



Altech Chemicals
Limited

ASX ANNOUNCEMENT AND MEDIA RELEASE

22 January 2021

ALTECH – PLACEMENT OF ENTITLEMENT OFFER SHORTFALL

Altech Chemicals Limited (Altech/the Company) (ASX: ATC) (FRA: A3Y) is pleased to announce that it has now completed the placement of the balance of the shortfall in respect to its recently closed non-renounceable entitlement offer to shareholders (refer ASX Announcement of 16 December 2020).

Allotment has been completed today for a further 47,613,068 ordinary fully paid shares and 23,806,534 attaching options (ex \$0.08 exp 31-May 2022), raising an additional \$1.9 million.

An ASX Appendix 2A is attached.

– end –

Authorised by: Iggy Tan (Managing Director)

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About Altech Chemicals (ASX:ATC) (FRA:A3Y)

Altech Chemicals Limited (Altech/the Company) is aiming to become one of the world's leading suppliers of 99.99% (4N) high purity alumina (Al₂O₃) through the construction and operation of a 4,500tpa high purity alumina (HPA) processing plant at Johor, Malaysia. Feedstock for the plant will be sourced from the Company's 100%-owned kaolin deposit at Meckering, Western Australia and shipped to Malaysia.

HPA is a high-value, high margin and highly demanded product as it is the critical ingredient required for the production of synthetic sapphire. Synthetic sapphire is used in the manufacture of substrates for LED lights, semiconductor wafers used in the electronics industry, and scratch-resistant sapphire glass used for wristwatch faces, optical windows and smartphone components. Increasingly HPA is used by lithium-ion battery manufacturers as the coating on the battery's separator, which improves performance, longevity and safety of the battery. With global HPA demand approximately 19,000t (2018), it is estimated that this demand will grow at a compound annual growth rate (CAGR) of 30% (2018-2028); by 2028 HPA market demand is forecast to be approximately 272,000t, driven by the increasing adoption of LEDs worldwide as well as the demand for HPA by lithium-ion battery manufacturers to serve the surging electric vehicle market.



German engineering firm SMS group GmbH (SMS) is the appointed EPC contractor for construction of Altech's Malaysian HPA plant. SMS has provided a USD280 million fixed price turnkey contract and has proposed clear and concise guarantees to Altech for plant throughput and completion. Altech has executed an off-take sales arrangement with Mitsubishi Corporation's Australian subsidiary, Mitsubishi Australia Ltd (Mitsubishi) covering the first 10-years of HPA production from the plant.

Conservative (bank case) cash flow modelling of the project shows a pre-tax net present value of USD505.6million at a discount rate of 7.5%. The Project generates annual average net free cash of ~USD76million at full production (allowing for sustaining capital and before debt servicing and tax), with an attractive margin on HPA sales of ~63%. (Refer to ASX Announcement "Positive Final Investment Decision Study for 4,500TPA HPA project" dated 23 October 2017 for complete details. The Company confirms that as at the date of this announcement there are no material changes to the key assumptions adopted in the study).

The Company has been successful in securing senior project debt finance of USD190 million from German government owned KfW IPEX-Bank as senior lender. Altech has also mandated Macquarie Bank (Macquarie) as the preferred mezzanine lender for the project. The indicative and non-binding mezzanine debt term sheet (progressing through due diligence) is for a facility amount of up to USD90 million. To maintain project momentum during the period leading up to financial close, Altech has raised ~A\$39 million in the last 24 months to fund the commencement of Stage 1 and 2 of the plant's construction; Stage 1 construction commenced in February 2019 with Stage 2 early works completed at the end of June 2020.

