



NANO
Nuclear Energy Inc.



KRONOS
MMR™



HALEU Energy
Fuel Inc.



ADVANCED FUEL
TRANSPORTATION INC.



NANO
Nuclear Space Inc.

**Creating the Next Generation of Advanced Small Nuclear Reactors,
Nuclear Fuel Fabrication and Transportation Technology for
Smaller, Cheaper and Safer Clean Energy Solutions**

INVESTOR PRESENTATION

September 2025

Cautionary Note Regarding Forward-Looking Statements

This presentation and statements of NANO Nuclear's management in connection with this presentation 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, plans, objectives, and goals which may impact our expected future business and financial performance, and often contain words such as "seek," "expects", "anticipates", "intends", "plans", "believes", "potential", "will", "should", "could", "would" or "may" and other words of similar meaning. Specifically, forward-looking statements include those related to our anticipated timelines for development, demonstration, regulatory approval and commercialization of our products, technologies and services. These and other forward-looking statements are based on information available to us as of the date of this presentation and represent management's current views and assumptions.

Readers are cautioned that forward-looking statements are not guarantees of future performance, events or results and should not be relied upon as a predictor of actual results. Forward-looking statements involve significant known and unknown risks, uncertainties and other factors, some of which may be beyond our control. Readers are also cautioned that actual results may differ materially and adversely from the results implied in forward-looking statements. For NANO, 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") or related state or non-U.S. nuclear licensing submissions, (ii) risks related the development of new or advanced technology and the acquisition of complimentary technology or businesses, including difficulties with design and testing, cost overruns, regulatory delays, integration issues and the development of competitive technology, (iii) our ability to obtain contracts and funding to be able to continue operations, (iv) risks related to uncertainty regarding our ability to technologically develop and commercially deploy a competitive advanced nuclear reactor or other technology in the timelines we anticipate, if ever, (v) risks related to the impact of U.S. and non-U.S. government regulation, policies and licensing requirements, including by the DOE and the U.S. Nuclear Regulatory Commission, including those associated with the recently enacted ADVANCE Act and the May 23, 2025 Executive Orders seeking to streamline nuclear regulation, and (vi) similar risks and uncertainties associated with the operating an early stage business a highly regulated and rapidly evolving industry.

Readers are further cautioned not to place undue reliance on our forward-looking statements, which apply only as of the date of this presentation. These factors may not constitute all of the factors that could cause actual results to differ from those discussed in any forward-looking statement, and we therefore encourage investors to review other factors that may affect future results in the our filings with the SEC, which are available for review at www.sec.gov and at <https://ir.nanonuclearenergy.com/financial-information/sec-filings>. We do not undertake to update our forward-looking statements to reflect events or circumstances that may arise after the date of this presentation, except as required by law.

About Us

NANO Nuclear Energy Inc. (Nasdaq: NNE) is an advanced technology-driven enterprise seeking to become a commercially focused, diversified, and vertically integrated nuclear energy company.

Our development strategy is focused on four business lines:

