



Altech Batteries
Limited

QUARTERLY REPORT

June 2024

HIGHLIGHTS

Update on CERENERGY® ABS60 BatteryPack Prototypes

- CERENERGY® Cell Contacting System manufacturing finished and delivered
- All cells for first Prototype completed
- Improved cell electrode design showing outstanding results
- Cell quality tests by Fraunhofer delivering better than expected capacity
- Welding of cells to Cell Contacting System underway
- After welding is completed, completed modules will be mounted into ABS60 BatteryPack and first ABS60 Prototype will be completed

Appointment of KPMG as Adviser for CERENERGY® Financing Phase

- International advisory firm KPMG appointed to act as finance advisors
- Financing of the 120MWh CERENERGY® battery project in Germany
- KPMG has a global presence with advisory experts in 143 countries
- KPMG will assist in global outreach for CERENERGY® battery project finance
- All financing options to be considered
- Including project equity, green bonds, grants and subsidies

Results of Share Purchase Plan

- Share Purchase Plan (SPP) closed 15 May 2024
- Proceeds received of \$3,721,000
- Shares and options issued 22 May 2024
- Quotation of shares on ASX 22 May 2024

Update on CERENERGY® ABS60 BatteryPack Prototypes

Altech provides an update on its CERENERGY® ABS60 BatteryPack prototypes.

Commenting on the progress, MD and CEO Iggy Tan stated *"Altech's team in Germany, together with its joint venture partner Fraunhofer, and with the assistance of key suppliers, have made excellent progress on the fabrication of two 60kWh CERENERGY® ABS60 BatteryPack prototypes. All components for the first BatteryPack have now been fabricated. Altech is now completing the welding of the cells to the Cell Contacting System, after which the five completed battery modules will be delivered to Fraunhofer IKTS in Dresden, where all five modules will be mounted into the ABS60 BatteryPack and the first ABS60 Prototype will be completed. The BatteryPack will then be available for testing and demonstration to potential customers, thereby assisting Altech in securing offtake and finance for the 120MWh CERENERGY® battery plant to be constructed on Altech's land in Germany"*.

IMPROVED CELL ELECTRODE DESIGN

During the fabrication of the two 60kWh CERENERGY® ABS60 BatteryPack prototypes, the Altech and Fraunhofer team made several design improvements to the cell's positive probe. These enhancements aimed to boost the cell's energy capacity and reduce the nickel content. The "V2" design of the positive probe allows for slightly faster charging and discharging while lowering the unit costs of the battery. Testing revealed that most cells had higher-than-expected energy capacities, an outstanding result that strongly supports the chosen electrode design. With all cells manufactured according to the series design and optimized processes, the best cells to date have been completed.

CELL CONTACTING SYSTEM COMPLETED

The Cell Contacting System (CCS) has undergone stringent testing and has now been completed and delivered by key supplier Hofer AG. The CCS was delivered to Fraunhofer IKTS in Dresden, where all parts of the modules will be collected to assemble each of the five modules. Each module contains 48 cells, that are currently being welded to the CCS by an external service provider. After welding is completed, the ABS60 BatteryPack with its 60 kWh capacity can be completely assembled.

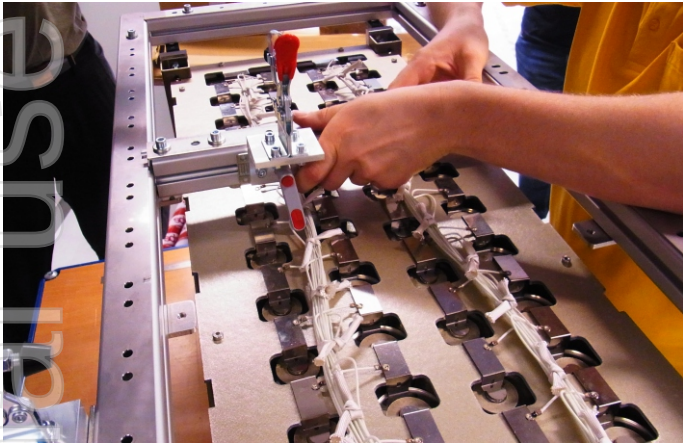


Figure 1: CCS mounted at Fraunhofer IKTS, Dresden

MODULE WELDING TRIALS

To guarantee the most time efficient welding, a unique tool was designed and built at Xenon, which is responsible for welding and quality control across the 120 MWh battery plant. After completing the welding tool, it was shipped to an external laboratory, accompanied by a test module and several trial cells. The aim was to determine the best working parameters and to proof the handling of certain parts of the module. The trials were successfully finished.

