

Moved J Taylor Seconded D Welford

That the Kangaroo Island Natural Resources Management Board (the Board):

- 1 **Notes** the status of the Biosecurity program.
- 2 **Approves** the Finance and Audit Committee considering an out of session paper which details the feasibility of allocating \$62k to extending the Biosecurity program to June 2019 and assessing its impacts on the board's 2018/2019 budget.
- 3 **Approves** the Finance and Audit Committee providing an out of session recommendation to the Board on whether to support or decline the extension proposal

Carried

4.3 In Camera Paper

The board noted that the matter under discussion is still commercial in confidence and therefore the paper should be dealt with in camera.

Motion

Moved P Rismiller Seconded C Wickham

That the Board

1. **approves** under the provisions of Clause 3(5) of Schedule 1 of the *Natural Resources Management Act 2004* an order be made that the public be excluded from attendance at the meeting in order to consider, in confidence, a matter on the grounds of Clause 3(5). Commercial in Confidence.

Carried

Motion

Moved J Taylor Seconded D Welford

That the Board

1. **approves** that all documentation relating to the above matter be kept confidential, pursuant to Clause 4(3) of the said Act until a review of in-camera decisions conducted by the Finance and Audit Committee at the end of each financial year and approval by the Board releases the documentation.

Carried

R Ellis joined the board at 11:00 am

4.4 Collaboration with Seaton High Unmanned Aerial Vehicle Program to trial African Boxthorn Mapping and Control on Kangaroo Island

R Ellis, Manager Parks and Sustainable Landscapes, provided an overview of a proposed trial project to address the issue of African Boxthorn mapping and control. The board noted the risk to coastal raptors where being mitigated through the use of exclusion zones and induction processes. The benefit to Natural Resources Kangaroo Island included learnings gained from the trial.

The board supported the program and was excited that Kangaroo Island had been chosen. The board would like to see how the project could be applied to a feral animal control program and requested that opportunities be provided to ensure Natural Resources Kangaroo Island staff working with feral animal control meet with the project's organiser and technical staff.

Motion

Moved C Wickham Seconded D Welford

That the Kangaroo Island Natural Resources Management Board:

4.6 Governance Schedule 2018-2019

The Board noted the Governance Schedule which is a tool for the board to monitor progress towards meeting the board's audit and governance responsibilities. The board noted that this schedule will be a standing item on the board agenda.

The board noted that several board member terms will end in 2019. It is assumed the membership process will continue until the *Natural Resources Management Act 2004* is revoked.

Motion

Moved P Rismiller Seconded J Taylor

That the Kangaroo Island NRM Board:

1. **notes** the Kangaroo Island NRM Board's governance schedule for 2018/2019
2. **notes** the July/August Status Report which summaries actions taken to meet the schedule of governance activities
3. **requests** the governance schedule be a standing item on board agendas.

Carried

4.7 Sponsorship for the Parndana Show Society

The board accepted the invitation to sponsor the Parndana Show Society at a Double Gold Sponsorship. The Presiding Member acknowledge the success of past show's at Parndana and quality of the displays

Motion

Moved D Welford Seconded P Rismiller

It is recommended that the Board:

1. **Approves** supporting the Parndana Show Society for 2018 with a Double Gold Sponsorship of \$600.00.

Carried

4.8 Biosecurity Advisory Committee

The board approved the nomination of Bev Overton, Richard Glatz and Venetia Bolwell to the Biosecurity Advisory Committee for a further two years from 1 July 2018 subject to no further nominations being received by the due date.

Motion

Moved C Wickham Seconded P Rismiller

That the Kangaroo Island NRM Board,

1. Subject to no further nominations being received prior to 31 July 2018, **approves** the nomination of Venetia Bolwell, Richard Glatz and Bev Overton to the Biosecurity Advisory Committee for a further two year term, commencing 1 July 2018.
2. **Endorses** the Terms of Reference for the Biosecurity Advisory Committee subject to the following amendments:
 - Correction of position title of Regional Director
 - Correct title of Board Governance Manual.

Carried

4.9 Nature Foundation SA Collaboration and Next Steps

The Presiding Member acknowledged the success of the Nature Foundation SA (NFSA) workshop and the board's desire to continue to work with the Foundation to deliver good biodiversity conservation outcomes on Kangaroo Island.

implications for Kangaroo Island. The board noted that while it is still early in the delivery of each commitment, progress is being made and there will be flow-on benefits for the region.

Motion

Moved D Welford Seconded P Rismiller

That the Kangaroo Island Natural Resources Management Board:

2. **notes** the activities of the A/Regional Director since the previous meeting
3. **noted** the update on the election commitments relevant to Department of Environment and Water.

Carried

6.3 Board Members' Reports

6.3.1 P Rismiller: The board noted that an SBS television crew were on the island last week interviewing locals regarding feral cat eradication and Science week will be held in August.