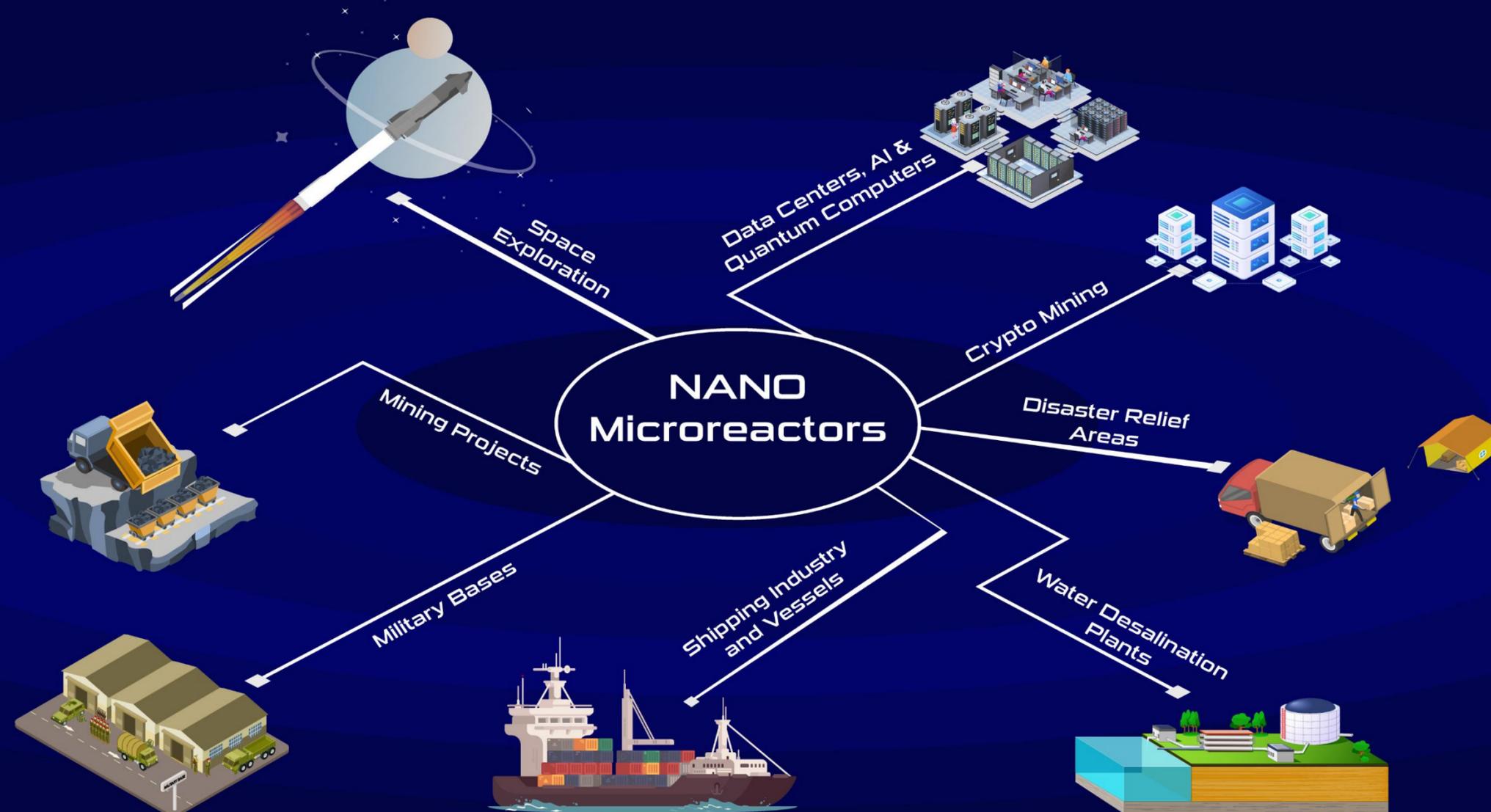
- Advanced Stationary and Portable Nuclear Microreactors
- Fuel Processing
- Nuclear Fuel Transportation
- Nuclear Consultation Services