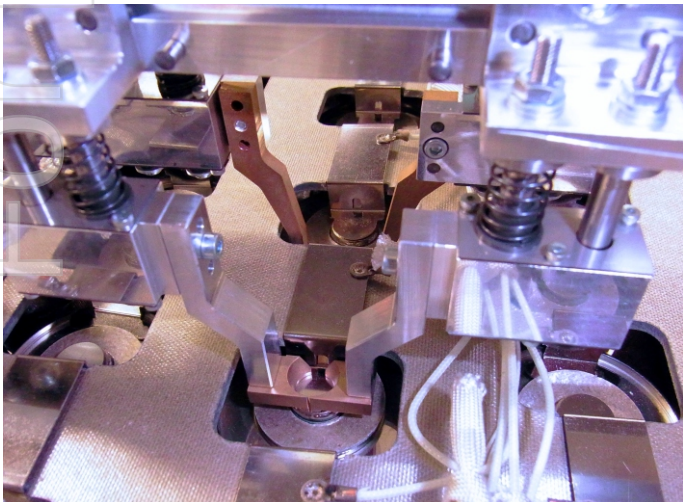


Figure 2: Welding tool functionality proven during welding trials

Series Design Cell Manufacturing Completed at Fraunhofer Ikts, Hermsdorf

All 240 cells for the first ABS60 BatteryPack Prototype have been assembled and initialised at Fraunhofer IKTS, Hermsdorf. To validate a homogeneous cathode material distribution, all cells were cycled through several testing stations at Fraunhofer IKTS Hermsdorf and Arnstadt.



Figure 3: First the cell module ready to be shipped

Interim Cell Testing

At Fraunhofer IKTS in Hermsdorf, all cells were scanned using a unique X-ray microtomography device that enables the ability to look inside cells after they are hermetically closed. This is required to ensure the most homogeneous material distribution inside the cells as well as the best possible alignment of cell components e.g. electrode. The results have been excellent. Another quality assurance procedure involved cycling cells to ensure the electrical requirements and parameters are operating as designed.



Figure 3: First the cell module ready to be shipped

Module Welding and Batterypack Assembly

After every cell passed all quality checks, the modules containing the cells were shipped to the laboratory for welding onto the CCS. By using the predetermined parameters for welding, all modules have been successfully welded. After completion, the modules will be shipped to Fraunhofer IKTS, Dresden, where all five modules will then be mounted into the ABS60 BatteryPack and the first Prototype will be completed. This will enable testing and demonstration to potential customers, to prove individual use cases for each customer.

