

NEWS RELEASE

NANO Nuclear Energy Inc. Executives to Present at the ArcStone – Kingswood Growth Summit 2024

2024-09-26

Senior Company leaders will participate in a panel discussion highlighting the energy transition on September 26th, 2024.

New York, N.Y., Sept. 26, 2024 (GLOBE NEWSWIRE) -- NANO Nuclear Energy Inc. (NASDAQ: NNE) ("NANO Nuclear" or "the Company"), a leading advanced nuclear energy and technology company focused on developing portable, clean energy solutions, today announced that several senior executives will participate in a panel discussion at the ArcStone-Kingswood Growth Summit 2024, taking place in Toronto Canada on September 26, 2024.

The ArcStone-Kingswood Growth Summit 2024 will offer exclusive access to insightful sessions and expert-led panels on listing and cross-listing companies. Investors will have the opportunity to engage with executive management from both private and public companies across a range of high-growth sectors, including Technology, Artificial Intelligence, Energy, and more.

NANO Nuclear will take part in a panel discussion titled "Traditional Energy & Energy Transition" on September 26th. This session will be moderated by Jack Bensimon, Managing Partner, ArcStone Securities and Investments Corp.

"It is a pleasure for us to participate in this cross border growth summit," said Jay Yu, Founder and Chairman of NANO Nuclear Energy. "We are passionate in our mission to revolutionize the way industries around the world utilize nuclear energy. The Growth Summit in Toronto will continue our international reach, as well as discuss how advanced nuclear solutions can reshape the energy landscape in Canada. I am delighted to attend and look forward to our panel discussion, which will be an informative and exciting feature of the day."

Figure 1 - NANO Nuclear Energy Inc. to Participate in an ArcStone-Kingswood Growth Summit 2024 Panel Discussion
Titled "Traditional Energy & Energy Transition."

The event will showcase over 30 public and private companies from around the world, with more than 400 institutional investors, family offices, retail wealth advisors, high net worth individuals, and industry professionals expected to attend. The conference will include corporate presentations, panel discussions, one-on-one investor meetings, cocktail receptions, and an invitation-only VIP dinner, bridging the gap between Canadian and U.S. capital markets, and offering a platform for companies to highlight their growth potential and connect with key investors.

"I am delighted to see NANO Nuclear take part in this year's ArcStone – Kingswood Growth Summit," said James Walker, Chief Executive Officer and Head of Reactor Development of NANO Nuclear Energy. "NANO Nuclear is dedicated to innovation, like our proprietary microreactors and ancillary business lines, for the wider nuclear energy industry. Events like this are essential, as they provide a platform for business leaders and stakeholders to collaborate on addressing the challenges of today and planning for tomorrow."

About NANO Nuclear Energy, Inc.

NANO Nuclear Energy Inc. (NASDAQ: NNE) is an advanced technology-driven nuclear energy company seeking to become a commercially focused, diversified, and vertically integrated company across four business lines: (i) cutting edge portable microreactor technology, (ii) nuclear fuel fabrication, (iii) nuclear fuel transportation and (iv) nuclear industry consulting services. NANO Nuclear believes it is the first portable nuclear microreactor company to be listed publicly in the U.S.

Led by a world-class nuclear engineering team, NANO Nuclear's products in technical development are "ZEUS", a solid core battery reactor, and "ODIN", a low-pressure coolant reactor, each representing advanced developments in clean energy solutions that are portable, on-demand capable, advanced nuclear microreactors.

Advanced Fuel Transportation Inc. (AFT), a NANO Nuclear subsidiary, is led by former executives from the largest transportation company in the world aiming to build a North American transportation company that will provide commercial quantities of HALEU fuel to small modular reactors, microreactor companies, national laboratories, military, and DOE programs. Through NANO Nuclear, AFT is the exclusive licensee of a patented high-capacity HALEU fuel transportation basket developed by three major U.S. national nuclear laboratories and funded by the Department of Energy. Assuming development and commercialization, AFT is expected to form part of the only vertically integrated nuclear fuel business of its kind in North America.

HALEU Energy Fuel Inc. (HEF), a NANO Nuclear subsidiary, is focusing on the future development of a domestic

source for a High-Assay, Low-Enriched Uranium (HALEU) fuel fabrication pipeline for NANO Nuclear's own microreactors as well as the broader advanced nuclear reactor industry.

For more corporate information please visit: <https://NANO Nuclear Energy.com/>

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Cautionary Note Regarding Forward Looking Statements

This news release and statements of NANO Nuclear's management in connection with this news release or related events contain or may contain "forward-looking statements" within the meaning of Section 21E of the Securities Exchange Act of 1934, as amended, and the Private Securities Litigation Reform Act of 1995. In this context, forward-looking statements mean statements related to future events, which may impact our expected future business and financial performance, and often contain words such as "expects", "anticipates", "intends", "plans", "believes", "potential", "will", "should", "could", "would" or "may" and other words of similar meaning. These forward-looking statements are based on information available to us as of the date of this news release and represent management's current views and assumptions. Forward-looking statements are not guarantees of future performance, events or results and involve significant known and unknown risks, uncertainties and other factors, which may be beyond our control. For NANO Nuclear, particular risks and uncertainties that could cause our actual future results to differ materially from those expressed in our forward-looking statements include but are not limited to the following: (i) risks related to our U.S. Department of Energy ("DOE") nuclear fuel manufacturing submission and the development of new or advanced technology, including difficulties with design and testing, cost overruns, development of competitive technology, (ii) our ability to obtain contracts and funding to be able to continue operations, (iii) risks related to uncertainty regarding our ability to technologically develop and commercially deploy a competitive advanced nuclear reactor technology, (iv) risks related to the impact of government regulation and policies including by the DOE and the U.S. Nuclear Regulatory Commission, including those associated with the recently enacted ADVANCE Act, and (v) similar risks and uncertainties associated with the business of a start-up business operating a highly regulated industry. Readers are cautioned not to place undue reliance on these forward-looking statements, which apply only as of the date of this news release. These factors may not constitute all factors that could cause actual results to differ from those discussed in any forward-looking

statement, and the NANO Nuclear therefore encourages investors to review other factors that may affect future results in its filings with the SEC, which are available for review at www.sec.gov and at <https://ir.nanonuclearenergy.com/financial-information/sec-filings>. Accordingly, forward-looking statements should not be relied upon as a predictor of actual results. We do not undertake to update our forward-looking statements to reflect events or circumstances that may arise after the date of this news release, except as required by law.

Attachment

- **Figure 1**

Figure 1

NANO Nuclear Energy Inc. to Participate in an ArcStone-Kingswood Growth Summit 2024 Panel Discussion Titled "Traditional Energy & Energy Transition."

Source: NANO Nuclear Energy Inc.