



Legatus Group Waste Management Advisory Committee

AGENDA

13 April 2023 10.30am

Microsoft Teams meeting

Meeting ID: 495 627 747 700 Passcode: ahE8SV

1. **Welcome / Open meeting**

Chairman Mayor Mark Wasley to open the meeting.

2. **Attendance:**

Members: Mayor Mark Wasley (Adelaide Plains), Stephen Rufus (Peterborough), Ivan Nolte (Copper Coast), Tom Jones (Adelaide Plains), Aaron Curtis (Barossa), Lynette Seccafien (Adelaide Plains) and Andre Kompler (Yorke Peninsula).

Non-Members: Mayor Rodney Reid, Simon Millcock, Paul Chapman and Tracey Rains (Legatus Group) and Wendy Bevan (KESAB).

3. **Apologies:** Gary Mavrinac (Barossa)

4. **Conflict of Interest**

5. **Minutes of previous meeting**

Draft Minutes from the previous meeting held on 16 February 2023 were distributed to all members and can be found at <https://legatus.sa.gov.au/wp-content/uploads/2023/02/DraftMinutes16.2.23.pdf>

These minutes will be provided to the Legatus Group at their 19 May 2023 meeting.

Recommendation: That the Legatus Group Waste Management Advisory Committee minutes of the 16 February 2023 be taken as read and confirmed.

6. **Business arising**

6.1 **Waste Management Authorities Workshop**

Paul Chapman – to provide verbal update.

Recommendation: The committee notes the update.

6.2 **Regional SA Materials Recovery Facilities (MRF)**

Author Simon Millcock

Paul Chapman has provided the following information to the Legatus Group CEO after his follow up discussions with UniSA.

Description

The Legatus Group has previously partnered with UniSA to build a model of regional waste management costs. The model takes into account the distances involved and the cost in transporting material to an aggregation site. It provides estimates of the current costs of managing five major waste streams including comingled recyclables. This project will use the model to investigate the potential to establish a regional MRF. It will generate updated estimates for current costs and those that might pertain with one or two regional MRFs. The researchers also intend to add an estimate of the CO₂(e) of each scenario.

Aim

The proposal is to use the model to determine:

1. The benefits that come from separating comingled materials in the regions at one or two regional MRFs (some revenue is generated and compaction makes transport to Adelaide cheaper).
2. The optimal location(s) for one and two MRFs which minimises total costs.
3. Estimates of the cost savings for each participating Council.

Scope

This project concerns the comingled recyclable materials collected by some South Australian regional Councils. The MRF will be defined by the researchers in collaboration with consulting firm, Rawtec. The project will model the cost implications of different choices of location for one or two regional MRFs. The Councils involved are all within the Regional LGAs of the Legatus Group, Eyre Peninsular and Riverlands and Murraylands.

Process

The work would be in three stages.

- Stage 1 would be conducted in collaboration with Rawtec and would define a regional MRF. This work will set out what will be separated and how, re-examine the estimated capital and operating costs and add the implications of this regional MRF in terms of transport costs for and revenues from now-separated materials.
- Stage 2 would involve adjusting the model to reflect updated cost estimates of current practices and the defined MRF and then use the model to identify the lowest cost site(s) for the facility; done by repeatedly running of the model using different aggregation sites.
- Once the optimal locations have been determined, Stage 3 would estimate the cost implications for each Council in the relevant regions and would prepare a report for them, including a recommendation regarding proceeding to a future, full funding application to build the MRF.

Timing and primary tasks

The project will take 6 months to complete and would begin in January 2024, subject to funding confirmation.

Task	Timing of completion
Stage 1	Week 6
Stage 2	Week 14
Stage 3	Week 20
Final report	Week 26

Costing and contributions

The Legatus Group and other regional LGA's would be required to seek funding with the Legatus Group manage the project. Professor Rameezdeen will provide in-kind supervisory support of one hour per week, valued at the rate of \$120 per hour. Dr Chapman will work in his capacity as an Adjunct at UniSA with Professor Rameezdeen. The UniSA team will also employ a part-time Research Assistant.