Forward-looking Statements

This announcement contains forward-looking statements which are identified by words such as 'anticipates', 'forecasts', 'may', 'will', 'could', 'believes', 'estimates', 'targets', 'expects', 'plan' or 'intends' and other similar words that involve risks and uncertainties. Indications of, and guidelines or outlook on, future earnings, distributions or financial position or performance and targets, estimates and assumptions in respect of production, prices, operating costs, results, capital expenditures, reserves and resources are also forward-looking statements. These statements are based on an assessment of present economic and operating conditions, and on a number of assumptions and estimates regarding future events and actions that, while considered reasonable as at the date of this announcement and are expected to take place, are inherently subject to significant technical, business, economic, competitive, political and social uncertainties and contingencies. Such forward-looking statements are not guarantees of future performance and involve known and unknown risks, uncertainties, assumptions and other important factors, many of which are beyond the control of the Company, the directors and management. We cannot and do not give any assurance that the results, performance or achievements expressed or implied by the forward-looking statements contained in this announcement will actually occur and readers are cautioned not to place undue reliance on these forward-looking statements. These forward-looking statements are subject to various risk factors that could cause actual events or results to differ materially from the events or results estimated, expressed or anticipated in these statements.

Appendix 2A

Application for quotation of +securities

Information or documents not available now must be given to ASX as soon as available. Information and documents given to ASX become ASX's property and may be made public.

If you are an entity incorporated outside Australia and you are seeking quotation of a new class of +securities other than CDIs, you will need to obtain and provide an International Securities Identification Number (ISIN) for that class. Further information on the requirement for the notification of an ISIN is available from the Create Online Forms page. ASX is unable to create the new ISIN for non-Australian issuers.

*Denotes minimum information required for first lodgement of this form, with exceptions provided in specific notes for certain questions. The balance of the information, where applicable, must be provided as soon as reasonably practicable by the entity.

Part 1 – Entity and announcement details

Question no	Question	Answer
1.1	*Name of entity We (the entity here named) apply for +quotation of the following +securities and agree to the matters set out in Appendix 2A of the ASX Listing Rules. ¹	Altech Chemicals Ltd
1.2	*Registration type and number <i>Please supply your ABN, ARSN, ARBN, ACN or another registration type and number (if you supply another registration type, please specify both the type of registration and the registration number).</i>	45 125 301 206
1.3	*ASX issuer code	ATC
1.4	*This announcement is <i>Tick whichever is applicable.</i>	<input checked="" type="checkbox"/> A new announcement <input type="checkbox"/> An update/amendment to a previous announcement <input type="checkbox"/> A cancellation of a previous announcement
1.4a	*Reason for update <i>Mandatory only if "Update" ticked in Q1.4 above. A reason must be provided for an update.</i>	
1.4b	*Date of previous announcement to this update <i>Mandatory only if "Update" ticked in Q1.4 above.</i>	
1.4c	*Reason for cancellation <i>Mandatory only if "Cancellation" ticked in Q1.4 above.</i>	
1.4d	*Date of previous announcement to this cancellation <i>Mandatory only if "Cancellation" ticked in Q1.4 above.</i>	
1.5	*Date of this announcement	22-January-2021

¹ Appendix 2A of the Listing Rules includes a warranty that an offer of the securities for sale within 12 months after their issue will not require disclosure under section 707(3) or 1012C(6) of the Corporations Act. If the securities to be quoted have been issued by way of a pro rata offer, to give this warranty, you will generally need to have lodged a cleansing notice with ASX under section 708AA(2)(f) or 1012DAA(2)(f) of the Corporations Act within 24 hours before the securities are offered (see ASIC Regulatory Guide 189 *Disclosure relief for rights issues*). If in doubt, please consult your legal adviser.

