

# CRC TiME

Transformations in Mining Economies



## JULY NEWS



### From our CEO...

Our CRC TiME journey crosses another milestone as we formally celebrate our two year anniversary! Reflecting on our formative journey during the uncertainty of COVID, it was extremely fitting that our Board was able to come together for the first time in June. We are deeply privileged to have the depth of experience, skills and passion in our Board Directors and this was brought to the fore as their collective energy focussed on ensuring we are targeting the rate limiting steps to transforming mining economies.

This is also a time of change in our organisation as we mature. We bid two members of our senior management team farewell as Peter Zurzolo retires and Emma Yuen joins CSIRO. Peter and Emma have both made outstanding contributions to the

foundation phase of CRC TiME. Many will also be aware that Peter played a critical role in the two year lead up to our successful bid during his time as CEO with WABSI and I am very grateful for his commitment to helping us get started on our journey.

We have taken the opportunity to re-focus resources into Engagement, Translation and Impact. We welcome Jillian D'Urso from the Minerals Council of Australia as our External Relations and Impact Director, and will soon be recruiting a First Nations Engagement Manager, Business Manager and Regional Hub Officer. We also welcome Agnes Samper as Program Leader, Operational Solutions and Keryn Hassell as Research Project Manager.

As we move into year three, we are able to share important lessons and findings from our Foundational Projects through the Dig Deeper webinars, while planning and focussing on the next phase of projects and activities that can help our partners achieve change. Never before has the work and partnership of our CRC been more important as more closures are announced as a result of decarbonisation and energy transition. Commitments to net zero are driving innovation in how we repurpose mining assets and driving demand for new mines for critical minerals that need advanced mine closure planning to meet new development requirements and society expectations.

A great start to our journey with much more to come as we innovate to transform our mining economies.



## Forum

Following on from our successful inaugural

#CreatingConnections2021 virtual Forum, our 2022 Forum

#BreakingBarriers2022 is scheduled for Wednesday 23 and

Thursday 24 November. We are looking forward to hosting a face

to face event this year in Perth at ANZAC House on St Georges

Terrace, in the heart of the CBD.

Once again the event will be for partners and participants only, plus some selected special guests. You will shortly be receiving a

registration email. Numbers will be strictly limited this year with places allocated on a first come first serve basis. Each partner organisation will receive one complementary registration.

As many of you will be flying in from interstate, we will have discounted conference accommodation rates available at hotels near the Forum location.



### **First Nations Advisory Team**

We were delighted to announce the formation of the CRC TiME First Nations Advisory Team (FNAT) during NAIDOC week and welcome John Briggs, Liz Santo, Gerry Turpin, Bep Uink and Jim Walker (Chair) as the inaugural team members. The FNAT provides crucial advice to ensure First Nations engagement, participation and outcomes are considered in all CRC TiME project development and delivery processes. A key role of the FNAT is to provide feedback on developing proposals. An example of this is providing advice on engaging with Traditional Owners for the algae-based technologies for improved environmental outcomes and sustainable post-mining futures proposal, now in final stages of approval.



### **Board site visit to Collie**

In June, the CRC TiME Board visited the Western Australian town of Collie as the region progresses its transition away from coal mining. Visits to Lake Kepwari, the Motorplex complex and Cannaponics highlighted value in re-purposing of mining assets and economic diversification, while briefings and conversations with the Shire of Collie, WA Government and Yancoal representatives really demonstrated the commitment to collaboration in this journey of positive and just transitions.

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## Meet our new PhD candidates

We were delighted to announce two new scholarship recipients of our HDR scheme (Higher Degree by Research), James Purtill and Carolina Clerc Castro. They will complete their PhD's on specific industry defined issues and are embedded within CRC TiME partner organisations.

James is the Queensland Mine Rehabilitation Commissioner and his PhD topic is 'More and better mine rehabilitation – combatting inertia and enabling innovation in Queensland's coal mining industry' and forms part of CRC TiME's Regional Economic Development Program.

Carolina will work with a mine currently closing its operations in Chile to better understand the challenges, procedures, opportunities, and practicalities of a complex closure scenario involving multiple stakeholders.



James Purtill



Carolina Clerc Castro

[Read more about their ground-breaking work](#)

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## From the Research Director's desk...

CRC TiME recently commenced a new project on Improved Prediction, Remediation and Closure of Acid and Neutral Metalliferous Drainage (AMD/NMD) Sites. To kick the project off, a Theory of Change workshop was held in late June which I had the pleasure of attending, bringing together industry representatives, the project leader and CRC TiME management. As project leader, Sarah Harmer said: *“The initial Theory of Change Workshop helped clarify what impacts will be realised by the project and how these will be achieved. A key focus is on increasing the range of future land-use options that aren't impacted by acid mine drainage.”*

CRC TiME places strong emphasis on achieving real world impact when designing and implementing projects and the Theory of Change Process is a useful way to consider impact from the beginning.