An indicative costing for this work is provided in the table below.

Organisation	Amount	In kind
UniSA (including levy)		
Cash	8875	2400
Rawtec	7410	
Total	16285	2400

Recommendation: That the committee notes the report and recommends that the Legatus Group provides in principal support and that they seek to gain support from the Eyre Peninsula and Murraylands and Riverland LGA's before considering any recommendations to progress with investigating the potential for a regional MRF.

6.3 MoU with Lions / working with community groups.

Author Simon Millcock

6.3.1 What is happening with Municipal Solid Waste

Following the 16 February 2023 Advisory Committee meeting there were 2 recommendations and there has been a draft project brief developed for the ***“Audit of the hard and soft infrastructure including community, business and council facilities and programs that are currently being undertaken.”***

The draft project brief was distributed and feedback sought and provided which has resulted in the updated project brief below. Whilst there was a site visit to IWS sites including to Dublin.

Project Brief

Scope

To develop a report for the Legatus Group Waste Management Advisory Group on what is happening with Municipal Solid Waste (MSW) within the Legatus Group.

The focus is to identify opportunities of how councils and or the Legatus Group and community groups could be supporting each other noting that this may also involve business and industry. This is to assist councils with reaching their diversion targets of waste to landfill.

There is an apparent lack of understanding across the region of who is doing what with reference to resource recover associated with what is or would be MSW.

Areas for consideration needs to include:

1. High unit value e.g., not cardboard that has a low value to volume ratio.
2. Materials that are currently significantly under-utilised by recycling (or currently recycled in low value use). *It is important not to create problems along existing recycling supply chains when encouraging new activities by community groups.*
3. Non-hazardous.

There are likely to be more but those criteria suggest things like second-hand items e.g., furniture, building timber, farm fencing, etc all of which are already at the WTS, most of which subsequently goes to landfill.

Report to be provided via 2 stage approach which will involve support from the advisory committee.

Stage 1 – Finalise input for initial research via current reports / desk top - online searches. Develop and circulate survey to member councils and or community groups. Then as needed follow up with organisations, businesses and councils to clarify what they are currently or considering doing especially in the area of collaboration.

Stage 2 – Collate and develop a draft report before finalising and presenting to the Legatus Waste Management Advisory Committee (WMAC) with relevant recommendations for consideration by the Legatus Group.

Purpose

To progress opportunities for the MoU with Lions and identify other opportunities for councils to work with community groups via informed recommendations from the WMAC to the Legatus Group.

This may include increased investment by councils, business and communities that could lead to grant funding for sub-regional or regional projects.

Plus, it is part of the Action Plan for the Legatus Group Waste 2021-2026 Legatus Group Waste and Resources Recovery Strategy which includes to develop regional partnerships and support community initiatives.

Background

Legatus Group MoU with Lions International has the following key points:

- Developing regional partnerships and support community initiatives associated with the circular economy and reducing waste to land fill;
- The identification of key community led priorities by both organisations regarding a regional approach to waste management with the view to developing, impending, reviewing and monitoring community and an evidence based approaches to support and secure funding including for research and any other relevant opportunities;
- Identifying and supporting Lions with their engagement on waste management with Legatus Group member councils, regional waste organisations and other community organisations;
- Development of co-authored publications, communications and dissemination of information;
- Support for developing and increasing volunteer based solutions;

- Identify opportunities for State based collaborations beyond the boundaries of both organisations;
- Where applicable and to undertake projects that are associated with Waste and Resources Recovery.

KESAB Legatus Group and working with KESAB to identify a series of relevant programs that KESAB could be providing across the broader Legatus Group region. They currently work with some member councils on an individual basis. Economies of scale and consistency of messaging could be of value to member councils and the region.

Community Groups There are a number of community groups who are undertaking resource recovery across the region and these have yet to be fully identified and understood.