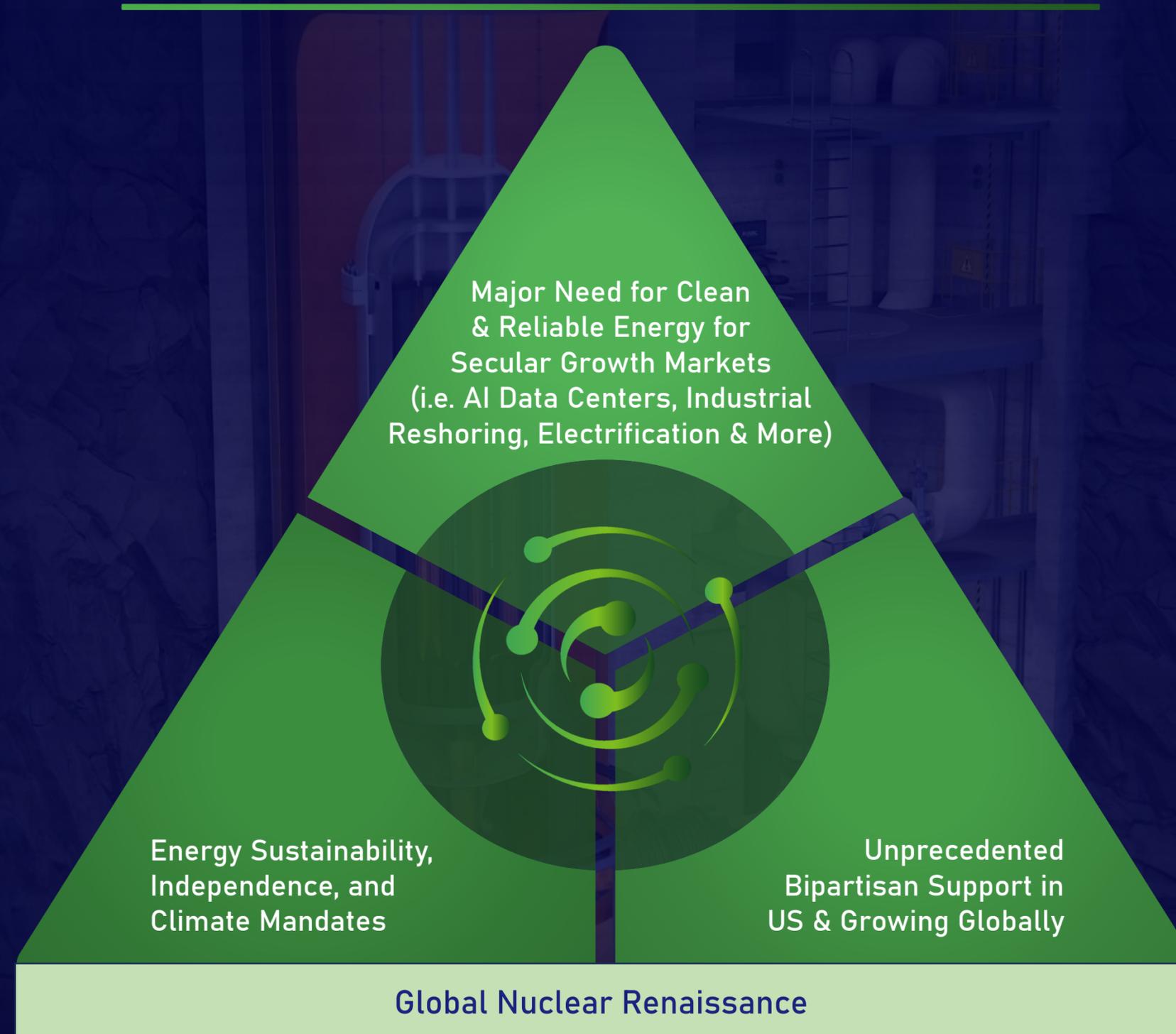
Investment Thesis

NANO's objective and vision is to be a commercial and domestic energy supply leader within the U.S. nuclear industry, and to advance U.S. domestic and foreign policy and national security priorities.

Robust Business Development Pipeline For Our Cutting Edge Microreactors:



NANO Nuclear at the Heart of a Global Nuclear Renaissance



Nuclear Energy Recognized as Ideal Source of Baseload Power to Meet Climate Goals

Growing Global Commitment to Triple Nuclear Capacity by 2050

31+ Countries



140+ Industry Leading Companies



14+ of the World's Largest Banks



15 Large Energy Users



Energy Source	Baseload Capable	Not Geographically Restricted?	Zero Emissions?	Highest Capacity Factor?
Gas/Oil				
Coal				
Wind				
Solar				
Hydroelectric				
Nuclear				

Tech Leaders Are Rapidly Expanding Nuclear Capabilities to Address Power Needs



September 2024: Jointly announced the restart of Three Mile Island nuclear power plant, with Microsoft agreeing to a 20-year PPA agreement and Constellation planning to invest ~\$1.6B.



September 2024: Founder Larry Ellison revealed Oracle already has building permits for three SMRs to power its future 1 gigawatt datacenter.



October 2024: AWS announced an MOU with Dominion Energy, Virginia's largest utility, to explore the development of SMR's developed by X-Energy and investing more than \$500 million into the project.



May 2025: CEO Jensen Huang said nuclear power is a good option for the renewable energy needed for the growing number of data centers.



October 2024: Partners with Kairos Power on SMR's, plans to deploy up to 500MW of capacity by 2035
May 2025: partners with Elementl Power developing three advanced nuclear sites, each with 600 MW.



