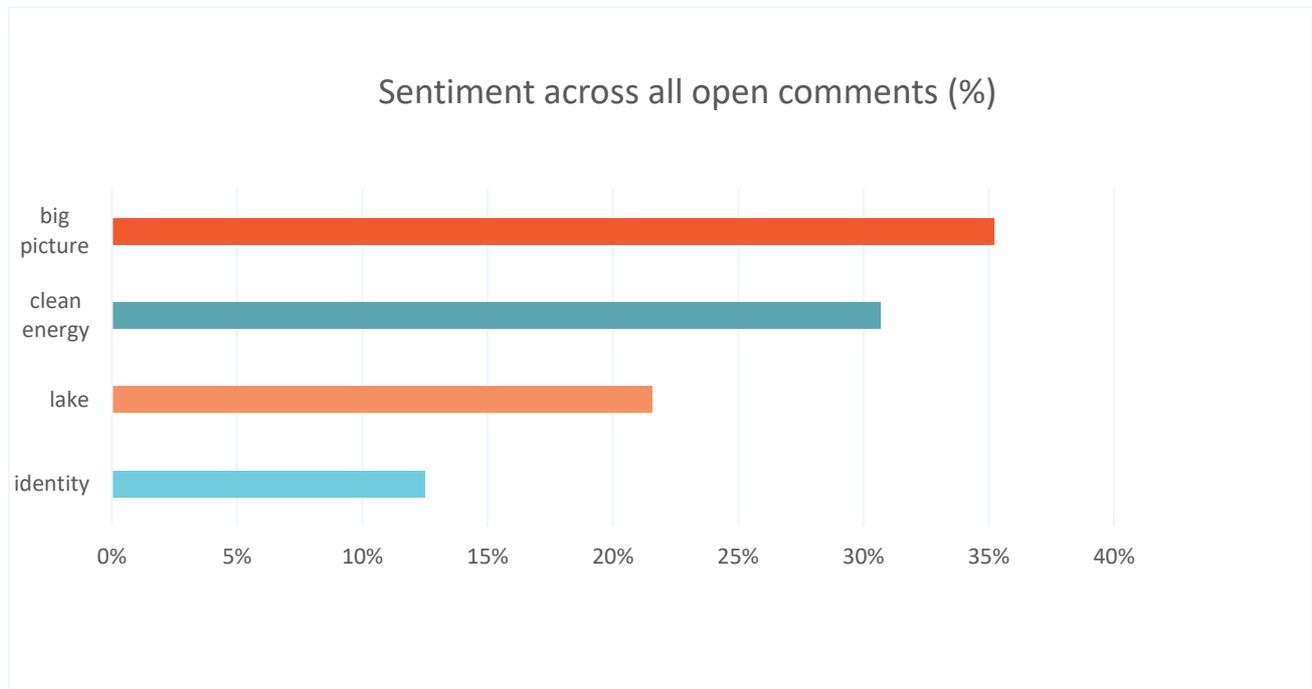


Figure 2. Sentiment across all open comments (%).

### 3.2. Key themes – future use of site

The thematic analysis was conducted a second time to identify what percentage of the contributions and suggestions for the community use of the site aligned with the high-level designated themes of recreation, environmental restoration or innovation and education.

Figure 3 illustrates the percentage of contributions that aligned to each of these themes. The 3% of contributions made that were assigned as “other” primarily related to concerns regarding odour or other issues unrelated to the redevelopment of the Swanbank site into a Clean Energy Hub.

