

Actions from GISERA SA Regional Research Advisory Committee Meeting 30 May 2018

Key

Action Open
Action Due/overdue
Action complete/in train

	Item	Action	Owner	Due	Status
1.	30-05-18 Item 3A	Action 1 : The research proponent to collaborate with the relevant government department researcher throughout this project including on the Technical Reference Group to ensure there is no duplication of efforts.	Research proponent	18 June 2018	
2.	30-05-18 Item 3A	Action 2 : The research proponent to look at possible cost reductions resulting from collaboration.	Research proponent	18 June 2018	
3.	30-05-18 Item 3A	Action 3 : The research proponent to look at intersection with wetlands.	Research proponent	18 June 2018	
4.	30-05-18 Item 3A	Action 4 : The research proponent to remove reference to NSW and QLD methodology.	Research proponent	18 June 2018	
5.	30-05-18 Item 3B	Action 5 : The research proponent to consider wording changes around potential contamination or potential impact.	Research proponent	14 June 2018	

6.	30-05-18 Item 3B	Action 6 : The research proponent to explicitly include information from report South East Regional Groundwater Quality, Monitoring, Evaluation and Reporting Program, EPA, VE23868, 21 October 2014.	Research proponent	14 June 2018	
7.	30-05-18 Item 3B	Action 7 : The research proponent to ensure consideration of regulatory controls be stated upfront and undertaken earlier in the project.	Research proponent	14 June 2018	
8.	30-05-18 Item 3B	Action 8 : The research proponent to include wetlands and surface water impacts in Objective 2.	Research proponent	14 June 2018	
9.	30-05-18 Item 3B	Action 9 : The GISERA Deputy Director to initiate development of a second study as described above.	GISERA Deputy Director	8 June 2018 (ready for early July submission to RRAC)	
10.	30-05-18 Item 3C	Action 10 : The research proponent to ensure number of people to be interviewed is specified in proposal.	Research proponent	14 June 2018	
11.	30-05-18 Item 3C	Action 11 : The research proponent to include a survey question - what are perceived benefits and negative impacts on the local brand? (Resulting from review of Attachment F).	Research proponent	14 June 2018	
12.	30-05-18 Item 3D	Action 12 : The research proponent to change the project title.	Research proponent	14 June 2018	
13.	30-05-18 Item 3D	Action 13 : The research proponent to consider opportunities to supply more competitive gas in South East of SA.	Research proponent	14 June 2018	

14.	30-05-18 Item 3D	Action 14 : The research proponent to consider opportunities to expand, price gauging, ownership, limitation of fully developing resource and economic costs of now developing the resource.	Research proponent	14 June 2018	
15.	30-05-18 Item 3D	Action 15 : The research proponent to consider the infrastructure requirements to grow industry as a result of more gas being found.	Research proponent	14 June 2018	
16.	30-05-18 Item 3D	Action 16 : The research proponent to make reference to cogeneration.	Research proponent	14 June 2018	
17.	30-05-18 Item 3E	Action 17 : The research proponent to consider all the questions raised above and following discussion with Energy department, will resubmit to the RRAC as part of the tranche 2 proposals.	Research proponent	October 2018	
18.	30-05-18 Item 3F	Action 18 : The research proponent to ensure title and corresponding text is changed from agriculture to primary industries.	Research proponent	14 June 2018	
19.	30-05-18 Item 3F	Action 19 : The research proponent to contact Gerry Davies to determine key people in PIRSA to liaise with.	Research proponent	14 June 2018	
20.	30-05-18 Item 3F	Action 20 : The research proponent to discuss this project with Peta Crewe, Regional Development Australia.	Research proponent	14 June 2018	
21.	30-05-18 Item 3F	Action 21 : The research proponent to consider the two government documents listed above.	Research proponent	14 June 2018	
22.	30-05-18 Item 3F	Action 22 : Protection brand to be written into Objective 4c.	Research proponent	14 June 2018	

Minutes

GISERA SA Regional Research Advisory Committee Meeting No. 1

Wednesday, 30 May 2018

Nandina West Room, Majestic Roof Garden Hotel, 55 Frome Street, Adelaide

OPENING

The meeting of the GISERA South Australian Regional Research Advisory Committee (RRAC) was called to order at 9.40 am on Wednesday, 30 May 2018.

PARTICIPANTS

Damian Barrett: Director - Gas Industry Social and Environmental Research Alliance (GISERA) and Research Director - Onshore Gas, Energy Business Unit (CSIRO)

Lynne Cobiac: Deputy Director and Science Director, Health & Biosecurity (CSIRO)

Andrew Curtis: CEO (Livestock SA) and CEO (South Australian Dairyfarmers' Association)

Peter Gandolfi: Mayor (Wattle Range Council) and Chair, Regional Development Australia – Limestone Coast

Tony Hill: Deputy Director, Geoscience & Exploration Branch, Energy Resources Division (Department of the Premier and Cabinet)

Stuart Sharman: Viticulturist & Grazier, and Chair (Limestone Coast Grape and Wine Council Inc.)