Industry The Legatus Group is home to some of SA's major Waste Industry Businesses along with a number of medium and small businesses. These include such companies as IWS – Dublin, Cleanaway – Inkermann and Clare Valley Waste.

Councils There are as outlined in the 2021-2026 Legatus Group Waste and Resources Recovery Strategy and Action Plan a series of facilities which are owned or operated by Councils – can these be better utilised in ways that will involve community engagement – citizens science – working as sustainability centres. Example of what Peterborough may become.

Work to date On 2 February 2023 a workshop was held in Two Wells with invite to Barossa, Light, Clare and Gilbert valleys and Wakefield Regional Councils along with Lions International and Fathers Farm from Nuriootpa. Barossa Councils sent an apology and there was no representative from Light.

An initial meeting was held in Dec 2022 with Legatus Group CEO, Lynette Seccafien and Pat Williams Lions Club the following points formed the basis of the workshop which explored potential projects / collaborations:

- Awareness / Education – consistency in what is available across the various parties – where and when e.g., Community Events – markets / shows / concerts
- Staging of events – workshops / forums / displays e.g., composting.
- Council requirements with grant funding for waste
- Community container programs

This workshop focussed on role of volunteers / community groups and councils with possibility of working at regional level. There were 3 keys areas discussed:

1. Education: Assistance to help educate / promote the initiatives that councils and community groups are doing. Discussed the role of KESAB in being able to support with proposal being sought by some councils and the Legatus Group. Areas identified included new bin systems being introduced, community based approaches to green waste (composting), recycling and separation of waste at source. Need for not only printed online but also face to face interaction as part of education and noted the ageing of many volunteers. Noted that there would be value in a central coordination – information hub awareness of who was doing what including in the volunteer space.
2. Container Return and Earn: Discussions centres on what is the current return rate for cans and bottles in the Legatus Group – does this open up opportunities for collective – community led alliances is there opportunity for reverse vending machines. With around 76% return rate for SA not clear on the rate for the Legatus Region or Regional SA with many towns not having a depot. Further investigation required – audit of what we do have in the region in supporting waste reduction / recycling etc. Investigate the wine bottles – how

much is going into land fill – can communities use these for footpath material have their own crushers.

3. Micro – material recovery facilities – micro factories: Following the success of Fathers Farm with e-waste can this be replicated across the region with not just e-waste but other types of waste. Discussions on what facilities are there currently – council or community owned. Can councils support not for profits with some of these – have a regional sub-regional approach with different community groups taking on different waste streams. E.g. Two Wells Waste facilities sitting idle and could provide base for community group.

Timelines

April – Draft survey & distribute survey and investigate opportunities to break down data for the Legatus Group Region.

May – Collate responses / discuss at the 12 May forum – draft report.

June – Report.

Recommendation: That the committee notes the report and supports the development and distribution of the survey.

6.3.2 Investigates the level of container returns in the region both for deposit and non-deposit.

Author Simon Millcock

Following the 16 Feb 2023 Advisory Committee meeting some initial discussions have been held around the complexity of gaining information on this matter.

The Legatus Group CEO has met with John Vanzo at GISA and further follow up is required with Recycling SA.

Recommendation: That the committee notes the report.

6.4 Co-hosting the Waste Forum with KESAB

Author: Simon Millcock

At the time of preparing this agenda the final program has yet to be confirmed. The Waste Management Forum Draft Program as of 24 March 2023 is:

Peterborough – Town Hall Friday 12 May 2023

09.30	Registrations + morning tea
10.00	Acknowledgement of Country and Welcome to Peterborough Mayor Ruth Whittle (OAM), District Council of Peterborough
10.05	Opening of Forum Mayor Rodney Reid, Wakefield Regional Council and Chairman of the Legatus Group.
10.10	Legatus Group Waste and Resources Recovery Strategy and Action Plan Update Simon Millcock CEO Legatus Group