Part 2 – Type of issue

Question No.	Question	Answer
2.1	<p>*The +securities to be quoted are: <i>Select whichever item is applicable.</i> <i>If you wish to apply for quotation of different types of issues of securities, please complete a separate Appendix 2A for each type of issue.</i></p>	<p><input checked="" type="checkbox"/> Being issued as part of a transaction or transactions previously announced to the market in an Appendix 3B</p> <p><input type="checkbox"/> Being issued under a +dividend or distribution plan</p> <p><input type="checkbox"/> Being issued as a result of options being exercised or other +convertible securities being converted</p> <p><input type="checkbox"/> Unquoted partly paid +securities that have been paid up and are now quoted fully paid +securities</p> <p><input type="checkbox"/> Restricted securities where the escrow period has expired or is about to expire</p> <p><input type="checkbox"/> +Securities previously issued under an +employee incentive scheme where the restrictions on transfer have ceased or are about to cease</p> <p><input type="checkbox"/> +Securities issued under an +employee incentive scheme that are not subject to a restriction on transfer or that are to be quoted notwithstanding there is a restriction on transfer</p> <p><input type="checkbox"/> Other</p>
2.2a.1	<p>*Date of Appendix 3B notifying the market of the proposed issue of securities for which quotation is now being sought <i>Answer this question if your response to Q2.1 is "Being issued as part of a transaction or transactions previously announced to the market in an Appendix 3B"</i></p>	10-November-2020
2.2a.2	<p>*Are there any further issues of +securities yet to take place to complete the transaction(s) referred to in the Appendix 3B? <i>Answer this question if your response to Q2.1 is "Being issued as part of a transaction or transactions previously announced to the market in an Appendix 3B".</i></p>	Yes or No
2.2a.2.1	<p>*Please provide details of the further issues of +securities yet to take place to complete the transaction(s) referred to in the Appendix 3B <i>Answer this question if your response to Q2.1 is "Being issued as part of a transaction or transactions previously announced to the market in an Appendix 3B" and your response to Q2.2a.2 is "Yes".</i> <i>Please provide details of the proposed dates and number of securities for the further issues. This may be the case, for example, if the Appendix 3B related to an accelerated pro rata offer with an institutional component being quoted on one date and a retail component being quoted on a later date.</i></p>	

2.2b.1	<p>*Date of Appendix 3A.1 lodged with ASX in relation to the underlying +dividend or distribution</p> <p><i>Answer this question if your response to Q2.1 is "Being issued under a dividend or distribution plan".</i></p>	n/a
2.2b.2	<p>*Does the +dividend or distribution plan meet the requirement of listing rule 7.2 exception 4 that it does not impose a limit on participation?</p> <p><i>Answer this question if your response to Q2.1 is "Being issued under a dividend or distribution plan".</i></p> <p><i>Note: Exception 4 only applies where security holders are able to elect to receive all of their dividend or distribution as securities. For example, Exception 4 would not apply in the following circumstances: 1) The entity has specified a dollar limit on the level of participation e.g. security holders can only participate to a maximum value of \$x in respect of their entitlement. 2) The entity has specified a maximum number of securities that can participate in the plan e.g. security holders can only receive securities in lieu of dividend payable for x number of securities.</i></p>	n/a
2.2c.1	<p>Please state the number and type of options that were exercised or other +convertible securities that were converted (including their ASX security code)</p> <p><i>Answer this question if your response to Q2.1 is "Being issued as a result of options being exercised or other convertible securities being converted".</i></p>	n/a
2.2c.2	<p>And the date the options were exercised or other +convertible securities were converted</p> <p><i>Answer this question if your response to Q2.1 is "Being issued as a result of options being exercised or other convertible securities being converted".</i></p> <p><i>Note: If this occurred over a range of dates, enter the date the last of the options was exercised or convertible securities was converted.</i></p>	n/a
2.2d.1	<p>Please state the number and type of partly paid +securities (including their ASX security code) that were fully paid up</p> <p><i>Answer this question if your response to Q2.1 is "Unquoted partly paid securities that have been paid up and are now quoted fully paid securities".</i></p>	n/a
2.2d.2	<p>And the date the +securities were fully paid up</p> <p><i>Answer this question if your response to Q2.1 is "Unquoted partly paid securities that have been paid up and are now quoted fully paid securities".</i></p> <p><i>Note: If this occurred over a range of dates, enter the date the last of the securities was fully paid up.</i></p>	n/a
2.2e.1	<p>Please state the number and type of +restricted securities (including their ASX security code) where the escrow period has expired or is about to expire</p> <p><i>Answer this question if your response to Q2.1 is "Restricted securities where the escrow period has expired or is about to expire".</i></p>	n/a

