

## Our Performance

MRIWA commissioned ACIL Allen to undertake the Five Year Review of the MRIWA Act and an Economic Impact Assessment in 2018-19. The key findings of these two pieces of work are summarised below.

This section also contains the audited key performance indicators.



### MRIWA Five Year Review

As required under the *Minerals Research Institute of Western Australia Act 2013* (the Act), a review is required to be carried out as soon as practicable after the fifth anniversary of the commencement of the Act.

The review found MRIWA has been effective in meeting its overall objectives as established in its Act and Research Priority Plan, notwithstanding it has yet to meet its formal effectiveness KPI regarding funding leverage.

From an efficiency perspective, MRIWA's administrative costs have not increased beyond its original levels, averaging around \$1 million per annum or around 19 per cent of total expenditure between 2013-14 and 2017-18. The Institute has met its efficiency indicator in the last two years of operation as research funding commitments increased.

The MRIWA has an established governance and project selection process to ensure the funding provided to selected research projects is consistent with MRIWA's and the WA Government's strategic goals to support minerals research for the benefit of the State.

The full report can be located on the [MRIWA website](#).

### MRIWA Economic Impact Assessment

The direct benefits arising from 20 selected MRIWA projects will generate \$142.2 million in benefits over the ten years from 2018-19 to 2027-28 in real (2017-18) dollars. Using ACIL Allen's CGE model, *Tasman Global*, MRIWA's Minerals Research investment is forecast to deliver:



Using the ACIL Allen Benefit Cost Assessment framework, it is estimated MRIWA is forecast to deliver a net social benefit of \$37 million between 2018-19 and 2027-28, due to the research programs analysed in the study forecast to deliver \$54.5 million in benefits versus the cost to the State of the MRIWA's operations of \$17.4 million, resulting in a Benefit Cost Ratio of the MRIWA operations since its inception of 3.12.



The full report can be located on the [MRIWA website](#).



## Performance Management Framework

### Government Goal

Responsible financial management and better service delivery

### Outcomes and Services

To deliver on the government goal, MRIWA works to achieve the following outcomes through its services:

1. Fostering and promoting minerals research for the benefit of the State.
2. Administer research grant applications and manage approved projects efficiently.

### Measuring Our Performance

The Key Performance Indicators reported here are designed to provide measurable outcomes relevant to MRIWA's objective and functions as required by the *Minerals Research Institute of Western Australia Act 2013*.

### Changes to outcome-based management framework

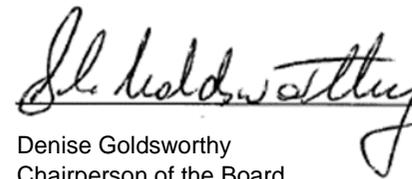
MRIWA's Outcome Based Management Framework did not change during 2018-19.

## Audited Key Performance Indicators

### Certification of Key Performance Indicators

#### For the year ended 30 June 2019

We hereby certify the key performance indicators are based on proper records, are relevant and appropriate for assisting users to assess the Minerals Research Institute of Western Australia's performance, and fairly represent the performance of the Minerals Research Institute of Western Australia for the financial year ended 30 June 2019.



Denise Goldsworthy  
Chairperson of the Board

Date: 13 August 2019



Helen Cook  
Deputy Chairperson of the Board

Date: 13 August 2019



## Key Effectiveness Indicator

Government Goal Responsible financial management and better service delivery

Outcome 1: Fostering and promoting minerals research for the benefit of the State.

One measure of the effect of MRIWA research investments is to use minerals royalties accruing to Western Australia and the economic impact of that research more broadly. However, it is difficult to measure the direct impact resulting from minerals research due to the duration of the research projects; the many other factors influencing implementation; and the timeframe between creation of knowledge and generation of royalties.

For these reasons, the key indicator of effectiveness for MRIWA demonstrates the increased value of research enabled by leveraging funds from third parties on the State Government investment through MRIWA.

Key Effectiveness Indicator	2016-17 Actual	2017-18 Actual	2018-19 Target	2018-19 Actual
Ratio of total cash investments in research projects to total approved MRIWA cash investment in those research projects <sup>(a), (b)</sup>	2.55	1.52 <sup>(c)</sup>	3	3.82 <sup>(d)</sup>

Notes:

- (a) Investment totals are for projects approved by the MRIWA Board in the reporting year.
- (b) Measure reported as a multiple.
- (c) The below target actual result is primarily the consequence of the Board making an investment of \$5,500,000 in the Future Batteries Industries (FBI) CRC: the return on investment through financial leverage by co-investors will only occur once the Participant Agreement and subsequent Project Agreements are signed allocating funding to specific research projects. It is anticipated the Participant Agreement will be signed Q4 2019 and Project Agreements Q1 2020 onward. Without including the investment in the FBI CRC, the Effectiveness Indicator is 2.44.
- (d) The above target result is as a consequence of the Board requiring demonstration of leverage of 3 or above in applications it approved throughout 2018-19.

## Key Efficiency Indicator

Government Goal Responsible financial management and better service delivery

Service 1: Administer research grant applications and manage approved projects efficiently.

The primary service provided by MRIWA is to identify research opportunities and resources, support the development of Grant applications and to manage a portfolio of approved projects.

The administration effort required of MRIWA to do so is measured as a function of the total financial scale of the portfolio of research projects.

The key indicator of efficiency demonstrates the focus on maximising investment in research projects and a continued focus on minimising overheads from administration efforts.

Key Efficiency Indicator	2016-17 Actual	2017-18 Actual	2018-19 Target	2018-19 Actual
Total administration cost for the year as a percentage of the total cash value of research projects and the education program under management during the year.	4.4%	3.3%	4%	4.2% <sup>(a)</sup>

Notes:

- (a) The efficiency indicator target was lowered to 4% for 2018-19 from the target 4.5% in the preceding year to continue a focus on administrative efficiencies. Increases in administration expenses resulting from recruitment activity for the CEO role, higher costs for IT and financial management services than anticipated and the need to engage consulting services for the delivery of the Economic Impact Assessment and Five Year Review of MRIWA required as part of the 2019/20 budget submission have resulted in a higher than targeted outcome for the Institute's Efficiency Indicator.



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