- 10.20 Regional Waste Management Authorities
What they are, what they might do and how to establish one
 Paul Chapman, Project Manager, Legatus Group
What experience can we learn from other regions?
 Simon Grenfell, CEO, The Fleurieu Regional Waste Authority
- 10.50 KESAB session to include.
 Waste Audits *Findings from Kerbside Bin Audits*
 + 3-4 Case studies – community / councils etc working together.
- 11.45 IWS – Red Centre tbc
- 12.15 Lunch
- 12.45 GISA and the regions tbc *SA Government Policies and Programs*
Food Waste Report
 ???, The Planning Exchange
- 1.30 Focus on Organics
Organics Processing in Regional SA
 Paul Chapman, Project Manager, Legatus Group
Trial Compost Site
 Stephen Rufus, CEO, District Council of Peterborough
- 2.20 – 3.00 Pilot Plant Site Visit *Peterborough Organics Pilot Plant Project*
 Stephen Rufus, CEO, District Council of Peterborough

Recommendation: That the committee notes the report.

6.5 KESAB options paper/proposal (Wendy Bevan to attend and discuss)

Author Simon Millcock

KESAB have provided the attached Waste & Recycling Education Options for Schools, Business and Community options paper / proposal (Attachment A) for consideration.

The Legatus Group Waste and Resource Recovery Strategy Actions include the delivery of community education and that the Legatus Group assists with procurement/implementation of the preferred education model and that member councils will determine their preferred education model.

Recommendation: That the committee notes the report and supports the KESAB options paper being distributed to member councils for their feedback.

6.6 Household Hazardous Waste Collection

Author Simon Millcock

Following the presentation by Marina Wagner at the last Advisory Committee meeting support has been provided via the distribution of information to the surrounding councils of Port Augusta for the household hazardous waste collection occurring there on 6 May 2023.

The Legatus Group CEO distributed information to member councils to see who may be interested in hosting something similar in the coming financial year. Responses have been received from Port Pirie Regional Council, Adelaide Plains Council, Yorke Peninsula Council, Goyder Regional Council and The Barossa Council.

Justin Lang from GISA has indicated that subject to interest from councils GISA would be happy to support a couple of clustered regional HHW events. He indicated that, timely communication is fundamental to a successful event. This is best achieved with a flyer mail-out to all residents.

In the case of Port Lincoln and Whyalla events in May, these are being distributed with the 3rd quarterly rates notices by each council - saves on postage and get to a large number of residents. The timing of those events is such that the events are scheduled shortly after the mail-out (ideally ~2 weeks later).

They avoid staging HHW events over the Summer months, and there's usually 3-4 months required for the planning. On this basis I'd recommend emulating what we're about to do and aim for April mail-out for 2024.

Host councils are required to provide a suitable secure (& covered) location such as a works depot or transfer station where the site can be set-up the day prior – and to provide day labour to assist with traffic management and unloading of vehicles.

Whilst not hosting can seem a disappointment, it can be a blessing in disguise as the main event is free to all households in South Australia – and adjoining councils can still bring in material collected in the preceding days from residents who aren't able to make the journey. This involved a lower time commitment / drain on resources.

Whether there are one or two separate events, from past experience weekends are better attended – and with adequate preparation and promotion we'd be happy to schedule Saturday events (rather than weekday events and have residents miss the event). The only requirement we have is for agreement from CEO ahead of the event to meet the above labour costs, with GISA meeting the cost of contractor labour, mobilisation, set-up and processing of eligible hazardous waste material.

In the past councils have met the cost of printing, but GISA will design and print flyers for host Councils. For info also, whilst the events are promoted as "Household" Hazardous waste days, farm chemicals are also eligible and accepted (other than empty containers which should be collected via drum muster). Pending interest, he is happy to discuss further to see if there are a couple of locations that might work best for everyone.

Recommendation; That the committee notes the report and supports the Legatus Group CEO in attempting to secure support from GISA and member councils for 3 locations Northern / Central (Yorke Peninsula) & Southern in April 2024.

7. Other Business

8. Close and next meeting.