Darren Shelden: Chairperson (Green Triangle Regional Plantation Committee)

Other attendees:

Jizelle Khoury: GISERA Executive Officer (CSIRO)

Dan O'Sullivan: GISERA Deputy Director (CSIRO)

Apologies:

Anne Jensen: Environmental Consultant (Healthy Rivers Ambassador for Murray-Darling Basin & Honorary Research Associate, Nature Foundation SA)

ITEMS FOR DISCUSSION

ITEM 1. Welcome, Introductions, Apologies overview of GISERA and goals for the day

The GISERA Director welcomed all members to the meeting and provided an overview of GISERA and the schedule for the day.

It was noted that Anne Jensen was unable to attend, but had provided comments out of session.

ITEM 2. Understanding each other's expectations

The GISERA Director explained the role of the RRAC.

ITEM 3A. PROJECT PROPOSAL

Groundwater balance in the gas development areas of South East South Australia

The GISERA Director provided a summary of the project proposal.

Key points raised:

- It was noted that the model developed as part of this project will have broader application and will be used for the 'Onshore gas water quality impacts for south east South Australia' research proposal (attachment B of meeting papers).
- It will be important to build on work already done by the SA Department of Environment and Water to ensure value add and avoid duplication.
- The CSIRO research proponent should engage with Ben Bruce, Neil Power or Dave Williams to identify a relevant researcher from SA government that was involved in the groundwater model and who could provide input into this project. The individual may also participate in the project's Technical Reference Group.
- This research proposal will need to acknowledge the ongoing collaboration with the relevant SA government department researcher and also be adjusted to take into account the previous model developed, explaining how the new model proposed will build on existing one.
- Given the interactions with the relevant government department and use of information already available, the research proponent should revisit the budget to explore possible reductions.
- It would be good to explain/demonstrate the amount of water in laymen's terms e.g. Olympic swimming pools (provides perspective).
- It is important that the research proponent looks at the intersection with wetlands.
- Reference to methodology in NSW and QLD to be removed in proposal.

Outcome: The RRAC would like to research proponent to revise the proposal taking to account all the points raised, and submit a revised proposal via email to the RRAC for consideration.

Action 1: The research proponent to collaborate with the relevant government department researcher throughout this project including on the Technical Reference Group to ensure there is no duplication of efforts.

Action 2: The research proponent to look at possible cost reductions resulting from collaboration.

Action 3: The research proponent to look at intersection with wetlands.

Action 4: The research proponent to remove reference to NSW and QLD methodology.

ITEM 3B. PROJECT PROPOSAL

Onshore gas water quality impacts for south east South Australia

The GISERA Director provided a summary of the project proposal.

Key points raised:

- Wording changes required around potential contamination or potential impact - assuming there will be impact.
- Information from EPA report 'South East Regional Groundwater Quality, Monitoring, Evaluation and Report Program' should be incorporated explicitly into this project.
- There was support of inclusion of mitigation measures.
- Consideration of regulatory controls has to be stated upfront and undertaken earlier in the project.
- This work needs to include wetlands and surface water impacts in Objective 2.
- This project will tell you how far a contaminant will go, not what the contaminant is. This work will consider passive tracers.
- Project title should be amended to 'Onshore gas water quality identification of causal pathways for south east South Australia' or 'Onshore gas water contaminants: pathways and causes'.
- A second study should be developed that provides a comprehensive look at the chemicals being considered. What are the impacts? The study is to be on residual risks that remain after regulatory processes and current industry management approaches.
- How or what is currently in place with policy and industry. List out. See for example, South East Regional Groundwater Quality, Monitoring, Evaluation and Reporting Program, EPA, VE23868, 21 October 2014.
- Would be good to know - what the contaminant may be and what is the risk of it leaving a well or pond.
- What is the impact to people and environment from the potential contamination? What are the potential implications? Can this be reduced further by industry management or regulation? Include baselines of certain compounds: natural and synthetic. Include decommissioned wells.
- Need to identify the important receptors potentially impacted in the region.

Outcome: The RRAC approved this project, subject to the actions below being addressed to the satisfaction of the GISERA Director.

Outcome: The RRAC requested that a second study be developed that will link with this project and will characterise contaminants, the lifecycle and their risks.

Action 5: The research proponent to consider wording changes around potential contamination or potential impact.

Action 6: The research proponent to explicitly include information from report South East Regional Groundwater Quality, Monitoring, Evaluation and Reporting Program, EPA, VE23868, 21 October 2014.

Action 7: The research proponent to ensure consideration of regulatory controls be stated upfront and undertaken earlier in the project.

Action 8: The research proponent to include wetlands and surface water impacts in Objective 2.

Action 9: The GISERA Deputy Director to initiate development of a second study as described above.