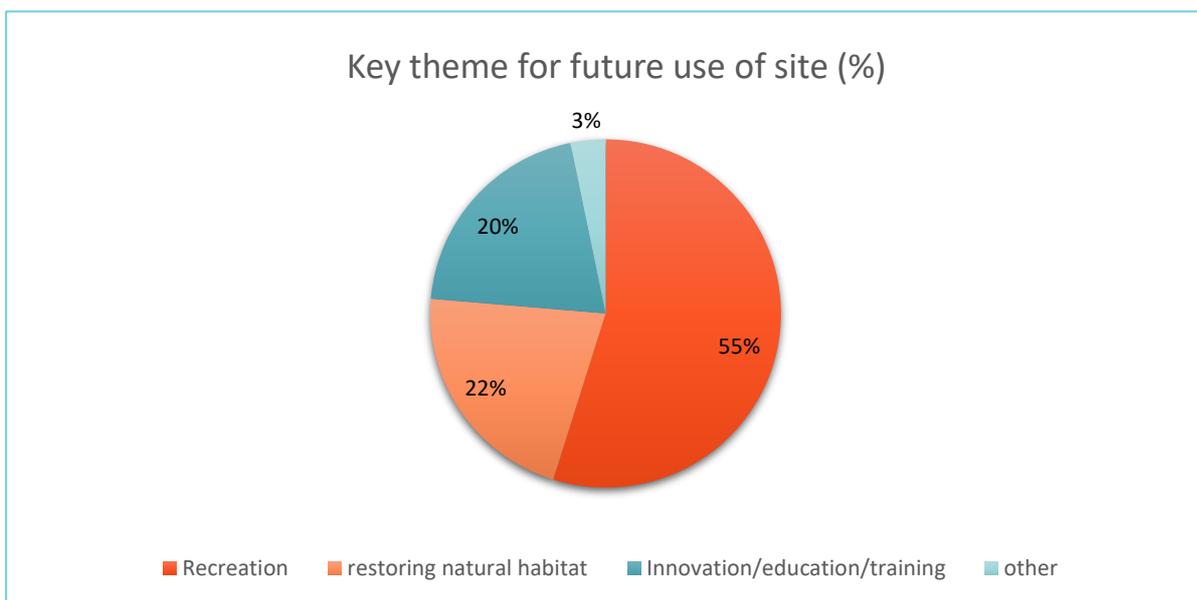


Figure 3. Key themes for future use of the site (%).

### 3.3. Next steps

This report covered phase one. Phase 2 is the co-design process involving the Community Panel. A report for Phase 2 will be shared on Reimagine Swanbank at the conclusion of this phase.

Attached below is more detailed reporting of the community contribution received during phase one.

## 4. Attachments

### 4.1. Reimagine Swanbank

This attachment provides details of community feedback received through CleanCo’s online platform, Reimagine Swanbank. During the period between March 13 – May22 2023 there were 1574 unique visitors to the webpage with 75 unique contributions to the engagement tools. The contribution to each tool is listed below.

- 16 Survey
- 31 Social Map
- 3 Clean Energy ideas
- 10 Memories of Swanbank
- 18 Community Panel Forum\*

\*The Community Panel forum was on a closed page and these contributions were not included in the analysis of feedback for phase 1.

#### 4.1.1. Survey

The community was invited to participate in an online survey on the Reimagine Swanbank website. The survey was open to the public for 10 weeks and asked 7 questions: two related to economic and community initiatives, two related to the environment and three opportunities for free text responses.

The number of participants (16) is too small to be statistically significant and may not reflect the wider community’s sentiment.

Open comments from the survey were incorporated into a broader thematic analysis of all feedback received. Refer to the summary section above for these results.

