

LanzaTech

LanzaTech Announces AMCI Acquisition Corp. II Shareholder Meeting For Approval Of Business Combination Scheduled For February 1, 2023

Chicago, IL (January 12, 2023) – LanzaTech NZ, Inc. (“LanzaTech”), an innovative carbon capture and transformation (“CCT”) company that transforms waste carbon into materials such as sustainable fuels, fabrics, packaging, and other products that people use in their daily lives, today announced that AMCI Acquisition Corp. II (“AMCI”) (Nasdaq: AMCI) has scheduled a special meeting of its stockholders (the “Special Meeting”) for February 1, 2023 at 11:00 a.m., Eastern Time, to approve the proposed business combination (the “Business Combination”) with LanzaTech.

AMCI also announced that it has filed its definitive proxy statement/prospectus for the Special Meeting, and has commenced mailing the definitive proxy statement/prospectus to its stockholders of record as of December 28, 2022, the record date for the Special Meeting (the “Record Date”). The closing of the Business Combination is subject to approval by AMCI’s and LanzaTech’s stockholders and the satisfaction of other customary closing conditions and is expected to close as soon as practicable following the Special Meeting.

Dr. Jennifer Holmgren, Chief Executive Officer of LanzaTech, said “We are thrilled to reach this important milestone in our journey towards becoming a public company via our partnership with AMCI. This transaction will enable a significant acceleration in the deployment of our CCT technology, bringing us as a society, one step closer to achieving a circular carbon economy and finding a solution for the challenges of decarbonizing modern heavy industry.”

If you are a stockholder entitled to vote at the Special Meeting, your vote is important no matter how many shares you own. You are encouraged to submit your vote as soon as possible. If you hold your shares in “street name,” meaning that your shares are held in an account at a brokerage firm, bank or other similar agent, you may vote prior to the Special Meeting by using your voting control number and instructions provided to you by your brokerage firm, bank or other similar agent. Please contact your brokerage firm, bank or other similar agent to ensure your shares are voted. If you are a stockholder of record, you may vote prior to the Special Meeting by signing, dating, and mailing your proxy card in the return envelope provided with your proxy material.

If any AMCI stockholder has any questions, needs assistance in voting their shares or does not receive the Proxy Statement, that stockholder should contact their broker or Morrow Sodali, AMCI's proxy solicitor, at (800) 662-5200, or by email to AMCI.info@investor.morrowsodali.com.

As announced on March 8th, 2022, LanzaTech has entered into a merger agreement with AMCI. Upon closing of the Business Combination, the combined company will be renamed LanzaTech Global, Inc. and its common stock is expected to be listed on Nasdaq under the ticker symbol "LNZA."

Important Information About the Business Combination and Where to Find It

The Business Combination will be submitted to stockholders of AMCI for their consideration. AMCI has filed a registration statement on Form S-4 (the "Registration Statement") with the Securities and Exchange Commission (the "SEC") which includes both a prospectus with respect to the combined company's securities to be issued in connection with the Business Combination and a proxy statement to be distributed to AMCI's stockholders in connection with AMCI's solicitation of proxies for the vote by its stockholders in connection with the Business Combination and other matters as described in the Registration Statement. AMCI urges its investors, stockholders and other interested persons to read the definitive proxy statement/prospectus, as well as other documents filed by AMCI with the SEC, because these documents contain important information about AMCI, LanzaTech and the Business Combination. AMCI has mailed the definitive proxy statement/prospectus to its stockholders of record as of the Record Date for voting on the proposed Business Combination. Stockholders can also obtain a copy of the Registration Statement, including the definitive proxy statement/prospectus, as well as other documents filed with the SEC regarding the Business Combination and other documents filed by AMCI with the SEC, without charge, at the SEC's website located at www.sec.gov or by directing a request to: AMCI Acquisition Corp. II, 600 Steamboat Road, Greenwich, CT 06830.