December 2024: Issued a request for proposals to secure between 1 and 4 GW of nuclear capacity by the early 2030s
June 2025: Signs 20-year PPA agreement with Constellation Energy to buy 1.1GW from its Clinton Clean Energy Center



Microreactors - The Future of Nuclear Energy

- Increased potential for economies of scale driven by modularity, mass production, factory fabrication, and large-scale deployment.
- Ability to scale cost effectively based on customer ramp plans.
- Substantially less safety risk relative to traditional reactors and some SMRs due to several factors.
- Ability to co-locate at customer sites, providing the option for projects to operate independently off the grid to enable 24/7 baseload power.
- Significantly less on-site construction relative to Traditional Reactors and some SMRs, due to modular assembly reducing the likelihood of substantial cost over runs.

Energy Source	Economies of Scale?	Ability to Scale Cost Effectively?	Minimal Safety Risk?	Ability to Co-locate?	Fully Modular & Assembled at Site?
Traditional Nuclear	✗	✗	✗	✗	✗
Small Modular Reactors (SMRs)	?	?	?	?	?
Microreactors	☼	☼	☼	☼	☼

KRONOS MMR – Most Advanced Lead Development Project

KRONOS MMR™ Energy System – Key Attributes

- KRONOS MMR™ is a modular, stationary High Temperature Gas-Cooled Reactor (HTGR) design ideal for Data Centers and energy-intensive operations in manufacturing and infrastructure.
 - Utilizes Helium as the primary coolant
 - Up to 15MWe/45MWt capacity for each unit
- Fuel enrichment of 9.9% or up to 19.9%
 - KRONOS MMR™ fuel design is a TRISO-FCM
- Graphite Moderated
- Can provide a power output between 10 MWe to 1000 MWe (many units)
- Outlet temperature of the reactor is 660° C.
- Secondary cooling cycle using Molten Salt, Tertiary and final cycle of steam.

KRONOS MMR™ – Substantial Licensing and Project Development Progress

- Collaboration with the University of Illinois at Urbana-Champaign (UIUC) to build our first prototype with the aim of demonstrating the reactor's high technology readiness level (TRL)
 - The KRONOS MMR project with the UIUC has reached an early regulatory milestone by receiving approval from the NRC for Fuel Qualification Methodology (FQM) being used for KRONOS.
 - NANO has engaged AECOM Inc. through a master services agreement to provide critical engineering and environmental services for construction and deployment activities at the UIUC
 - Including site-specific engineering, environmental analysis and regulatory planning
- Pending Canadian governmental approvals of the acquisition, a 2nd prototype is expected to be built at Chalk River, Ontario partnered with Canadian Nuclear Laboratories (CNL) and in formal licensing with Canadian Nuclear Safety Commission (CNSC).
- Acquired 2.75-acre land and building package in Oak Brook, Illinois to serve as a demonstration office/facility & provide engineering, R&D and manufacturing support for KRONOS development
 - Working to hire up to 60 engineers to support both the UIUC & Canada Projects



Florent Heidet, Ph.D.
CTO and Head of Reactor Development

KRONOS – Differentiated with High-Tech Readiness & Proven Reactor Design

High Technological Readiness

- Supported by proven high-temperature gas-cooled reactor (HTGR) design.
- Substantial data on HTGR's in both research and commercial settings in the U.S. and globally.
- Well-known design and substantial historical data expected to benefit KRONOS in U.S. and Canadian licensing processes.

Substantial R&D Already Invested

- Prior to our acquisition, we believe KRONOS benefited from over \$120 million of capital raised by its prior owner to support its development.
- Numerous issued, pending or published patents.

Ideal for AI Data Center Projects

- Ideal for Data Centers where many KRONOS can be stacked, co-located, and scale cost effectively.
- As large a reactor as possible while remaining substantially modular.
- Designed to benefit from economies of scale from modularity, mass production, factory fabrication, and large-scale deployment.