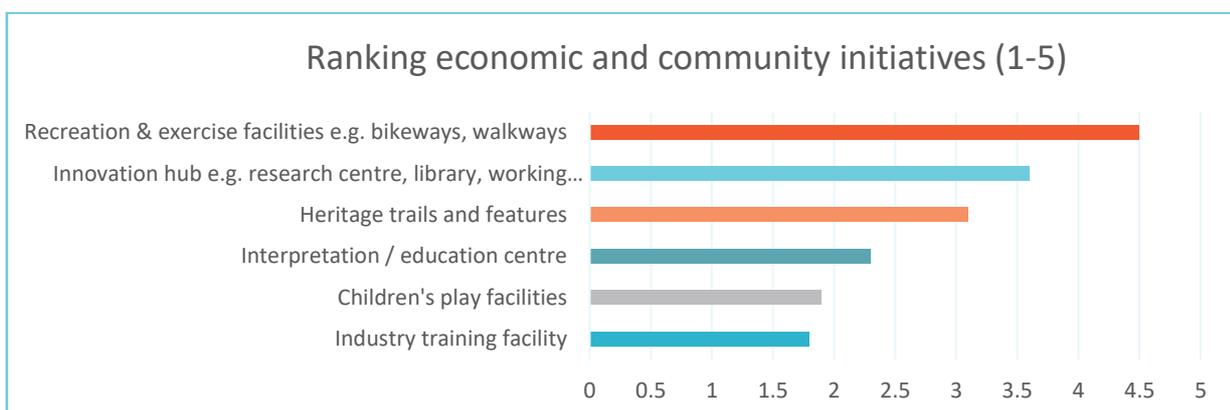


Figure 4. What economic & community initiatives would you prefer to see at Swanbank?

The survey then asked participants to explain what considerations were important when ranking preferred environmental needs. Comments received aligned with three themes that responded to CleanCo’s remit for the Masterplan.

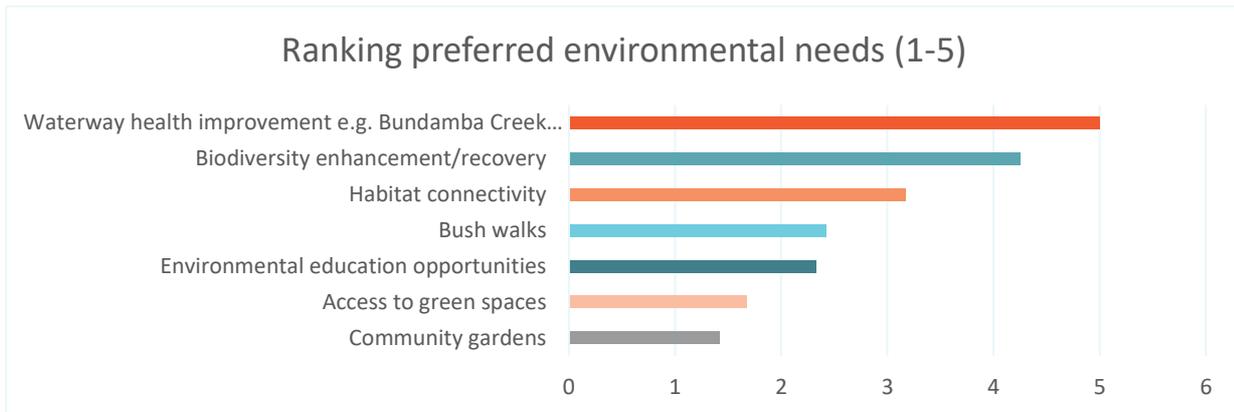


Figure 5. What environmental enhancement measures would you prefer to see at Swanbank? (ranked by community).

#### 4.1.2. Open text responses

There were three opportunities for survey participants to provide free text responses. The graph below reflects the common themes across all free text opportunities. Please note, odour issues are acknowledged as they are a significant issue for the community, however, they relate to industry beyond our scope as an organisation.

