

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): **December 17, 2025**

ASP Isotopes Inc.

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of
incorporation)

001-41555

(Commission
File Number)

87-2618235

(IRS Employer
Identification No.)

**601 Pennsylvania Avenue NW,
South Building, Suite 900
Washington, DC**

(Address of principal executive offices)

20004

(Zip Code)

Registrant's telephone number, including area code: **(202) 756-2245**

Not Applicable

(Former name or former address, if changed since last report.)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- ☐ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- ☐ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- ☐ Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- ☐ Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

Title of each class

Common Stock, par value \$0.01

Trading Symbol(s)

ASPI

Name of each exchange on which registered

The Nasdaq Stock Market LLC

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company ☒

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act ☐

Item 8.01. Other Events.

On December 17, 2025, ASP Isotopes Inc. (the “Company” or “ASP Isotopes”) issued a press release announcing that all required regulatory approvals and clearances have been obtained for the Company’s proposed offer to acquire all of the issued ordinary shares of Renergen Limited (“Renergen”), pursuant to a scheme of arrangement under South African law pursuant to which Renergen shareholders will receive 0.09196 new ASP Isotopes shares for each Renergen share held on the record date (the “Scheme”). A copy of the press release is attached to this Current Report on Form 8-K as Exhibit 99.1 and is incorporated herein by reference.

Item 9.01. Financial Statements and Exhibits.

Exhibit No.	Description
99.1	Press Release, dated December 17, 2025, of ASP Isotopes Inc. announcing receipt of regulatory approvals for acquisition of Renergen Limited.
104	Cover Page Interactive Data File (embedded within the Inline XBRL document)

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

ASP ISOTOPES INC.

Date: December 17, 2025

By: /s/ Donald G. Ainscow

Name: Donald G. Ainscow

Title: Executive Vice President,
General Counsel and Secretary



ASP Isotopes Inc. Announces Receipt of Regulatory Approvals for Acquisition of Renergen Limited

Positive progress in operations at Renergen's Virginia Gas Project with a production update expected at the end of January 2026

Washington, D.C., December 17, 2025 (GLOBE NEWSWIRE) -- ASP Isotopes Inc. NASDAQ: ASPI ("ASP Isotopes" or the "Company"), an advanced materials company dedicated to the development of technology and processes for the production of isotopes for use in multiple industries, today announced that all required regulatory approvals and clearances have been obtained for ASP Isotopes' proposed offer to acquire all of the issued ordinary shares of JSE-listed Renergen Limited ("Renergen"), pursuant to a scheme of arrangement under South African law pursuant to which Renergen shareholders will receive 0.09196 new ASP Isotopes shares for each Renergen share held on the record date (the "Scheme").

Accordingly, all remaining conditions precedent have been fulfilled or, where applicable, waived and the Scheme has become unconditional. Implementation of the Scheme will begin once the South African Takeover Regulation Panel issues the requisite compliance certificate, which is anticipated to be received on or about December 18, 2025. Upon receipt of the compliance certificate, ASP Isotopes and Renergen will publish the finalization announcement, containing the remaining salient dates and times for implementation of the Scheme.

Renergen is a public company incorporated under the laws of the Republic of South Africa, focused on production of liquefied helium (LHe) and liquefied natural gas (LNG) and is funded by the United States government given helium's strategic significance. The combination of Renergen and ASP Isotopes aims to create a global leader in the production of critical and strategically important materials, including electronic gases such as helium, various fluorinated products and isotopically enriched gases. The combination is expected to create a vertically and horizontally integrated supply chain with significant geographic and customer overlap with substantial synergies expected from 2026.

ASP Isotopes has been advised of positive progress in operations at Renergen's Virginia Gas Project and expects to provide a production update at the end of January 2026 following implementation of the Scheme.

About ASP Isotopes Inc.

ASP Isotopes Inc. is a development stage advanced materials company dedicated to the development of technology and processes to produce isotopes for use in multiple industries. The Company employs proprietary technology, the Aerodynamic Separation Process ("ASP technology"). The Company's initial focus is on producing and commercializing highly enriched isotopes for the healthcare and technology industries. The Company also plans to enrich isotopes for the nuclear energy sector using Quantum Enrichment technology that the Company is developing. The Company has isotope enrichment facilities in Pretoria, South Africa, dedicated to the enrichment of isotopes of elements with a low atomic mass (light isotopes).

