



GISERA | Gas Industry Social and Environmental Research Alliance

Minutes of the Queensland Research Advisory Committee Meeting No. 17 held via video on Friday, 4 April 2025

OPENING

The meeting of the CSIRO GISERA Queensland Research Advisory Committee (RAC) was called to order at 9.03 am (AEST) on Friday, 4 April 2025.

PRESENT

Damian Barrett:	GISERA Director (CSIRO)
Tom Measham:	Research Director (CRC for Transformations in Mining Economies, UQ)
Sanjeev Pandey:	Executive Director, OGIA (QLD RDMW)
Campbell Noble:	HSE Manager (Australia Pacific LNG)
Mack Dreyer	Head of Environment – Land and Water (Origin Energy) – for Thomas Flottman

Other participants:

Cameron Huddlestone-Holmes:	GISERA NT State Leader (CSIRO)
Jizelle Khoury:	GISERA Executive Officer (CSIRO)

Apologies:

Andrew Drysdale:	Managing Director (Alsajad Natural Research Management)
Trish Leddington-Hill:	Health Care Sector, Southern Rural Queensland
Thomas Flottmann:	Origin Chief Geoscientist (Origin Energy)

1. WELCOME, APOLOGIES AND ADOPTION OF AGENDA

The GISERA Director welcomed all members to the meeting.

Apologies were received from Andrew Drysdale, Trish Leddington-Hill and Thomas Flottmann.

The agenda was unanimously approved as distributed.

Trish Leddington-Hill provided comments out of session and those comments were conveyed to the committee.

ITEMS FOR DISCUSSION

2. ACTIONS FROM PREVIOUS MEETING

Action 15-06-23 Item 7 for the ongoing provision of GHG/methane measurements information will remain open.

All other actions from the previous meeting have been completed.

3. PROJECT PROPOSAL

Laboratory Based Evaluation of Cement Degradation Processes in CSG Wells in Queensland

The GISERA Director provided a summary of the project proposal.

Key points raised:

- It will be important that the sourcing of cement formulations are reflected on what is used in industry.
- Any potential biases from service providers (of a commercial interest nature) must be put to the side when participating in the technical reference group.
- The proposal should include in the 'Prior Research' section reference to the work that has already been undertaken with regards to public understanding/education of this issue e.g. in GISERA project 'Decommissioning CSG wells' it was evident that while well integrity was of great concern to landholders, it was poorly understood.
- There needs to be a public dimension to communication of results, that incorporates the history of interest and the concern. It is also important for the researchers and the communication to be able to accurately get the timeframe of any potential degradation contextually correct in the conveyance of information and results.
- While there is a difference between drilling and construction of petroleum wells to that of water bores, as part of the literature review, it may be worthwhile contacting water bore drillers to ascertain any crossover.

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

Action: The research proponent to revise the 'Prior Research' section to include previous work on the 'Decommissioning CSG wells' project.

4. PROJECT STAGE GATE / DECISION POINT

Sources and mobility of gas in formations below the Walloon Coal Measures

- As part of stage one, the researchers collected geological and hydrochemistry data and maps of wells that were then used to develop a database. Based on those observations, the researchers came up with a series of conceptual models which were presented to the RAC.
- The first task of stage two will be to build a geological model (based on information obtained from OGIA's groundwater model), then based on the geological model, the team will develop a regional (simplified) petroleum systems model (fit for purpose), with the outputs used for numerical modelling.
- It was confirmed that the model will take into account the biogenic reduction of CO₂ to methane and that the petroleum model being built will extend to both Surat and Bowen basins.
- The need for the research proponent to continue interactions with OGIA and the industry to ensure a two-way conduit of information was emphasised.
- To help address emerging issues, overall support was provided to proceed to the final stage (stage 2) of this project.

Outcome: The QLD RAC provided approval to proceed with stage two of this project.

ITEMS FOR NOTING OR DISCUSSION BY EXCEPTION

5. OTHER BUSINESS

No matters raised.

NEXT MEETING

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

MEETING CLOSE

The meeting closed at 11.01 am (AEST).

SUMMARY OF ACTIONS FROM GISERA QLD RAC MEETING #17 – 4 APRIL 2025

Agenda Item	Action
04-04-25 Item 4	The research proponent to revise the 'Prior Research' section to include previous work on the 'Decommissioning CSG wells' project.

SUMMARY OF ACTIONS CARRIED OVER FROM PREVIOUS MEETINGS

Agenda Item	Action
15-06-23 Item 7	CSIRO to continue to provide information to State Government and industry stakeholders on information derived from GHG/methane measurements undertaken as part of CSIRO GISERA research in the Surat Basin.