2.2e.2	<p>And the date the escrow restrictions have ceased or will cease</p> <p><i>Answer this question if your response to Q2.1 is "Restricted securities where the escrow period has expired or is about to expire".</i></p> <p><i>Note: If this occurred over a range of dates, enter the date the last of the escrow restrictions has ceased or will cease.</i></p>	n/a
2.2f.1	<p>Please state the number and type of +securities (including their ASX security code) previously issued under the +employee incentive scheme where the restrictions on transfer have ceased or are about to cease</p> <p><i>Answer this question if your response to Q2.1 is "Securities previously issued under an employee incentive scheme where the restrictions on transfer have ceased or are about to cease".</i></p>	n/a
2.2f.2	<p>And the date the restrictions on transfer have ceased or will cease:</p> <p><i>Answer this question if your response to Q2.1 is "Securities previously issued under an employee incentive scheme where the restrictions on transfer have ceased or are about to cease".</i></p> <p><i>Note: If this occurred over a range of dates, enter the date the last of the restrictions on transfer has ceased or will cease.</i></p>	n/a
2.2g.1	<p>Please state the number and type of +securities (including their ASX security code) issued under an +employee incentive scheme that are not subject to a restriction on transfer or that are to be quoted notwithstanding there is a restriction on transfer</p> <p><i>Answer this question if your response to Q2.1 is "Securities issued under an employee incentive scheme that are not subject to a restriction on transfer or that are to be quoted notwithstanding there is a restriction on transfer".</i></p>	n/a
2.2g.2	<p>*Please attach a document or provide details of a URL link for a document lodged with ASX detailing the terms of the +employee incentive scheme or a summary of the terms.</p> <p><i>Answer this question if your response to Q2.1 is "Securities issued under an employee incentive scheme that are not subject to a restriction on transfer or that are to be quoted notwithstanding there is a restriction on transfer".</i></p>	n/a
2.2g.3	<p>*Are any of these +securities being issued to +key management personnel (KMP) or an +associate</p> <p><i>Answer this question if your response to Q2.1 is "Securities issued under an employee incentive scheme that are not subject to a restriction on transfer or that are to be quoted notwithstanding there is a restriction on transfer".</i></p>	Yes or No

2.2g.3.a	<p>*Provide details of the recipients and the number of +securities issued to each of them.</p> <p><i>Answer this question if your response to Q2.1 is "Securities issued under an employee incentive scheme that are not subject to a restriction on transfer or that are to be quoted notwithstanding there is a restriction on transfer" and your response to Q2.2g.3 is "Yes". Repeat the detail in the table below for each KMP involved in the issue. If the securities are being issued to the KMP, repeat the name of the KMP or insert "Same" in "Name of registered holder". If the securities are being issued to an associate of a KMP, insert the name of the associate in "Name of registered holder".</i></p> <table border="1" data-bbox="339 409 1366 506"> <thead> <tr> <th data-bbox="339 409 676 454">Name of KMP</th> <th data-bbox="676 409 1050 454">Name of registered holder</th> <th data-bbox="1050 409 1366 454">Number of +securities</th> </tr> </thead> <tbody> <tr> <td data-bbox="339 454 676 506"></td> <td data-bbox="676 454 1050 506"></td> <td data-bbox="1050 454 1366 506"></td> </tr> </tbody> </table>	Name of KMP	Name of registered holder	Number of +securities			
Name of KMP	Name of registered holder	Number of +securities					
2.2h.1	<p>*The purpose(s) for which the entity is issuing the securities is:</p> <p><i>Answer this question if your response to Q2.1 is "Other".</i></p> <p><i>You may select one or more of the items in the list.</i></p>	<p><input checked="" type="checkbox"/> to raise additional working capital</p> <p><input type="checkbox"/> to fund the retirement of debt</p> <p><input type="checkbox"/> to pay for the acquisition of an asset [provide details below]</p> <p><input type="checkbox"/> to pay for services rendered</p> <p><input type="checkbox"/> other</p>					
2.2h.2	<p>*Please provide any further information needed to understand the circumstances in which you are applying to have these +securities quoted on ASX, including why the issue of the +securities has not been previously announced to the market in an Appendix 3B</p> <p><i>Answer this question if your response to Q2.1 is "Other".</i></p>	n/a					
2.2i	<p>*Are these +securities being offered under a +disclosure document or +PDS?</p> <p><i>Answer this question if your response to Q2.1 is any option other than "Being issued as part of a transaction or transactions previously announced to the market in an Appendix 3B".</i></p>	Yes or No					
2.2i.1	<p>*Date of +disclosure document or +PDS?</p> <p><i>Answer this question if your response to Q2.1 is any option other than "Being issued as part of a transaction or transactions previously announced to the market in an Appendix 3B" and your response to Q2.2i is "Yes".</i></p> <p><i>Under the Corporations Act, the entity must apply for quotation of the securities within 7 days of the date of the disclosure document or PDS.</i></p>	n/a					
2.3	<p>*The +securities to be quoted are:</p> <p><i>Tick whichever is applicable</i></p>	<p><input checked="" type="checkbox"/> Additional +securities in a class that is already quoted on ASX ("existing class")</p> <p><input checked="" type="checkbox"/> New +securities in a class that is not yet quoted on ASX ("new class")</p>					