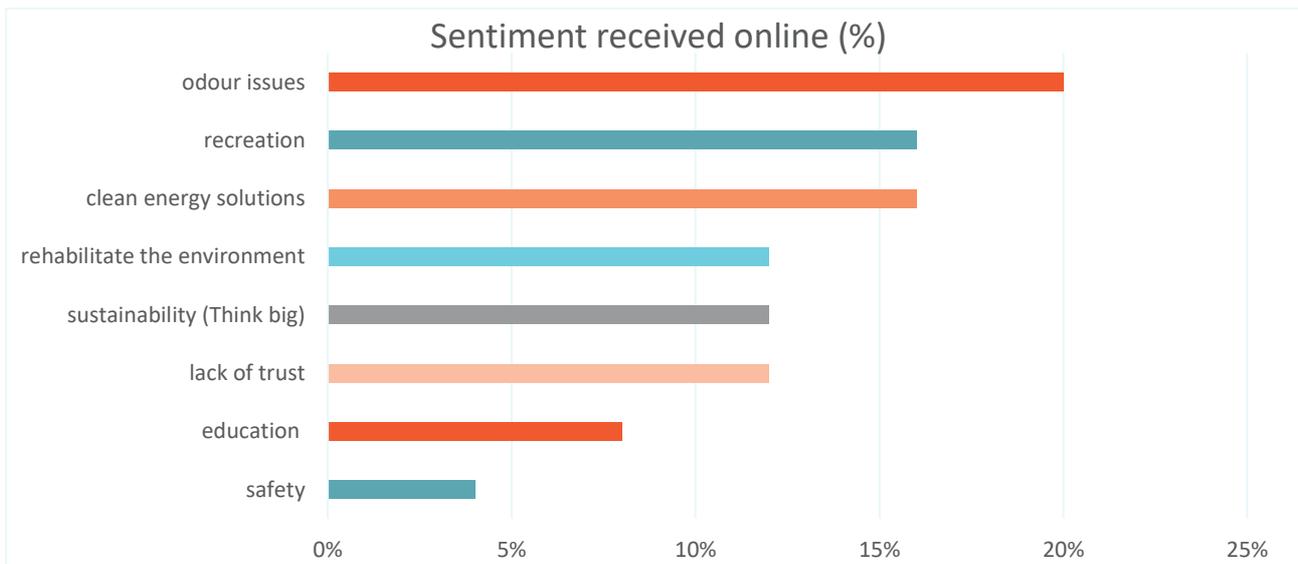


Figure 6. Sentiment received online (%).

The table below provides example comments relating to the five most common themes.

Theme	Related comment
<b>Odour issues</b>	<ul style="list-style-type: none"> <li>• <i>The smell is horrendous and needs to be addressed now. That should be the priority.</i></li> <li>• <i>Contain the garbage. No more open-air dumps in the area. The environmental impact of this smell can't be good</i></li> </ul>
<b>Recreation</b>	<ul style="list-style-type: none"> <li>• <i>A 4wd park or track, maybe something with various levels of difficulty.</i></li> <li>• <i>Walk-way across the pipe bridge connecting a big bike/walking path around the lake.</i></li> <li>• <i>Skateparks!</i></li> </ul>
<b>Rehabilitate the environment.</b>	<ul style="list-style-type: none"> <li>• <i>Wetlands trees and catering for native birds</i></li> <li>• <i>Help endangered animals find a safe new home in some surrounding areas.</i></li> <li>• <i>Consider planting bee friendly plants and flowers as we need more</i></li> </ul>
<b>Clean energy solutions</b>	<ul style="list-style-type: none"> <li>• <i>Hydrogen should be produced and stored on site. Hydrogen will likely be used for trucks, buses and industrial mobile plant in the future.</i></li> <li>• <i>Alternative batteries and educational collaboration facilities (e.g., USQ, UQ, GRIFFITH and QUT all coming together with CleanCo and other energy tech companies)</i></li> <li>• <i>Thermal Energy Storage (TES) to convert the power station into a large battery should be the main focus of any development.</i></li> </ul>
<b>Trust (lack of)</b>	<ul style="list-style-type: none"> <li>• <i>Ipswich has lost trust in anyone portraying projects in a dirty industry that will benefit community.</i></li> <li>• <i>I lack the confidence that any ideas put forward by the community will have any relevance, and the government have never listened to the people of Ipswich before</i></li> </ul>

### 4.1.3. Social Map

Participants were invited to explore the map below to understand the key land areas and share their ideas for different locations.