[Read More](#)

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## Project Spotlight

### Foundations for Indigenous Inclusion

Project 5.2 ‘Foundations for Effective Indigenous Inclusion’ aim was to undertake a desktop review and provide recommendations to support CRC TiME’s commitment to be a leading practice provider of research that encompassed the aspirations of and provided solutions to issues identified by Indigenous Australians in transformations in mining economies.

The report was prepared by four authors from Curtin University, three of whom are Indigenous. Recommendations are founded on practices, policies, and procedures for Indigenous engagement and participation in research that have a demonstrated track record of delivering enduring mutually beneficial relationships with Indigenous Australians.

[Read More](#)

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## Latest CRC TiME Publications

[Comparative Closure: assessing the biophysical closure challenges of different mining methods](#)

[Mapping the Regulatory Framework of Mine Closure](#)

[Regulation of Mine Closure Planning and Pilbara Agreements Case Study](#)

[Post Mining Land Use – Practice Mapping Options: Ensham Coal Mine Case Study](#)

[Understanding local readiness for closure – initiating a multi-stakeholder participatory approach](#)

[Initiating a multi-stakeholder participatory approach to mine closure planning: The Rosebery case study](#)

[Integration of Biophysical Aspects in Mine Closure Planning](#)

[Post-mining land uses](#)

[Towards a framework for regional cumulative impact assessment](#)

[Towards an inventory of abandoned mines in Australia: risk, prioritisation, and opportunities](#)

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## Upcoming conferences

Some important dates on the horizon:

21 July 2022: [Dig Deeper Webinar - Framework for Environmental Assessment & Integrating the Biophysical](#)

19-21 July 2022: [Queensland Mining and Engineering Exhibition \(QME\)](#)

1-3 August 2022: [Diggers & Dealers](#)

5 August 2022: [Dig Deeper Webinar - AMD Risk & Abandoned Mines](#)



## Welcome to new CRC TiME Partners

[The Queensland Resources Council](#) (QRC) is the peak representative organisation of the Queensland minerals and energy sector. QRC works on behalf of its members to ensure Queensland's resources are developed profitably and competitively, in a socially and environmentally sustainable way.

QRC welcomes the partnership with CRC TiME to bring about meaningful research that can be translated into practical on-ground action in relation to rehabilitation and mine closure. It is also an opportunity to build on existing initiatives, and encourage greater collaboration between the mining sector and other stakeholders.

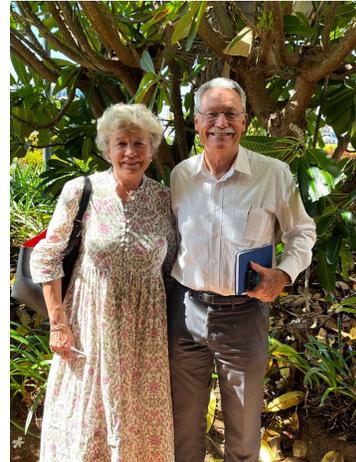
The sole purpose of [Greater Whitsunday Alliance](#) (GW3) is to



capitalise on the region’s economic potential. GW3 works closely with government and the private sector to create and develop new growth opportunities across multiple sectors. GW3’s participation in CRC TiME’s Bowen Basin Hub will enable them to put forward projects relevant to the sustainability of their mining communities, ensuring its region benefits from our national programs.

## Hub News

Since the release of our [15 initiatives](#), hub meetings were held in South Australia, South West WA, Bowen Basin and Latrobe Valley from March to April 2022, providing stakeholders a chance to discuss opportunities in the regions. Gove has elected to have key projects engage with other closure planning processes running in the region and Pilbara elected to link CRC TiME work with the economic development planning work related to hydrogen already occurring in the region.



A banner for a webinar. The background is a photograph of a rocky, hilly landscape with a small body of water. The text is overlaid on the image. On the left, it says 'THURSDAY 21 JULY 2022' in white. Below that is the 'DIG DEEPER Webinars' logo, where 'DIG DEEPER' is in large, bold, green letters and 'Webinars' is in a smaller, white, cursive font. To the right of the logo, it says 'FRAMEWORK FOR ENVIRONMENTAL ASSESSMENT &amp; INTEGRATING THE BIOPHYSICAL' in white, all-caps. At the bottom left, there is an orange button that says 'REGISTER NOW' in white. At the bottom right, there is small white text that says 'Photo Credit: Claire Côté'.

Missed one of our Webinars? Click below to catch up!

[Dig Deeper Webinars](#)

## Interested in joining CRC TiME?

Check out our jobs board to view the current job vacancies.

[Job Opportunities](#)

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We acknowledge the traditional custodians across all the lands on which we live and work, and we pay our respects to Elders both past and present.