Participants in the Solicitation

AMCI and LanzaTech and their respective directors and executive officers may be considered participants in the solicitation of proxies with respect to the proposed Business Combination under the rules of the SEC. Information about the directors and executive officers of AMCI is set forth in the Registration Statement and included in the definitive proxy statement/prospectus. Information regarding the persons who may, under the rules of the SEC, be deemed participants in the solicitation of AMCI stockholders in connection with the proposed Business Combination is set forth in the Registration Statement and included in the definitive proxy statement/prospectus. Stockholders, potential investors and other interested persons should read the definitive proxy statement/prospectus carefully before making any voting or investment decisions. These documents can be obtained free of charge from the sources indicated above.

Forward-Looking Statements

This press release includes forward-looking statements regarding, among other things, the plans, strategies and prospects, both business and financial, of AMCI and LanzaTech. These statements are based on the beliefs and assumptions of the management of AMCI and LanzaTech, respectively. Although AMCI and LanzaTech believe that their respective plans, intentions and expectations reflected in or suggested by these forward-looking statements are reasonable, neither AMCI nor LanzaTech can assure you that either will achieve or realize these plans, intentions or expectations. Forward-looking statements are inherently subject to risks, uncertainties and assumptions. Generally, statements that are not historical facts, including statements concerning possible or assumed future actions, business strategies, events or results of operations, are forward-looking statements. These statements may be preceded by, followed by or include the words "believes," "estimates," "expects," "projects," "forecasts," "may," "will," "should," "seeks," "plans," "scheduled," "anticipates," "intends" or similar expressions. The forward-looking statements are based on projections prepared by, and are the responsibility of, AMCI's management and LanzaTech's management, respectively. These forward-looking statements are not guarantees of future performance, conditions or results, and involve a number of known and unknown risks, uncertainties, assumptions and other important factors, many of which are outside the control of AMCI and LanzaTech, that could cause actual results or outcomes to differ materially from those discussed in the forward-looking statements. New risk factors that may affect actual results or outcomes emerge from time to time and it is not possible to predict all such risk factors, nor can AMCI or LanzaTech assess the impact of all such risk factors on its business, or the extent to which any factor or combination of factors may cause actual results to differ materially from those contained in any forward-looking statements. Forward-looking statements are not guarantees of performance. You should not put undue reliance on these statements, which speak only as of the date hereof. All forward-looking statements attributable to AMCI, LanzaTech or persons acting on their behalf are expressly qualified in their entirety by the foregoing cautionary statements. AMCI and LanzaTech prior to the Business Combination, and the combined company following the Business Combination, undertake no obligations to update or revise publicly any forward-looking statements, whether as a result of new information, future events or otherwise, except as required by law.

Non-Solicitation

This press release shall not constitute a proxy statement or solicitation of a proxy, consent or authorization with respect to any securities or in respect of the proposed Business Combination and shall not constitute an offer to sell or a solicitation of an offer to buy any securities, nor shall there be any sale of securities, in any state or jurisdiction in which such offer, solicitation, or sale would be unlawful prior to registration or qualification under the securities laws of any such state or jurisdiction. No offer of securities shall be made except by means of a prospectus meeting the requirements of the Securities Act of 1933, as amended.

About LanzaTech

Headquartered in Skokie, Ill., LanzaTech transforms waste carbon into materials such as sustainable fuels, fabrics, packaging, and other products. Using a variety of waste feedstocks, LanzaTech's technology platform highlights a future where consumers are not dependent on virgin fossil feedstocks for everything in their daily lives. LanzaTech's goal is to challenge and change the way the world uses carbon, enabling a new circular carbon economy where carbon is reused rather than wasted, skies and oceans are kept clean, and pollution becomes a thing of the past. For more LanzaTech visit <https://lanzatech.com>.

About AMCI Acquisition Corp. II

AMCI Acquisition Corp. II is a blank check company formed for the purpose of effecting a merger with a business focused on decarbonizing the heavy industrial complex and transitioning the global energy mix to a lower carbon footprint. AMCI's sponsor is an affiliate of the AMCI group of companies. AMCI invests in and operates industrial businesses focused on natural resources, transportation, infrastructure, metals and energy. AMCI has now invested over \$1.7 billion in 40 industrial companies and has an existing portfolio consisting of 21 companies located around the world. AMCI is led by Chief Executive Officer Nimesh Patel, President Brian Beem, and Chief Financial Officer Patrick Murphy.

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