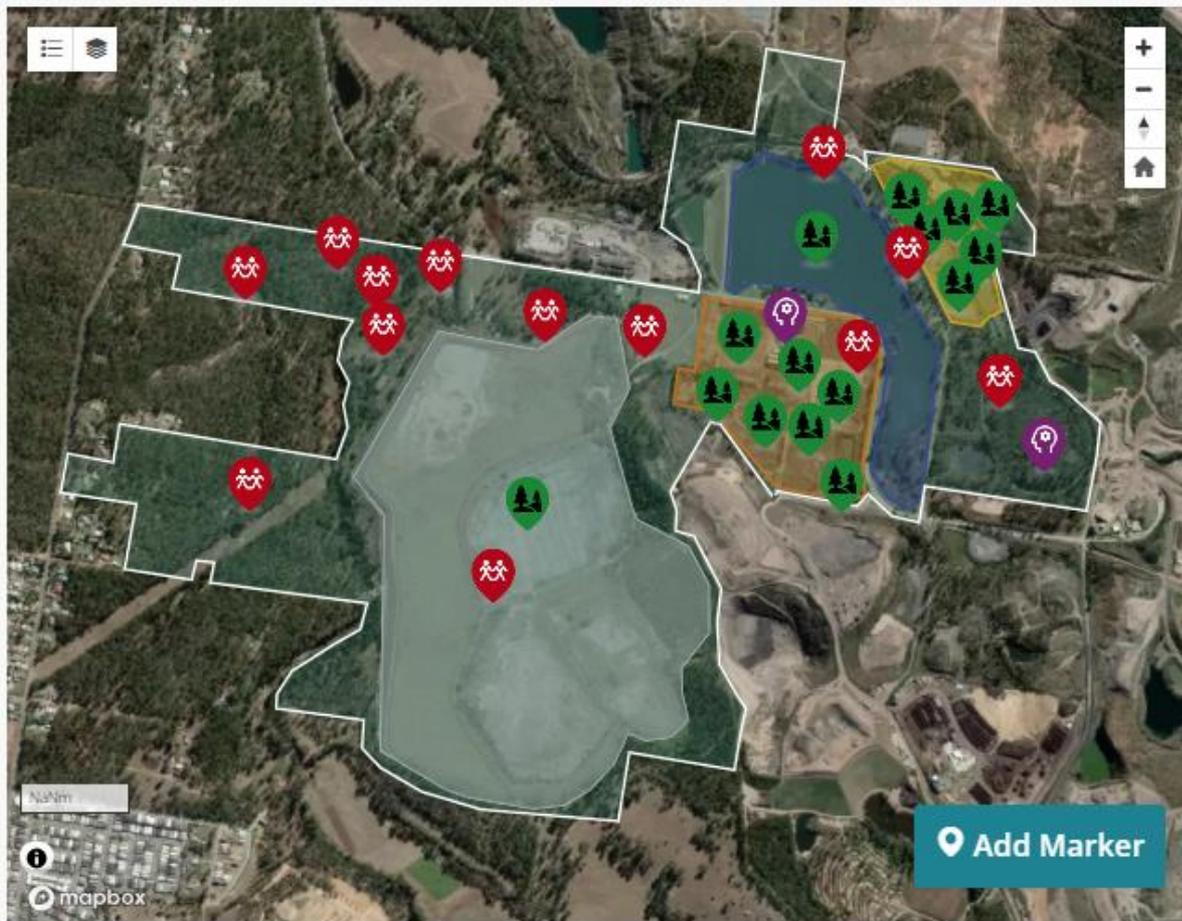


Figure 7. Social map from Reimagine Swanbank website.

The graph below reflects the key themes identified in the map submissions.