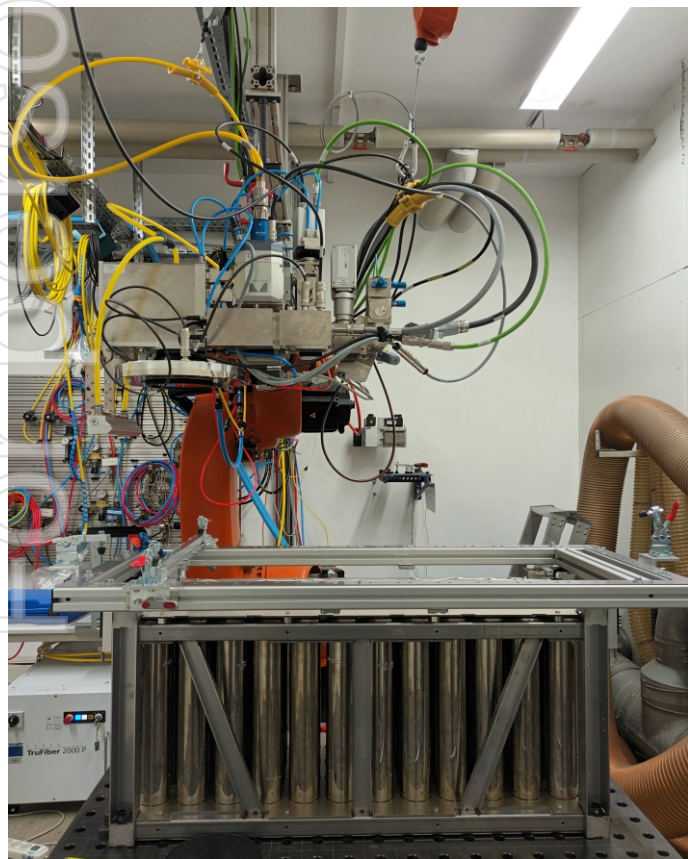


Figure 4: Module welding at Laboratory

Appointment of KPMG as Adviser for CERENERGY® Financing Phase



Altech announced that it had appointed global corporate advisory firm KPMG to assist in securing finance to construct the 120MWh CERENERGY® battery plant in Germany. This follows the recent announcement of the Definitive Feasibility Study in relation to the project. KPMG will be financial adviser to the Company on potential financing transactions and provide service on public grant/subsidies programs. Altech is moving forward to obtain sales offtake for the project and sourcing finance to construct the plant.

Commenting on the appointment, Altech's Chief Financial Officer Martin Stein stated *"Altech has battery technology in CERENERGY® that has the potential to be revolutionary as the world transitions to a renewable energy future. Altech has the worldwide rights to manufacture, license and distribute the battery globally. In appointing KPMG with its global network, strong reputation and credibility, Altech believes that KPMG will greatly assist with the financing process for its 120MWh CERENERGY® battery plant in Germany and will strengthen Altech's position in securing the finance required"*.

Results of Share Purchase Plan

Altech announced the results of its Share Purchase Plan (SPP) on 21 April 2024. The Company received applications from eligible shareholders amounting to proceeds received of \$3,721,000. This represented 57,246,037 shares at \$0.065 per share and 28,622,799 free-attaching options with an exercise price of \$0.08 per share and expiring 30 April 2026.

The shares and options were issued and allotted on 21 May 2024 and application for quotation of shares on the ASX was made on 21 May 2024.

Altech's CEO and MD Iggy Tan stated *"On behalf of the Board of Directors, I wish to thank all eligible shareholders that participated in the SPP and for the support extended to Altech as it moves forward with both its CERENERGY® battery project as well as Silumina Anodes™ battery materials project. The SPP was very well received and supported. I am also cognisant of the market's expectation in relation to the fabrication of the two 60KWh CERENERGY® battery prototypes as well as the commissioning of the Silumina Anodes™ pilot plant, and funds received from the SPP will be applied towards this. With the positive Definitive Feasibility Study and excellent economics for the 120MWh CERENERGY® battery project having been recently released in March 2024, Altech is also focused on securing offtake as well as finance to commence plant construction"*.



Altech Batteries
Limited

Company Snapshot

Altech Batteries Limited (ASX:ATC) (FRA:A3Y)
ABN 45 125 301 206

FINANCIAL INFORMATION

(as at 30 June 2024)

Share Price:	\$0.05
Shares:	1,653.3m
Options:	28.6m
Performance Rights:	123.2m
Market Cap:	\$82.6m
Cash:	\$2.1m

DIRECTORS

Luke Atkins	Non-executive Chairman
Iggy Tan	Managing Director
Peter Bailey	Non-executive Director
Dan Tenardi	Non-executive Director
Tunku Yaacob Khya	Non-executive Director
Uwe Ahrens	Alternate Director
Hansjoerg Plaggemars	Non-executive Director

CHIEF FINANCIAL OFFICER & COMPANY SECRETARY

Martin Stein

HEAD OFFICE

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SCAN ME

to join the
Altech Batteries
Investor Community
and interact
with Shareholders
& Investors



QUARTERLY REPORT

June 2024

FORWARD-LOOKING STATEMENTS

This announcement contains forward looking statements that involve a number of risks and uncertainties. These forward-looking statements are expressed in good faith and believed to have a reasonable basis. These statements reflect current expectations, intentions or strategies regarding the future and assumptions based on currently available information. Should one or more risks or uncertainties materialise, or should underlying assumptions prove incorrect, actual results may vary from the expectations, intentions and strategies described in this announcement. The forward-looking statements are made as at the date of this announcement and the Company disclaims any intent or obligation to update publicly such forward looking statements, whether as the result of new information, future events or results or otherwise.

SCHEDULE OF TENEMENTS

As per ASX Listing Rule 5.3.3, the Company held the following tenements (exploration and mining leases) as at 30 June 2024:

Tenement ID	Registered Holder	Location	Project	Grant Date	Interest end of quarter
E70/4718-I	Canning Coal Pty Ltd	WA Australia	Kerrigan	01/12/2015	100%
M70/1334	Altech Meckering Pty Ltd	WA Australia	Meckering	19/05/2016	100%

RELATED PARTY TRANSACTIONS (APPENDIX 5B – ITEM 6.1)

The amount shown in the item is for the payment of directors' fees (inclusive of superannuation, where applicable), to the Company's Managing Director, Non-Executive Directors and Alternate Director, during the quarter.