ITEM 3C. PROJECT PROPOSAL

Community wellbeing and attitudes to conventional gas development in the South East of South Australia

The GISERA Director provided a summary of the project proposal.

Key points raised:

- Ensure the proposal lists the number of people to be interviewed.

Outcome: The RRAC approved this project, subject to the actions below being addressed to the satisfaction of the GISERA Director.

Action 10: The research proponent to ensure number of people to be interviewed is specified in proposal.

Action 11: The research proponent to include a survey question - what are perceived benefits and negative impacts on the local brand? (Resulting from review of Attachment F).

ITEM 3D. PROJECT PROPOSAL

Assessing the value of conventional gas in South Eastern South Australia

The GISERA Director provided a summary of the project proposal.

Key points raised:

- The project title should be changed to 'Assessing the value of locally produced conventional gas in South Eastern South Australia'.
- The project needs to consider what are the realistic opportunities to supply gas more competitively in South East SA and what the obstacles are (e.g. current pipeline configuration). There are obvious infrastructure questions that affects the value of gas in the region. The work will have to explore the question of: what infrastructure is needed to improve gas supply in region?
- The project also needs to consider:
 - what are the opportunities to expand the gas supply competition, price gauging and ownership;
 - what are limitations of fully developing the resource due to current pipeline constraints; and
 - economic costs of not developing the resource.
- Need to look at opportunity costs - will the work be diminished if economic costs are not mentioned?
- Proposal to include what happens if gas is not expanded and include a discussion on obstacles.
- What are the infrastructure requirements to grow industry as a result of more gas being found?
- Proposal should make reference to cogeneration.

Outcome: The RRAC approved this project, subject to the actions below being addressed to the satisfaction of the GISERA Director.

Action 12: The research proponent to change the project title.

Action 13: The research proponent to consider opportunities to supply more competitive gas in South East of SA.

Action 14: The research proponent to consider opportunities to expand, price gauging, ownership, limitation of fully developing resource and economic costs of now developing the resource.

Action 15: The research proponent to consider the infrastructure requirements to grow industry as a result of more gas being found.

Action 16: The research proponent to make reference to cogeneration.

ITEM 3E. PROJECT PROPOSAL

The role of gas in South Australia's energy futures

The GISERA Director provided a summary of the project proposal.

Key points raised:

- There was concern about the current uncertain policy environment within which this work would be conducted.
- The RRAC requested that this proposal be put on hold and reconsidered with the second tranche of proposals in order for more information to be gathered including:
 - Who else has set the scene in this area (e.g. Grattan Institute); what are the gaps?
 - Where are the new SA government policy settings likely to be and how will they influence this project?
 - What are the risks and concerns this work is going to answer?

Outcome: The RRAC decided to put this project on hold until the above questions can be answered and that this work can be discussed in more details with Energy department before coming back to the RRAC.

Action 17: The research proponent to consider all the questions raised above and following discussion with Energy department, will resubmit to the RRAC as part of the tranche 2 proposals.

ITEM 3F. PROJECT PROPOSAL

Understanding natural gas impacts and opportunities on agriculture in the South East of South Australia

The GISERA Director provided a summary of the project proposal.

Key points raised:

- The project title and corresponding text need to be changed from agriculture to primary industries, making sure that references to industries include agriculture, forestry, and viticulture. New title 'Understanding natural gas impacts and opportunities on primary industries in the South East of South Australia'.
- The research proponent should speak to Gerry Davies (PIRSA) as first point of contact to direct CSIRO researchers to key people in PIRSA.
- It was also suggest that the research proponent talk this project through in detail with Peta Crewe, Regional Development Australia and consider her for project's Technical Reference Group.
- The research proponent should consider the following government documents:

- PIRSA, Limestone Coast Region – Development Potential for agriculture, forestry and premium food and wine from our clean environment, November 2013
- Regions in Focus Brochure, Limestone Coast
- Protection of brand is critical to understand; this must be made more prominent in the work and to be written into Objective 4c.
- The community wellbeing survey should include a question - what are perceived benefits and negative impacts on the local brand?

Outcome: The RRAC approved this project, subject to the actions below being addressed to the satisfaction of the GISERA Director.

Action 18: The research proponent to ensure title and corresponding text is changed from agriculture to primary industries.

Action 19: The research proponent to contact Gerry Davies to determine key people in PIRSA to liaise with.

Action 20: The research proponent to discuss this project with Peta Crewe, Regional Development Australia.

Action 21: The research proponent to consider the two government documents listed above.

Action 22: Protection brand to be written into Objective 4c.

ITEM 4. OTHER BUSINESS

No items raised.

NEXT MEETING

The next meeting of the SA Regional Research Advisory Committee is yet to be scheduled. It is anticipated that a meeting will occur once further proposals are established.

Damian Barrett adjourned the meeting at 2.57pm.

Minutes submitted by: **Jizelle Khoury**

Minutes approved by: **Damian Barrett**