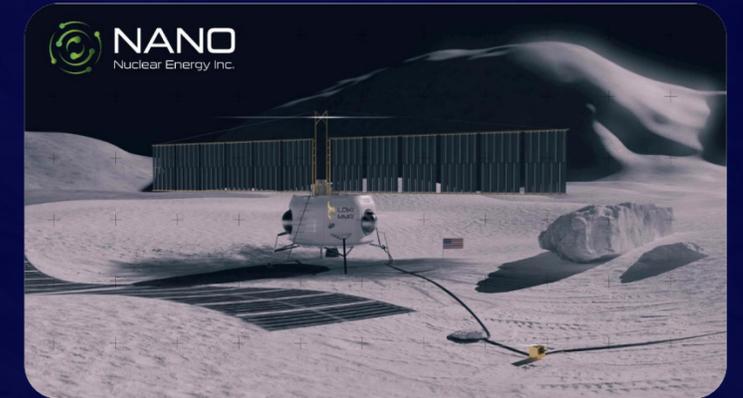
Nearing Formal Licensing Process in US & Canada

- Advancing in both U.S. and Canada's licensing processes.
 - Working toward submitting a construction permit application to the NRC by the end of 2025 or early 2026.
 - KRONOS MMR was the first microreactor to enter the Canadian Nuclear Safety Commission's formal licensing review.

Complementary Portfolio of Portable Reactor Designs – LOKI & ZEUS

LOKI MMR™ – Medium Capacity & Transportable

- The LOKI MMR is a portable nuclear reactor designed for versatility in application and deployment, including for remote terrestrial, marine, and space environments.
 - Designed for transportability via road, rail, sea, and air, enabling flexible deployment.
 - Supports scalability through interconnected systems to meet higher energy demands.
 - Power output between 0.5 MWe to 3 MWe.
 - Engineered for long-term extra-terrestrial use
- Fuel enrichment of less than 10%
 - Fuel design is a TRISO-FCM
- Graphite Moderated.



ZEUS™ – Smallest Capacity & Solid Core Battery Reactor

- Designed to be portable, serving as substitute for diesel generators and supporting forward operations.
 - Power output between 0.05 MWe to 0.5 MWe to 3 MWe.
- Fuel enrichment of less than 20%
 - AGR-2 TRISO particles with UCO fuel.
- Graphite Moderated.



Development led by world-class experts in their field:

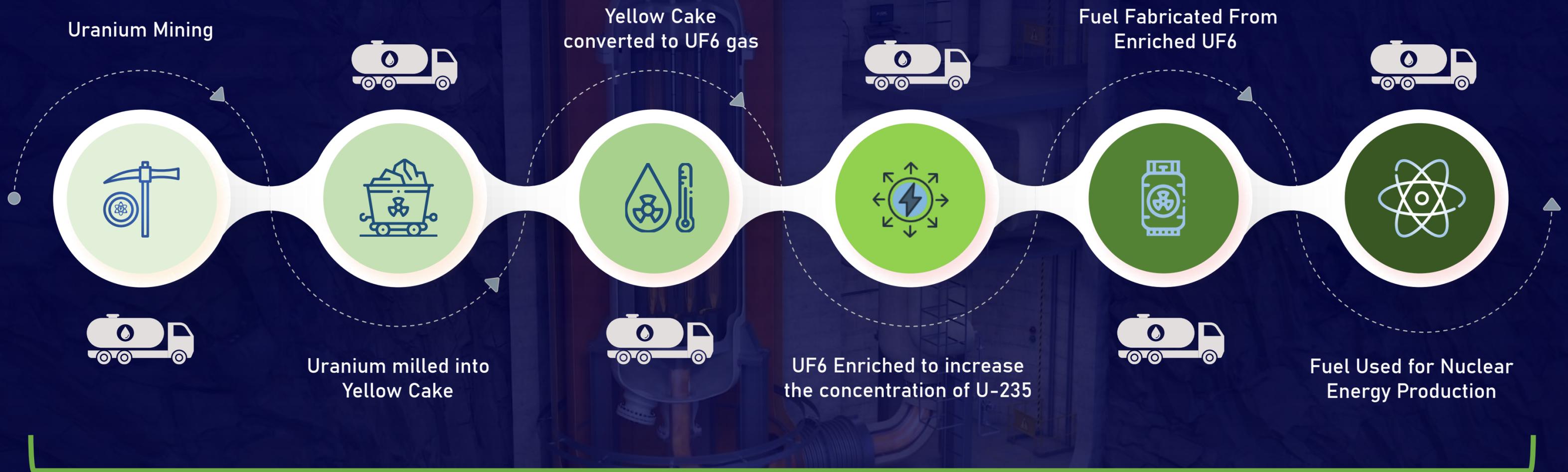


ZEUS™ – Key Developments

- On March 27, 2024 we filed an application for a U.S. Provisional patent for ZEUS as a solid core nuclear reactor. ZEUS has begun hardware testing using 1:2 scale graphite blocks setup for thermo-mechanical tests.
- On May 30th, 2025 announced of six new Patent Applications with the United States Patent and Trademark Office (USPTO).