Part 3A – number and type of +securities to be quoted (existing class or new class) where issue has previously been notified to ASX in an Appendix 3B

Answer the questions in this Part if your response to Q2.1 is “Being issued as part of a transaction or transactions previously announced to the market in an Appendix 3B” and your response to Q2.3 is “existing class” or “new class”.

Question No.	Question	Answer
3A.1	*ASX +security code & description	ATC: fully paid ordinary shares ATCO: Options (Ex \$0.08 Exp. 31 May 2022)
3A.2	*Number of +securities to be quoted	ATC ORD: 47,613,068 ATC OP's: 23,806,534

Part 3B – number and type of +securities to be quoted (existing class) where issue has not previously been notified to ASX in an Appendix 3B

Answer the questions in this Part if your response to Q2.1 is anything other than “Being issued as part of a transaction or transactions previously announced to the market in an Appendix 3B” and your response to Q2.3 is “existing class”.

Question No.	Question	Answer
3B.1	*ASX +security code & description	n/a
3B.2	*Number of +securities to be quoted	n/a
3B.3a	*Will the +securities to be quoted rank equally in all respects from their issue date with the existing issued +securities in that class?	n/a
3B.3b	*Is the actual date from which the +securities will rank equally (non-ranking end date) known? <i>Answer this question if your response to Q3B.3a is “No”.</i>	n/a
3B.3c	*Provide the actual non-ranking end date <i>Answer this question if your response to Q3B.3a is “No” and your response to Q3B.3b is “Yes”.</i>	n/a
3B.3d	*Provide the estimated non-ranking end period <i>Answer this question if your response to Q3B.3a is “No” and your response to Q3B.3b is “No”.</i>	n/a
3B.3e	*Please state the extent to which the +securities do not rank equally: <ul style="list-style-type: none"> • in relation to the next dividend, distribution or interest payment; or • for any other reason <i>Answer this question if your response to Q3B.3a is “No”.</i> <i>For example, the securities may not rank at all, or on a pro rata basis for the next dividend, distribution or interest payment; or the securities may not rank at all or on a pro rata basis or be entitled to participate in some other event, such as an entitlement issue.</i>	n/a

Part 3C – number and type of +securities to be quoted (new class)
where issue has not previously been notified to ASX in an
Appendix 3B

DELETED – AS THIS SECTION IS NOT APPLICABLE

Part 4 – Issue details

Question No.	Question	Answer
4.1	*Have the +securities to be quoted been issued yet?	n/a
4.1a	*What was their date of issue? <i>Answer this question if your response to Q4.1 is "Yes".</i>	n/a
4.1b	*What is their proposed date of issue? <i>Answer this question if your response to Q4.1 is "No".</i>	n/a
4.2	*Are the +securities to be quoted being issued for a cash consideration? <i>If the securities are being issued for nil cash consideration, answer this question "No".</i>	n/a
4.2a	*In what currency is the cash consideration being paid <i>For example, if the consideration is being paid in Australian Dollars, state AUD. Answer this question if your response to Q4.2 is "Yes".</i>	n/a
4.2b	*What is the issue price per +security <i>Answer this question if your response to Q4.2 is "Yes" and by reference to the issue currency provided in your response to Q4.2a. Note: you cannot enter a nil amount here. If the securities are being issued for nil cash consideration, answer Q4.2 as "No" and complete Q4.2c and Q4.2d.</i>	n/a
4.2c	Please describe the consideration being provided for the +securities to be quoted <i>Answer this question if your response to Q4.2 is "No".</i>	
4.2d	Please provide an estimate (in AUD) of the value of the consideration being provided per +security for the +securities to be quoted <i>Answer this question if your response to Q4.2 is "No".</i>	