Authorised by: Iggy Tan (Managing Director)

Appendix 5B

Mining exploration entity or oil and gas exploration entity quarterly cash flow report

Name of entity

ALTECH BATTERIES LTD

ABN

45 125 301 206

Quarter ended ("current quarter")

30 June 2024

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (12 months) \$A'000
1.	Cash flows from operating activities		
1.1	Receipts from customers	-	-
1.2	Payments for		
	(a) exploration & evaluation	-	-
	(b) development	-	-
	(c) production	-	-
	(d) staff costs	(1,080)	(5,035)
	(e) admin and corporate costs	(1,505)	(7,003)
1.3	Dividends received (see note 3)	-	-
1.4	Interest received	1	112
1.5	Interest and other costs of finance paid	-	(61)
1.6	Income taxes paid	-	-
1.7	Government grants and tax incentives	-	576
1.8	Other (provide details if material)	-	-
1.9	Net cash from / (used in) operating activities	(2,584)	(11,411)

2.	Cash flows from investing activities		
2.1	Payments to acquire or for:		
	(a) entities	-	-
	(b) tenements	-	-
	(c) property, plant and equipment	(1,867)	(9,367)
	(d) exploration & evaluation	(26)	(178)
	(e) investment in Altech Advanced Materials AG	-	-
	(f) other non-current assets	-	-

Mining exploration entity or oil and gas exploration entity quarterly cash flow report

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (12 months) \$A'000
2.2	Proceeds from the disposal of:		
	(a) entities	-	-
	(b) tenements	-	-
	(c) property, plant and equipment	-	-
	(d) investments (deferred consideration from 25% sale of subsidiary Altech Industries Germany GmbH)	-	2,596
	(e) other non-current assets	-	-
2.3	Cash flows from loans to other entities	-	-
2.4	Dividends received	-	-
2.5	Payments for research and development including on CERENERGY® battery	(1,525)	(6,710)
2.6	Net cash from / (used in) investing activities	(3,418)	(13,659)

3.	Cash flows from financing activities		
3.1	Proceeds from issues of equity securities (excluding convertible debt securities)	3,721	19,580
3.2	Proceeds from issue of convertible debt securities	-	-
3.3	Proceeds from exercise of options	-	-
3.4	Transaction costs related to issues of equity securities or convertible debt securities	(91)	(951)
3.5	Proceeds from borrowings (funding received for subsidiary companies from minority shareholders)	1,155	5,062
3.6	Repayment of borrowings	-	-
3.7	Transaction costs related to loans and borrowings	-	-
3.8	Dividends paid	-	-
3.9	Other - Lease repayments	(16)	(59)
3.10	Net cash from / (used in) financing activities	4,769	23,632

4.	Net increase / (decrease) in cash and cash equivalents for the period		
4.1	Cash and cash equivalents at beginning of period	3,392	3,571
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(2,584)	(11,411)

Mining exploration entity or oil and gas exploration entity quarterly cash flow report

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (12 months) \$A'000
4.3	Net cash from / (used in) investing activities (item 2.6 above)	(3,418)	(13,659)
4.4	Net cash from / (used in) financing activities (item 3.10 above)	4,769	23,632
4.5	Effect of movement in exchange rates on cash held	(42)	(16)
4.6	Cash and cash equivalents at end of period	2,117	2,117

5.	Reconciliation of cash and cash equivalents at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts	Current quarter \$A'000	Previous quarter \$A'000
5.1	Bank balances	2,085	3,362
5.2	Call deposits	32	30
5.3	Bank overdrafts	-	-
5.4	Other (provide details)	-	-
5.5	Cash and cash equivalents at end of quarter (should equal item 4.6 above)	2,117	3,392

6.	Payments to related parties of the entity and their associates	Current quarter \$A'000
6.1	Aggregate amount of payments to related parties and their associates included in item 1	(201)
6.2	Aggregate amount of payments to related parties and their associates included in item 2	-
<i>Note: if any amounts are shown in items 6.1 or 6.2, your quarterly activity report must include a description of, and an explanation for, such payments.</i>		