Seeking Vertical Integration to De-Risk Reactor Deployment & Offer Near-Term Revenue Potential

Primary Steps of the Nuclear Fuel Cycle

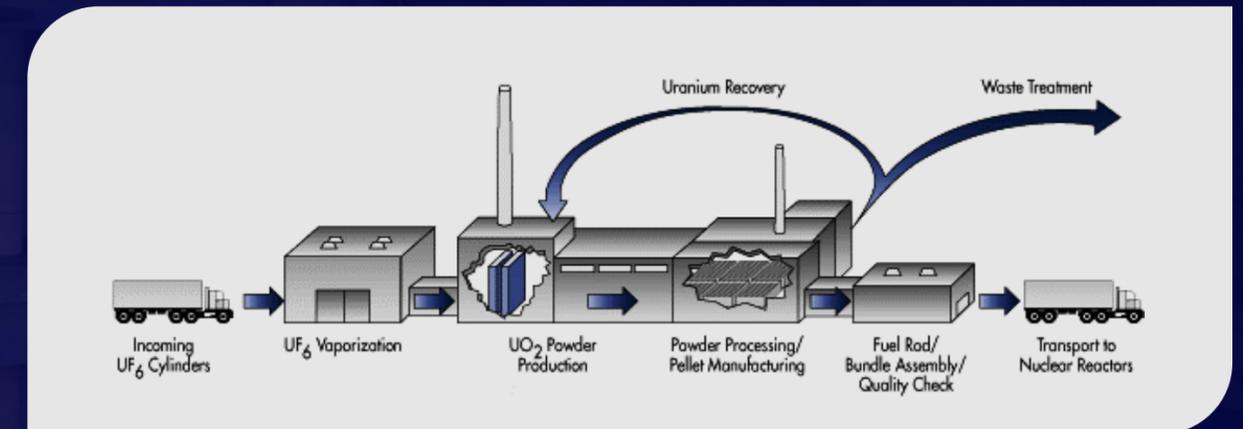


Fuel transport capabilities needed throughout the cycle

Strategic Focus on Fuel Processing Operations and Business

NANO Recognized Early the Need to Secure Its Own Fuel Supply Chain

- High-Assay Low-Enriched Uranium (HALEU) is needed to fuel many advanced nuclear microreactors.
- NANO's investment in LIS Technologies (LIST) to support the development of enrichment technology to address the enrichment bottleneck for deployment of advanced reactors.
 - NANO expects to produce diverse fuel forms for its own reactors, U.S. industry, the National Labs, the Department of Energy (DOE) and the Department of Defense (DOD).
- NANO's MOU with Dixitek to evaluate and assess the current capacities of uranium conversion to enrichment feedstock and its supporting infrastructure in Argentina, to potentially develop a conversion production line in Dixitek's existing facility.



NANO Selected As A Member of the DOE's HALEU Consortium

- The Consortium forms an integral component of the HALEU Availability Program and was established on December 7th, 2022, via the Energy Act of 2020.
- Aims to spur demand for additional HALEU production and private investment in the nation's nuclear fuel supply infrastructure, ultimately removing the federal government's initial role as a supplier.



Strategic Collaboration with LIS Technologies Inc. A Key Differentiator

Strategic Collaboration with LIS Technologies Inc. (“LIST”), the Only U.S.- Origin and Patented Laser-Based Uranium Enrichment Company

- The collaboration intends to reinvigorate the United States’ domestic uranium enrichment and fuel fabrication capabilities and includes:
- Execution of a strategic agreement between NANO and LIST under which
 - (i) The parties will collaborate on advancing LIST’s cutting-edge enrichment technology as it continues its development and moves towards the regulatory licensing process and
 - (ii) LIST will ultimately provide NANO with quantities of enriched Uranium Hexafluoride for NANO to process into fuel forms for its reactors in development and for future sale by NANO and LIST to third parties.
- As part of the agreement, NANO will develop supportive capabilities, including deconversion and fuel fabrication facilities, enabling LIST’s enriched UF₆ to integrate into a fuel manufacturing process delivering fuel to NANO’s microreactor systems in development and the wider nuclear energy industry.
- LIST recently independently assessed with a Technology Readiness Level (TRL) of 4.