Part 5 – Issued capital following quotation

Following the quotation of the +securities the subject of this application, the issued capital of the entity will comprise:

Note: the figures provided in the tables in sections 5.1 and 5.2 below are used to calculate the total market capitalisation of the entity published by ASX from time to time. Please make sure you include in the relevant table each class of securities issued by the entity.

If you have quoted CHESSE Depository Interests (CDIs) issued over your securities, include them in the table in section 5.1 and include in the table in section 5.2 any securities that do not have CDIs issued over them (and therefore are not quoted on ASX).

Restricted securities should only be included in the table in section 5.1 if you are applying to have them quoted because the escrow period for the securities has expired or is about to expire. Otherwise include them in the table in section 5.2.

5.1	*Quoted +securities (total number of each +class of +securities quoted on ASX following the +quotation of the +securities the subject of this application)	
	ASX +security code and description	Total number of +securities on issue
	ATC – Fully Paid Ordinary Shares	1,286,482,133
	ATCO – Options (Ex. \$0.08 Exp. 31-May-2022)	181,667,319
5.2	*Unquoted +securities (total number of each +class of +securities issued but not quoted on ASX):	
	ASX +security code and description	Total number of +securities on issue
	ATCAC – Performance Rights Employees	6,700,000
	ATCAC – Performance Rights Directors	6,000,000
	ATCAC – Performance Rights Managing Director	<u>15,000,000</u>
	Total	27,700,000

Part 6 – Other Listing Rule requirements

The questions in this Part should only be answered if you are an ASX Listing (ASX Foreign Exempt Listings and ASX Debt Listings do not need to complete this Part) and:

- your response to Q2.1 is "Being issued under a dividend/distribution plan" and the response to Q2.2b.2 is "No"; or
- your response to Q2.1 is "Other".

Note that if your response to Q2.1 is "Being issued as part of a transaction or transactions previously announced to the market in an Appendix 3B", it is assumed that you will have provided the information referred to in this Part in the Appendix 3B.

Question No.	Question	Answer
6.1	*Has the entity obtained, or is it obtaining, +security holder approval for the issue under listing rule 7.1?	n/a
6.1a	*Date of meeting or proposed meeting to approve the issue under listing rule 7.1 <i>Answer this question if the response to Q6.1 is "Yes".</i>	n/a
6.1b	*Are any of the +securities being issued without +security holder approval using the entity's 15% placement capacity under listing rule 7.1? <i>Answer this question if the response to Q6.1 is "No".</i>	no
6.1b.1	*How many +securities are being issued without +security holder approval using the entity's 15% placement capacity under listing rule 7.1? <i>Answer this question if the response to Q6.1 is "No" and the response to Q6.1b is "Yes".</i>	n/a

	<i>Please complete and separately send by email to your ASX listings adviser a work sheet in the form of Annexure B to Guidance Note 21 confirming the entity has the available capacity under listing rule 7.1 to issue that number of securities.</i>	
6.1c	*Are any of the +securities being issued without +security holder approval using the entity's additional 10% placement capacity under listing rule 7.1A (if applicable)? <i>Answer this question if the response to Q6.1 is "No".</i>	no
6.1c.1	*How many +securities are being issued without +security holder approval using the entity's additional 10% placement capacity under listing rule 7.1A? <i>Answer this question if the response to Q6.1 is "No" and the response to Q6.1c is "Yes".</i> <i>Please complete and separately send by email to your ASX listings adviser a work sheet in the form of Annexure C to Guidance Note 21 confirming the entity has the available capacity under listing rule 7.1A to issue that number of securities.</i>	n/a

Introduced 01/12/19