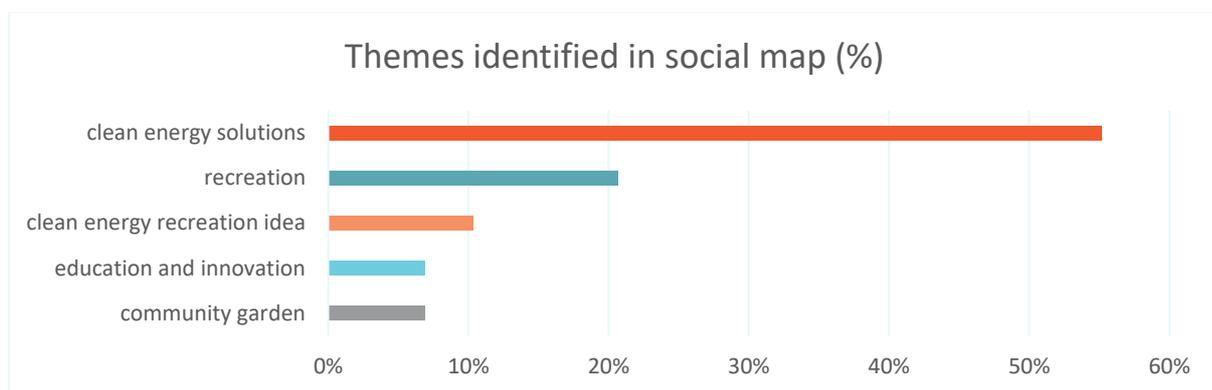


Figure 8. Themes identified in social map on Reimagine Swanbank website (%).

The table below provides examples of the comments received for each theme.

Theme	Related comment
Clean energy solutions	<ul style="list-style-type: none"> <li>Iron flow batteries sound a bit more sustainable than lithium ion ones. They just use iron, salt and water. <a href="https://reneweconomy.com.au/new-big-battery-in-town-as-australia-tests-biggest-iron-flow-system-outside-us/">https://reneweconomy.com.au/new-big-battery-in-town-as-australia-tests-biggest-iron-flow-system-outside-us/</a></li> <li>Flywheel energy storage? <a href="https://beaconpower.com/carbon-fiber-flywheels/">https://beaconpower.com/carbon-fiber-flywheels/</a></li> <li>More energy can be stored in ceramics at a higher temperature but they are still in their infancy. Companies include <a href="https://rondo.com/">https://rondo.com/</a> <a href="https://www.mgathermal.com/">https://www.mgathermal.com/</a> <a href="https://kraftblock.com/en/">https://kraftblock.com/en/</a> . Graphite heat storage is another option.</li> </ul>
Recreation	<ul style="list-style-type: none"> <li>I would love to see a new Basketball Stadium built here. Basketball is a wonderful game for all ages and skills, it brings people together, provides youth with a sense of belonging and a great fun way to keep fit.</li> <li>provisioning for walking/cycling paths that connect to Redbank Plains/Ripley/Raceview.</li> <li>open space with different 4wd obstacles.</li> </ul>
Clean energy recreation idea	<ul style="list-style-type: none"> <li>Electric Scooter Race Track <a href="https://www.youtube.com/watch?v=QLEqrUTHFqA">https://www.youtube.com/watch?v=QLEqrUTHFqA</a></li> <li>CleanCo branded electric steam locomotive or hydrogen fuel cell electric demonstrator <a href="https://en.wikipedia.org/wiki/Electric-steam_locomotive">https://en.wikipedia.org/wiki/Electric-steam_locomotive</a> or <a href="https://www.alstom.com/press-releases-news/2021/6/coradia-ilint-alstom-presents-worlds-first-hydrogen-passenger-train">https://www.alstom.com/press-releases-news/2021/6/coradia-ilint-alstom-presents-worlds-first-hydrogen-passenger-train</a></li> <li>how about a cycling gym with static bicycles that generate electricity from the rotational kinetic energy? Would need storage technology: <a href="https://www.ecorenewableenergy.com.au">Generate Electricity From a Spin Bike Workout: Bicycle Generator (ecorenewableenergy.com.au)</a></li> </ul>
Education and innovation	<ul style="list-style-type: none"> <li>Technology - information and education building. Could include viewing areas.</li> <li>Bringing together industry and education to collaborate and help achieve a better future.</li> </ul>
Community Garden	<ul style="list-style-type: none"> <li>vertical farm that utilises solar power and is predominantly self-sustainable. See similar technology in Singapore: <a href="https://www.permaculturenews.org/2014/07/25/vertical-farming-singapores-solution-feed-local-urban-population/">https://www.permaculturenews.org/2014/07/25/vertical-farming-singapores-solution-feed-local-urban-population/</a></li> <li>First Nations Garden</li> </ul>