6.3.2 D Welford: The draft minutes of the Bushfire Management Committee held 18 May were tabled.

6.3.3 J Taylor: attended a Biodiverse Carbon Project meeting. At the meeting it was noted that the project budget will be reduced and the members worked through options to reduce the scope of the project. J Taylor raised concern at the knowledge gap between consultants and department staff in regard to how carbon trading works and regulatory schemes. This knowledge gap needs to be filled rapidly as the call for Expression of Interest will commence next month with planting commencing in late August.

Resolved

That the Kangaroo Island Natural Resources Management Board:

1. **Notes** the activities of Board members since the previous meeting.

6.4 Board Agency Representatives Reports

6.4.1 PIRSA report

The board noted the PIRSA written report

Motion

Moved P Clements Seconded P Rimiller

That the Kangaroo Island Natural Resources Management Board:

6.4.1 Notes the activities of agencies since the previous meeting and the PIRSA report.

Carried

6.5 Communications and Media: Community Engagement Activities

Motion

That the Kangaroo Island Natural Resources Management Board:

1. **accepts** the community engagement activities held in the period 1 March – 30 June 2018

Carried via the Consent Schedule

6.6 Communications and Media: Community Engagement Activities

Motion

That the Kangaroo Island Natural Resources Management Board:

1. **accepts** the communications report for 1 March 2018 – 30 June 2018.

Carried via the Consent Schedule

If Kangaroo Island can produce its own electricity it can decrease pressure on cost of living (by 15-30%), reduce cost of inputs for agriculture and viticulture. A by-product would be increased security, quality and quantity of potable water for the community and employment creation.

Where are we at?

Investigating a solution that joins up challenges and takes on a much wider mantle of responsibility. This solution would produce:

- **Reliable base-load power** by using biomass to create syngas to power the generation plant eg wood chip or any form of wood waste eg waste from harvesting timber.
- Use syngas as a feedstock for **ammonia/urea** agrochemical production (benefits to local agriculture and viticulture industries and potential by-product for sale on mainland).
- Use waste heat to drive a distillation unit to provide **fresh potable water** at a price with would allow use by agriculture and human consumption.

Outcome of initial work

- Environmental Energy Australia and Mumford Commercial consulting partnership.
- Technical Solution – anything we can burn can be gasified – inputs can include any burnable waste.
- Will not produce commercial quantities of biochar.
- Water – island has water challenges. SA Water has indicated they will install a second salinity plant which will need electricity. The solution being proposed can produce 300 -1300 kilolitres daily distilled water by using waste steam/hot water and the cost base confirmed to be viable for irrigation.
- By products can be converted to ammonia or urea which are easily transported products. Initial indication is that the solution can produce 16,000 tonnes. Can increase production of urea, through using steam to break down gas to produce liquid ammonia/urea and may be able to produce quantities for sale to offset costs.

The solution is both about making opportunities for use on island and cost effective.

Proposed site for the project:

KI Resource and Recycling Centre is being consider as this site is zoned industrial, has no native vegetation or heritage issues, is well-serviced and a good site to commence exploring options.

Cost of project

- Need 2.2M for full feasibility
- ARENA (Australian Renewable Energy Network Agency) – 3 of 4 priorities are addressed by this project)

Next steps

- Seeking funding for full feasibility study from Commonwealth, ARENA, Clean Energy Finance Corp, Regional Growth Fund and State Regional Growth Fund
- Funding co-investment – Green Bond for capital raising, potential co-funding equity partners and/or commercial lending facilities
- Full feasibility study will take 6-9 months to complete and therefore the project has the potential to be initiated in March 2019
- Council input anticipated, at this stage, to be an in-kind contribution of CEO time only.

This is not new technology – the innovative bit is how things are tied together and the opportunity to build something that will provide flow on effects.

Questions:

Q1: Has ARENA looked at availability of biomass material to support these energy production?

R: ARENA has completed a biomass audit around Australia and confirmed there is sufficient material available.

Q2: Successful business are looking to reduce labour and the assumption here is that there is a timber industry on the island with a high commitment to labour due to the need to transport the product?

R: 100,000 tonnes of timber and waste will be produced by the commercial forestry industry on KI. There are two businesses involved– one is harvesting and transport and one is the production of electricity. Off set of labour costs is the reduction in electricity costs.

Q3: Where does this go to from here?

R: We commence engagement with relevant government agencies and seeking supporting letters to take to ARENA.

Q4: Who will own the biomass plant?

R: There are a range of options but these are dependent on the findings of the feasibility study. If the mechanics of the green bond are viable, this will provide solid opportunity for involvement and ownership by islanders.

The board thanked Mr Boardman and noted he is available to respond and talk to members about the project and community benefit.

Mr Boardman left the meeting at 1:40 pm

9. Next Meeting

Resolved

That the next meeting be held on Friday 24 August at 1:00 pm in the Board Room, 35 Dauncey Street Kingscote.

The Board noted that C Wickham will be an apology for the next meeting.

10. Closure

The Meeting closed at 2:40 pm

Signed:



Richard Trethewey
PRESIDING MEMBER
KANGAROO ISLAND NATURAL RESOURCES MANAGEMENT BOARD

Date: 24 August 2018