Mining exploration entity or oil and gas exploration entity quarterly cash flow report

7.	Financing facilities <i>Note: the term "facility" includes all forms of financing arrangements available to the entity. Add notes as necessary for an understanding of the sources of finance available to the entity.</i>	Total facility amount at quarter end \$A'000	Amount drawn at quarter end \$A'000
7.1	Loan facilities	-	-
7.2	Credit standby arrangements	-	-
7.3	Other (please specify)	-	-
7.4	Total financing facilities	-	-
7.5	Unused financing facilities available at quarter end		-
7.6	Include in the box below a description of each facility above, including the lender, interest rate, maturity date and whether it is secured or unsecured. If any additional financing facilities have been entered into or are proposed to be entered into after quarter end, include a note providing details of those facilities as well.		

8.	Estimated cash available for future operating activities	\$A'000
8.1	Net cash from / (used in) operating activities (item 1.9)	(2,584)
8.2	(Payments for exploration & evaluation classified as investing activities) (item 2.1(d))	(26)
8.3	Total relevant outgoings (item 8.1 + item 8.2)	(2,610)
8.4	Cash and cash equivalents at quarter end (item 4.6)	2,117
8.5	Unused finance facilities available at quarter end (item 7.5)	-
8.6	Total available funding (item 8.4 + item 8.5)	2,117
8.7	Estimated quarters of funding available (item 8.6 divided by item 8.3)	0.81
<i>Note: if the entity has reported positive relevant outgoings (ie a net cash inflow) in item 8.3, answer item 8.7 as "N/A". Otherwise, a figure for the estimated quarters of funding available must be included in item 8.7.</i>		
8.8	If item 8.7 is less than 2 quarters, please provide answers to the following questions:	
8.8.1	Does the entity expect that it will continue to have the current level of net operating cash flows for the time being and, if not, why not?	
Answer: Yes		
8.8.2	Has the entity taken any steps, or does it propose to take any steps, to raise further cash to fund its operations and, if so, what are those steps and how likely does it believe that they will be successful?	
Answer: Yes		
8.8.3	Does the entity expect to be able to continue its operations and to meet its business objectives and, if so, on what basis?	
Answer: Yes. The Company has the possibility to raise capital if required via an issue of shares. Funds received would assist the Company in continuing its operations and to meet its business objectives.		
<i>Note: where item 8.7 is less than 2 quarters, all of questions 8.8.1, 8.8.2 and 8.8.3 above must be answered.</i>		

Compliance statement

- 1 This statement has been prepared in accordance with accounting standards and policies which comply with Listing Rule 19.11A.
- 2 This statement gives a true and fair view of the matters disclosed.

Date: 31 July 2024



Authorised by: MARTIN STEIN – CHIEF FINANCIAL OFFICER & COMPANY SECRETARY

On behalf of the Board of Directors

Notes

1. This quarterly cash flow report and the accompanying activity report provide a basis for informing the market about the entity's activities for the past quarter, how they have been financed and the effect this has had on its cash position. An entity that wishes to disclose additional information over and above the minimum required under the Listing Rules is encouraged to do so.
2. If this quarterly cash flow report has been prepared in accordance with Australian Accounting Standards, the definitions in, and provisions of, *AASB 6: Exploration for and Evaluation of Mineral Resources* and *AASB 107: Statement of Cash Flows* apply to this report. If this quarterly cash flow report has been prepared in accordance with other accounting standards agreed by ASX pursuant to Listing Rule 19.11A, the corresponding equivalent standards apply to this report.
3. Dividends received may be classified either as cash flows from operating activities or cash flows from investing activities, depending on the accounting policy of the entity.
4. If this report has been authorised for release to the market by your board of directors, you can insert here: "By the board". If it has been authorised for release to the market by a committee of your board of directors, you can insert here: "By the [name of board committee – eg Audit and Risk Committee]". If it has been authorised for release to the market by a disclosure committee, you can insert here: "By the Disclosure Committee".
5. If this report has been authorised for release to the market by your board of directors and you wish to hold yourself out as complying with recommendation 4.2 of the ASX Corporate Governance Council's *Corporate Governance Principles and Recommendations*, the board should have received a declaration from its CEO and CFO that, in their opinion, the financial records of the entity have been properly maintained, that this report complies with the appropriate accounting standards and gives a true and fair view of the cash flows of the entity, and that their opinion has been formed on the basis of a sound system of risk management and internal control which is operating effectively.