#### 4.1.4. Clean Energy preferences

The community was invited to indicate preferences regarding clean energy production and storage options for the site. There were only three (3) responses to this engagement question and as such, is too small a sample to be considered representative of wider community sentiment. The three most preferred clean energy options were:

1. Gas Turbines (zero emissions)
2. Big Battery Energy Storage Systems
3. Thermal storage

## 4.2. Face to Face Engagement

In the 12-week period (7 March – 22 May 2023) CleanCo Qld participated in five community events across four locations:

- Ripley Markets x2
- Springfield Orion Markets
- King George Square – QLD Energy & Jobs Plan Roadshow
- Ipswich Show (3 days).

It is estimated that >300 engaged with CleanCo staff across all pop-up events. This number is an estimate calculated from the records kept for some of the sessions. 300 equates to approximately 42 people per day. There was a total of 457 contributions in the form of a “dot” vote on the dotmocracy, or a contribution to the social map across all face-to-face engagement.

At these events CleanCo asked the community two of the questions from the online survey. Participants placed a dot next to their preferred option.

1. “What economic & community initiatives would you prefer to see at Swanbank?” (214 dots) and
2. “What environmental enhancement measures would you prefer to see at Swanbank?” (204 dots)

Community was also invited to contribute their ideas on post -it notes on an activity that repeated the online social map tool. There were 39 contributions to the map.

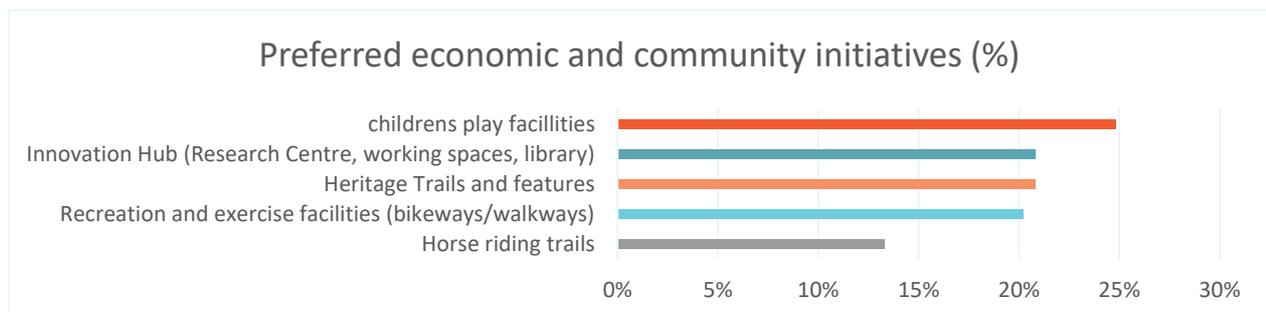


Figure 9. Dotmocracy results: preference for economic and community initiatives.

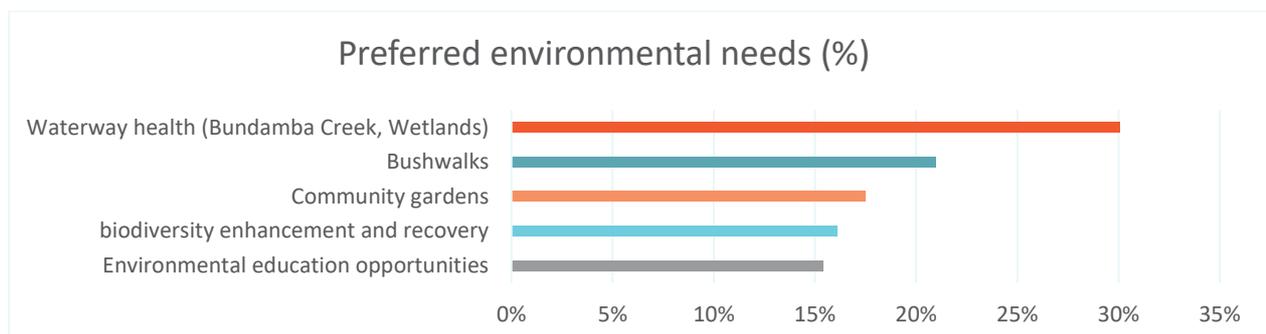


Figure 10. Dotmocracy results: preferred environmental enhancements.

