



Australia's National
Science Agency

GISERA | Gas Industry Social and Environmental Research Alliance

Progress report

Queensland CSG well integrity: cements, steels and microbial activity



Progress against project milestones

Progress against milestones/tasks are approved by the GISERA Director, acting with authority in accordance with the [GISERA Alliance Agreement](#).

Progress against project milestones/tasks is indicated by two methods: [Traffic light reports](#) and descriptive [Project schedule reports](#).

1. Traffic light reports in the Project Schedule Table below show progress using a simple colour code:

- **Green:**

- Milestone fully met according to schedule.
- Project is expected to continue to deliver according to plan.
- Milestone payment is approved.

- **Amber:**

- Milestone largely met according to schedule.
- Project has experienced delays or difficulties that will be overcome by next milestone, enabling project to return to delivery according to plan by next milestone.
- Milestone payment is withheld.
- Milestone payment withheld for second of two successive amber lights; project review initiated and undertaken by GISERA Director.

- **Red:**

- Milestone not met according to schedule.
- Problems in meeting milestone are likely to impact subsequent project delivery, such that revisions to project timing, scope or budget must be considered.
- Milestone payment is withheld.
- Project review initiated by GISERA Director.

2. Progress Schedule Reports outline task objectives and outputs and describe, in the 'progress report' section, the means and extent to which progress towards tasks has been made.

Project schedule table

TASK NUMBER	TASK DESCRIPTION	SCHEDULED START	SCHEDULED FINISH	COMMENT
1	Project management, stakeholder engagement and communication management	Duration of project		
2	Data collection and collation	1 Feb 2023	30 Apr 2023	
3	Steels	1 Apr 2023	30 Jun 2023	
4	Cements	1 Apr 2023	31 Jul 2023	
5	Microbial aspects of well integrity	1 Feb 2023	30 Apr 2023	
6	Final report compilation	1 Jul 2023	31 Dec 2023	
7	Communications	1 Apr 2023	31 Dec 2023	

Project schedule report

TASK 1: Project management, stakeholder engagement and communication management

BACKGROUND

This project will require engagement with industry and industry subcontractors to obtain information around materials (cements and steel) and operational choices. Furthermore, communication with the UQ Centre for Natural Gas and various government regulatory agencies, at the inception of the project, are key component of this task. This task also includes time for the project leader to manage the project and undertake administrative actions associated with project progress. Further, communications of GISERA research are an important component of outreach and dissemination of findings to diverse audiences, time to facilitate these activities are also included here

TASK OBJECTIVES

Engage with industry, industry partners, universities, and government agencies to obtain information for the project, manage project staff and deliverables, communicate project objectives, progress and findings to stakeholders through meetings, knowledge transfer session, factsheet and journal article, in collaboration with GISERA Communications officers.

TASK OUTPUTS AND SPECIFIC DELIVERABLES:

Communicate project objectives, progress and results to GISERA stakeholders according to standard GISERA project procedures which may include, but not limited to:

- 1) Obtain Ethics Committee approval for conducting workshops with community stakeholders
- 2) Complete milestone reports, undertake project team meetings

- 3) Engage with industry and industry subcontractors and record these interactions via the GISERA communications register.
- 4) Undertake Knowledge Transfer session(s) with Government/Gas Industry
- 5) Presentation of findings to Community members/groups
- 6) Preparation of article for GISERA newsletter and other media outlets e.g. The Conversation
- 7) Revision of project factsheet to include final results (a factsheet is developed at project commencement, and another will be done at completion)
- 8) Peer reviewed scientific manuscript ready for submission to relevant journal
- 9) Work with GISERA communications to organise Task 7.

PROGRESS REPORT

This task is due for completion at the duration of the project.

TASK 2: Data collection and collation

This task is due for completion in April 2023.

Variations to Project Order

Changes to research Project Orders are approved by the GISERA Director, acting with authority, in accordance with the [GISERA Alliance Agreement](#). Any variations above the GISERA Director’s delegation require the approval of the relevant GISERA Research Advisory Committee.

The table below details variations to research Project Order.

Register of changes to Research Project Order

DATE	ISSUE	ACTION	AUTHORISATION

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GISERA is a collaboration between CSIRO, Commonwealth and state governments and industry established to undertake publicly-reported independent research. The purpose of GISERA is to provide quality assured scientific research and information to communities living in gas development regions focusing on social and environmental topics including: groundwater and surface water, greenhouse gas emissions, biodiversity, land management, the marine environment, and socio-economic impacts. The governance structure for GISERA is designed to provide for and protect research independence and transparency of research.