LIST Selected as Prime Contractor for DOE’s \$3.4 Billion LEU Acquisition Program With NANO as a Key Subcontractor

- DOE awards contract to LIST as a prime contractor and NANO as a key subcontractor under which they may access task orders with a minimum value of \$2 million each as the companies seek to progress their nuclear fuel production, enrichment and related technologies and capabilities.
- The total overall amount appropriated under the LEU Acquisition Program is \$3.4 billion for up to 10 years, reflecting the DOE’s commitment to bolstering domestic fuel supply chains and advancing nuclear technology.



LIST is a related party of NANO through certain common ownership, officers and directors.



Dr. Jeff W. Eerkens is the inventor of the patented CRISLA process at LIST, and considered the Father of Laser Enrichment.

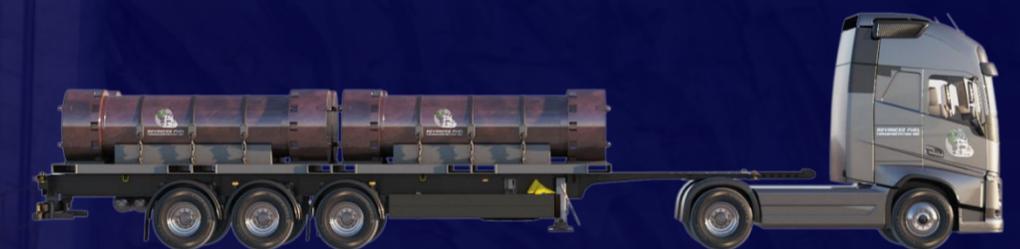
Fuel Transportation – Another Critical Gap in the Domestic Supply Chain

Advanced Fuel Transportation Inc. (AFT)

- Secured exclusive licensing rights for a patent of a high-capacity HALEU fuel transport cask technology (Patent No: US 11,699,534 B2). The technology is developed by the U.S. Government, three National Nuclear Laboratories and funded by the Department of Energy (DOE).
- AFT intends to manufacture a licensed, high-capacity HALEU transportation system for North America.
 - NANO has signed an agreement with Gesellschaft für Nuklear-Service mbH (GNS) to undertake a wide-ranging project to produce an optimized HALEU transportation system solution based on NANO's exclusively licensed fuel transportation basket design.
 - The agreement encompasses a study for the transport of multiple HALEU nuclear fuel types, including uranium oxide, TRISO particles, uranium-zirconium hydride, uranium mononitride, and salt fuel for molten salt reactors.
- Led by former executives from the largest transportation company and the DOE/National Laboratories.
- Aims to establish a North American transportation firm with patented technologies developed by ORNL, INL, and PNNL.
- Aims to transport HALEU fuel in commercial quantities to SMR's and microreactors, national labs, the military, and DOE programs.



**ADVANCED FUEL
TRANSPORTATION INC.**



Consulting Services



NANO Collaborating with the U.S. Government in Several Areas

Awarded AFWERX Direct to Phase II Contract for KRONOS MMR™ RDT&E at Joint Base Anacostia-Bolling

- Awarded a Direct to Phase II (D2P2) Small Business Innovation Research (SBIR) contract by AFWERX to explore the feasibility of deploying its advanced KRONOS MMR™ Energy System at Joint Base Anacostia-Bolling (JBAB) in Washington, D.C.
- The ~\$1.25 million contract will examine JBAB's current and future energy demands, grid vulnerabilities, siting options, environmental considerations, and regulatory pathways for introducing a first-of-a-kind nuclear microreactor to a dense urban military installation.
- Success with SBIR Phase 2 contract could provide opportunity for additional funding in the future



Signs Cooperative Research and Development Agreement (CRADA) with Idaho National Laboratory to Support Its Advanced Nuclear Reactor Development