There is a growing demand for isotopes such as Silicon-28, which will enable quantum computing, and Molybdenum-100, Molybdenum-98, Zinc-68, Ytterbium-176, and Nickel-64 for new, emerging healthcare applications, as well as Chlorine-37, Lithium-6, and Uranium-235 for green energy applications. We believe the ASP technology (Aerodynamic Separation Process) is ideal for enriching low and heavy atomic mass molecules. For more information, please visit www.aspisotopes.com.

Forward Looking Statements

This press release contains “forward-looking statements” within the meaning of the safe harbor provisions of the U.S. Private Securities Litigation Reform Act of 1995. Forward-looking statements are neither historical facts nor assurances of future performance. Instead, they are based only on our current beliefs, expectations, and assumptions regarding the future of our business, future plans and strategies, projections, anticipated events and trends, the economy, and other future conditions. Forward-looking statements can be identified by words such as “goal”, “target”, “believes”, “plans”, “anticipates”, “expects”, “aims”, “intends”, “estimates”, “projects”, “will”, “may”, “might”, “seeks”, “sees”, “should”, “would”, “expect”, “positioned”, “strategy,” and words of a similar nature. Examples of forward-looking statements include, among others but are not limited to, statements relating to the completion of the transactions in the anticipated timeframe or at all, the subsequent integration of ASP Isotopes’s and Renergen’s businesses and the ability to recognize the anticipated synergies and benefits of the transactions, the access to available financing (including financing in connection with the transactions) on a timely basis and on reasonable terms, the plans for a listing of Quantum Leap Energy as a standalone public company, the anticipated market demand for future products of ASP Isotopes and Renergen, the future of the company’s enrichment technologies as applied to uranium enrichment, the outcome of the company’s initiative to commence enrichment of uranium in South Africa and the company’s discussions with nuclear regulators, and statements we make regarding expected operating results, such as future revenues and prospects from the potential commercialization of isotopes, future performance under contracts, and our strategies for product development, engaging with potential customers, market position, and financial results. Because forward-looking statements relate to the future, they are subject to inherent uncertainties, risks, and changes in circumstances that are difficult to predict, many of which are outside our control. Our actual results, financial condition, and events may differ materially from those indicated in the forward-looking statements based upon a number of factors. Forward-looking statements are not a guarantee of future performance or developments. You are strongly cautioned that reliance on any forward-looking statements involves known and unknown risks and uncertainties. Therefore, you should not rely on any of these forward-looking statements. There are many important factors that could cause our actual results and financial condition to differ materially from those indicated in the forward-looking statements, including, but not limited to, risks related to: (i) the implementation of the Scheme in the anticipated timeframe or at all; (ii) the satisfaction of the Scheme conditions; (iii) the failure to obtain necessary regulatory approvals and third party consents; (iv) the ability to realize the anticipated benefits of the proposed acquisition of Renergen; (v) the ability to successfully integrate the businesses; (vi) disruption from the proposed acquisition of Renergen making it more difficult to maintain business and operational relationships; (vii) the negative effects of this announcement or the consummation of the proposed acquisition of Renergen on the market price of Renergen’s or ASPI’s securities; (viii) significant transaction costs and unknown liabilities; (ix) litigation or regulatory actions related to the proposed acquisition of Renergen; and (x) the factors disclosed in Part I, Item 1A. “Risk Factors” of the company’s Annual Report on Form 10-K for the fiscal year ended December 31, 2024 and any amendments thereto and in the company’s subsequent reports and filings with the U.S. Securities and Exchange Commission. Any forward-looking statement made by us in this press release is based only on information currently available to us and speaks only as of the date on which it is made. We undertake no obligation to publicly update any forward-looking statement, whether as a result of new information, future developments or otherwise. No information in this press release should be interpreted as an indication of future success, revenues, results of operation, or stock price. All forward-looking statements herein are qualified by reference to the cautionary statements set forth herein and should not be relied upon.

Contacts

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