

Legatus Group CWMS Advisory Committee

11th February 2021

Council Chambers

Kadina

<https://us02web.zoom.us/j/86736379200?pwd=OXBlanBCN0pKUIFjQ2FpcWExYTAvZz09>

Meeting ID: 867 3637 9200

Passcode: 638492

AGENDA

1. Welcome and apologies

Andrew MacDonald (Chair)

2. Previous Minutes

Draft Minutes from the meeting of the Legatus Group CWMS Advisory Committee (the Advisory Committee) on 12th November 2020 can be found below.

Andrew MacDonald Chair of the Committee provided a report which included the minutes of this meetings to the 27 November 2020 Legatus Group meeting. That meeting noted the report and supported correspondence to LGA Mutual thanking them for their involvement with the Legatus Group CWMS Risk Workshop.

3. Matters Arising

3.1 PhD Internships

The two Internships are now well underway. One is focussed on CWMS capital expenditure, specifically the options for expansion of a Scheme that is reaching its capacity and, the other, into the options for developing regional composting facilities that would include CWMS sludge as an input. The Committee will hear from both researchers at the next meeting.

This item is for **noting**.

3.2 CWMS Discussion Paper

As the minutes show, the last meeting was concerned that the draft of this Paper had the right tone for SAROC, between making the positive case for improvement and avoiding too negative an impression about Council's governance of CWMS. The Paper was presented to the Executive Officers of the Regional LGA and the LGA Secretariat. Following the meeting with the Regional LGA EOs, SAROC Chair and LGA Secretariat it was agreed that the discussion paper be provided to the LGA CWMS Management Committee for their consideration.

This item is for **discussion**.

3.3 Proposed CWMS training course

The LGA has undertaken to finalise the content of this course in consultation with the State government regulators and LGA training. It is understood that a request for quotation will then be prepared to have the content transformed into a script to be subsequently produced as an online, on-demand training course.

This item is for **noting**.

4. Legatus Strategic Plan

The Legatus Group of Councils are conducting a Strategic Plan Review Workshop. The Workshop has been delayed twice due to Covid restrictions but has been rescheduled for 5th March.

Prior to the Workshop a survey has been conducted which includes CWMS under Goal Three of the current plan which is to 'Support development and infrastructure that contributes to sustainable communities'. The survey ranked wastewater activities as third most important of 14 issues.

Legatus CEO, Simon Millcock, will speak to the Review and its relationship to the Advisory Committee at the meeting.

5. CWMS Conference

The Conference will be held on 24th and 25th March at the Whyalla campus of UniSA. The proposed agenda (which can be found below) indicates the three elements: regulators, where we will hear from OTR and ESCOSA; CWMS and regional Councils which is about the present and future of that relationship; and, research and technology where the Conference will hear from our partners at UniSA. In addition to the items in the proposed agenda, consideration is also being given to involve industry.

It is proposed that the cost to attend is \$75. A Welcome to Whyalla Dinner is planned for the 24th, attended by Mayor Clare McLaughlin and with guest speaker Mr Jim Kelly, Arris. Once the program is finalised, invitations will be sent for registration. The LGA and the Regional LGAs will assist with promotion.

The Advisory Committee is asked to **comment on** the proposed agenda for the Conference.

6. Remote condition monitoring of CWMS pumps

The key milestones for this project can be found below. They are the subject of a Research Agreement between Legatus and the UniSA.

The meeting will be attended by Professor Chris Chow and Dr Linda Shi from UniSA and Dr Vinay Sriram from IPACS, who are principals in this project. Vinay will bring the sensors to be installed on the pumps of the Copper Coast Council and members will have the opportunity to view the equipment and ask questions of the visitors.