Community members were also asked to note down their ideas on a large map of the site. This activity mirrored the online social map tool. Participant responses were analysed and themed into broad categories (39 responses).

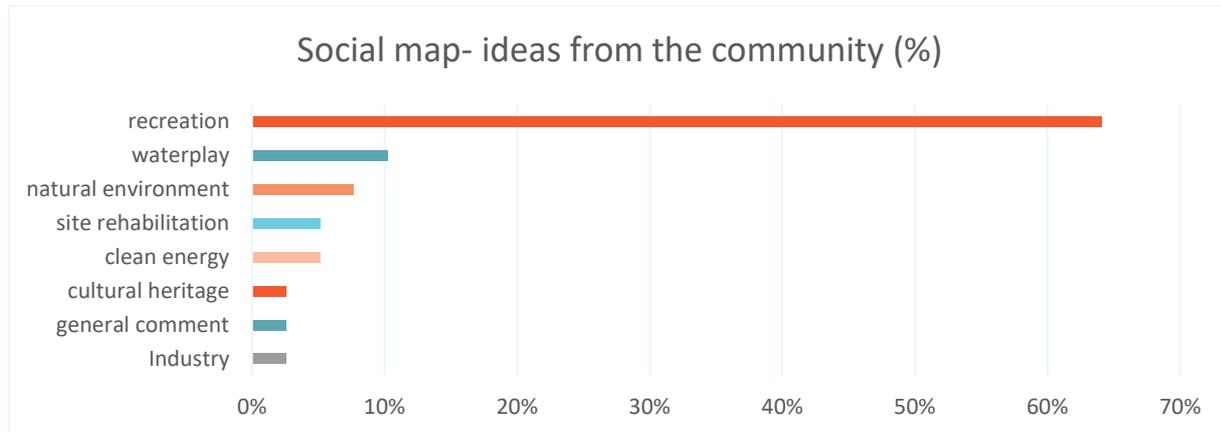


Figure 11. Social map - ideas from the community (%).

### 4.3. Social Media

A desktop audit of relevant Facebook comments related to Reimagine Swanbank was undertaken to capture broader community sentiment. There were 11 comments received and 16 "likes" on these comments.

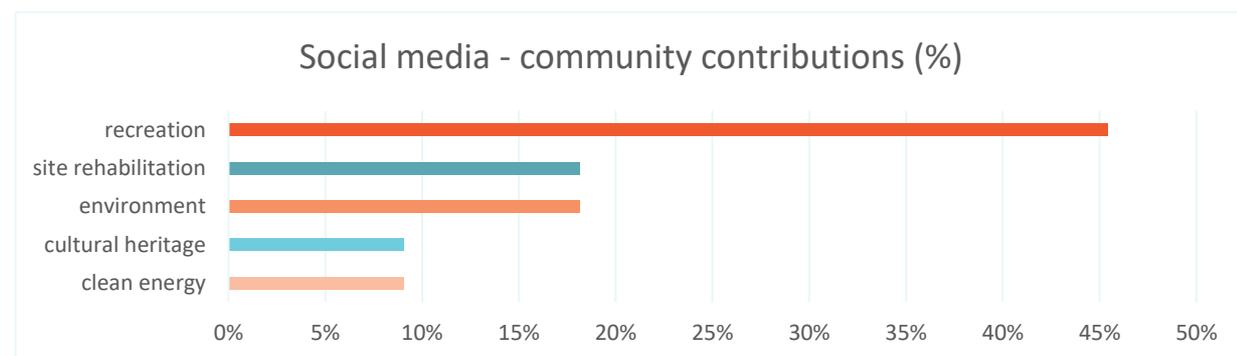


Figure 12. Social media - community contributions (%).