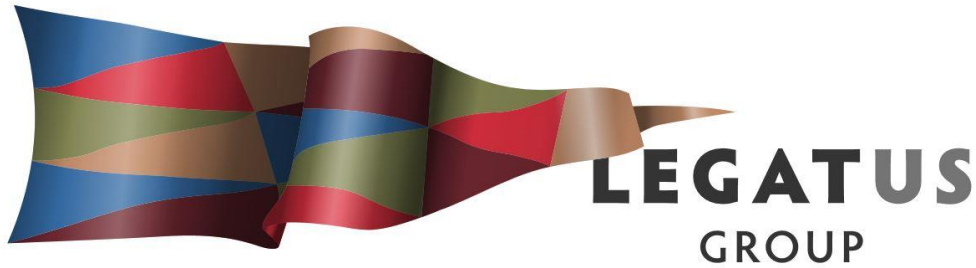
Lunch will be provided for all and members might wish to follow on to the pump station to further view the installation process.

7. Any other business

At the time of writing there is no other business for the meeting.

8. Date of next meeting

9. Close



Legatus Group CWMS Advisory Committee

10th November 2020

Kadina Sports and Leisure Centre

(draft) MINUTES

10. Welcome and apologies

Andrew MacDonald (Chair) opened the meeting at 1.30pm and welcomed members present Adam Broadbent, Matt McRae, Riaz Uddin, Gary Easthope and Hayden Battle along with Paul Chapman. Andrew also welcomed Michelle Wittholz, CWMS Manager at the LGA, and Suresh Rao from the Clare and Gilbert Valleys Council and noted an apology from Simon Millcock.

11. Previous Minutes

Draft Minutes from the meeting of the Legatus Group CWMS Advisory Committee (the Advisory Committee) on 12th August 2020 were accepted as correct.

12. Matters Arising

3.4 PhD Internships

The Advisory Committee noted that both internships are now under way and members look forward to reviewing the work progressively in the lead up to the CWMS Conference in March 2021 where both pieces of work will be presented.

3.5 CWMS Discussion Paper

The Advisory Committee is yet to receive the draft of this Discussion Paper and the matter was addressed in strategic terms. It was thought important to ensure that the tone of the document was right, between making the positive case for improvement and avoiding too negative an impression about Council's governance of CWMS.

Much of the discussion reflected on the position of operational staff who confronted the daily challenges of CWMS and the need to register those challenges more clearly with senior Councils staff. The problems associated with using contractors to operate CWMS was also canvassed, along with the need for a business case assessment for bringing activities back in-house. Positive points were also made about the benefits of CWMS and the long time frame needed to assess their performance. The lack of awareness of CWMS was seen as a major issue.

The meeting determined that the process of drafting the Discussion Paper should proceed in collaboration with the LGA and that a draft then be circulated among the Advisory Committee members for their comment. The possibility of reframing the document for the LGA rather than for SAROC was raised but no decision made.

3.6 Proposed CWMS training course

The Advisory Committee endorsed the request to extend this project by a month into 2021.

3.7 Asset management by remote sensing proposal

Progress with this project was noted.

3.8 CWMS Risk Management Workshop

Members of the Advisory Committee and the guests at the meeting had attended this Workshop which was seen to be very worthwhile. The Chair observed that the identification of substantial risks could constitute the starting line for reform. The involvement of LGA Mutual was warmly welcomed.

13. CWMS Conference

The Advisory Committee noted the proposed agenda for the conference and looked forward to discussing it in more detail at the next meeting.

14. Any other business

The Project Officer provide a summary of a recent Draft Inquiry Report by ESCOSA that was received after the agenda materials were sent (*Inquiry into regulatory arrangements for small-scale water, sewerage and energy services. Draft Inquiry Report. ESCOSA, August 2020*).

This report proposes introducing the so-called verified trust and accountability model (VTA model) which the Advisory Committee had previously considered under the title of Ethically Based Regulation. The central idea is that CWMS licensees who the Commission has no reason to think is not customer focussed, financially sustainable and compliant with regulation would be regarded as Category A and would have reduced (but still significant) reporting requirements. Category B Councils would face so-called tailored regulation at least as tight as currently and would be named on the ESCOSA website. In addition, all Councils would be required to become members of the EWOSA and would incur fees to do so and if the Ombudsman adjudicated any complaints.

Discussion among the members concerned the potential for increased costs and reporting requirements. Given the important work of the Committee already underway, it was agreed not to make a submission to ESCOSA regarding the VAT model.

15. Date of next meeting

No date was set for the next meeting.

16. Close

The meeting closed at 3 pm.

Outline of Conference

Vision

This Conference will expand the conversation about Councils and CWMS. It will advance reforms, ideas and options for the future.

Objectives

The Conference gives CWMS folk the chance to

- Consider the results of commissioned research
- Hear from the regulators
- Discuss the big picture.

Themes

1. Regulators
 - a. ESCOSA's reform agenda: making compliance easier
 - b. OTR's view on CWMS skills and training
2. CWMS and regional Councils
 - a. Legatus' Discussion Paper / the current state of affairs
 - b. Options for the future
3. Research
 - a. How to expand capacity of a CWMS?
 - b. Smart maintenance
 - c. Some blue sky thinking

Program

Tuesday 24 th March	Welcome dinner
	Venue Sundowner (Peter to advise)
	Host Mrs Claire McLaughlin, Mayor of Whyalla
	Speaker Mr Jim Kelly, Arris
Wednesday 25 th March	CWMS Conference
	Venue ICC Room UniSA

Time	Event	Presenter
10 am	<i>Welcome</i>	Andrew Macdonald, <i>TBC</i> Chair Legatus CWMS Advisory Committee and CEO ...
10.15	<i>The Regulators</i> : introduction	Michelle Wittholz, <i>TBC</i> CWMS Manager, LGA
10.20	ESCOSA's reform agenda: making compliance easier	Mike Phillipson and Ashley Harbutt, Senior Regulatory Analyst, ESCOSA
10.45	OTR on skills and training for CWMS operators	Naomi Struve, <i>TBC</i> Manager, Water and Sewerage Infrastructure, OTR
11.15	<i>Morning tea</i>	
11.30	<i>CMWS and Regional Councils</i> : introduction	??
11.45	The CWMS Discussion	Paul Chapman Project Officer Legatus CWMS Advisory Committee
12.15	<i>Lunch</i>	
1.00	<i>Research</i> : introduction	Prof Chris Chow, UniSA
1.05	Expanding the capacity of a CWMS	Dr Linda Shi, UniSA
1.30	Condition monitoring of CWMS pumps	Dr Vinay Sriram, IPACS
1.45	Some Blue Sky Thinking	Masters students, UniSA
2.00	Workshop: LGA thinking about CWMS	Michelle Wittholz
2.10	Break out group discussions	
2.30	Feedback from groups	
2.45	The Legatus agenda for CWMS	Simon Millcock, <i>TBC</i> CEO of the Legatus Group
3.00	<i>Close</i>	

Milestones for Condition Monitoring Project

Milestone	Responsible	Completion date
<i>Specify sensors</i>	<i>IPACS and CCC</i>	<i>2 February</i>
<i>Sign Research Agreement</i>	<i>UniSA and Legatus</i>	<i>February</i>
<i>Purchase sensors</i>	<i>IPACS, CCC and Legatus</i>	<i>10 February</i>
<i>Install sensors</i>	<i>CCC and IPACS</i>	<i>Begin 11 February</i>
<i>Prepare 1st monthly report</i>	<i>Delta Asset Reliability (DAR) and IPACS</i>	<i>11 March</i>
<i>Present to CWMS Conference¹</i>	<i>UniSA, IPACS, DAR</i>	<i>24 March</i>
<i>Prepare 1st quarterly report²</i>	<i>DAR and IPACS</i>	<i>11 May</i>
<i>Set up Testlab for condition monitoring in UniSA I4.0</i>	<i>UniSA and IPACS</i>	<i>End June</i>
<i>Include in teaching program</i>	<i>UniSA</i>	<i>Study Period 5, 2021</i>
<i>Prepare 1st annual report³</i>	<i>DAR and IPACS</i>	<i>Feb 2022</i>
<i>Present to CWMS Conference</i>	<i>UniSA, IPACS, DAR</i>	<i>April 2022</i>
<i>Engage other CWMS Councils</i>	<i>Legatus Group</i>	<i>May – June 2022</i>
<i>Extend teaching and research program</i>	<i>UniSA</i>	<i>Study Period 2, 2022</i>
<i>Extend to other Legatus Council assets</i>	<i>Team</i>	<i>Early-mid 2022</i>