- Ten-year agreement marks a major milestone in NANO's mission to build, test, gain regulatory approval for, and ultimately commercialize its advanced nuclear microreactors in development, notably its stationary KRONOS MMR™ and portable LOKI MMR™ systems.
- The CRADA will enable NANO Nuclear to leverage INL's world-class capabilities and expertise through the National Reactor Innovation Center to accelerate reactor development, from reactor design and materials qualification to siting, regulatory licensing, deployment, and decommissioning.
 - Benefits expected to include comprehensive lifecycle support for microreactor testing and deployment at INL, access to state-of-the-art testing environments and examination capabilities for fuel, components, and reactor materials and assistance with U.S. NRC and DOE regulatory pathways and safety case development.



NANO Expands Footprint in Key Strategic Hubs in Illinois and Tennessee

NANO Acquires 23,537-Square-Foot Demonstration and Office Facility on 2.75 acres of land in Oak Brook, Illinois to Support the Development of the KRONOS

- The facility will serve as a base for collaboration with the UIUC on development and regulatory licensing.
 - Oak Brook Facility will support up to the initial 60 nuclear engineers, researchers and support staff
- Illinois' established infrastructure and supportive political and social environments make Illinois an ideal location for advancing next-generation reactor technologies.
 - In 2023, Illinois generated 54.89% of its electricity from nuclear power and accounted for 13% of the nation's total nuclear output, according to the U.S. Energy Information Administration.
- The new facility's location near the U.S.-Canada border also positions NANO to advance existing plans to bring the KRONOS MMR™ to Canada and supports commercialization efforts across North America.



NANO Purchases Facility in Oak Ridge, Tennessee to Establish Nuclear Footprint in "Silicon Valley of Nuclear Technology"

- Purchased a 14,000 sq. ft. facility on 1.64-acres in Heritage Center Industrial Park in Oak Ridge, Tennessee
 - Includes a 2-story building and NANO recently completed renovations.
- The facility is near the Oak Ridge National Laboratory, the Spallation Neutron Source, the National Transportation Research Center, and The University of Tennessee's Center of Excellence in Engineering.
- The facility serves as a key site for our strategic collaboration with LIS Technologies, supporting future test loop demonstrations of the sole U.S.-origin, patented laser uranium enrichment technology.



Westchester County, NY Reactor Component & ALIP Demonstration Facility

NANO Establishes Specialized Facility in New York State to Demonstrate Key Components of its Nuclear Microreactor Designs & ALIP Technology

- The facility is being used to demonstrate the operation and viability of several non-nuclear parts and components of NANO's three nuclear microreactors in development: KRONOS MMR™, LOKI MMR™, and ZEUS™.
 - The facility has a custom-engineered thermal chamber for assessing high-temperature material behavior and component resilience to support non-nuclear mechanical and thermal testing necessary to develop NANO's microreactors and commercial products.
- aRobotics Company, a leading innovator in robotics fabrication, inspection, engineering and testing, will oversee the multimillion dollar build out of NANO's demonstration facility.
- The facility will also support ongoing work on NANO's SBIR Phase III project for its Annular Linear Induction Pump (ALIP) technology and commercialization efforts.
 - ALIP Technology a key enabler for systems requiring high temperature cooling systems with little maintenance, such as nuclear reactors utilizing salt or lead based coolants and space probes and vessels.
 - Department of Energy (DOE) granted the technology over \$1.37 million in aggregate in prior phases.
- NANO began development and prototyping of ALIP at the Westchester, NY facility. Efforts include mechanical testing as well as development of software models to validate & improve performance.
 - NANO's targeting commercialization in late 2025 or 2026, which could lead to near term revenue generation.
 - In July 2024, NANO filed a provisional patent to secure ALIP technology.
 - Q1 2025 - NNE has filed four new separate utility patent applications with the United States Patent and Trademark Office (USPTO).



ALIP

 **a
Robotics
Company**

Memorandums of Understanding

HALEU Energy Fuel Inc. signed an MOU with Centrus Energy Corp., a NYSE-listed company

- Centrus providing HALEU to HALEU Energy, as needed, to support HALEU Energy's research, development, and commercialization efforts, for fuel qualification, for NANO's initial test reactor cores and its commercial variant reactors. Verifying the compatibility of HALEU Energy's engineering and technical needs, and Centrus' technical and manufacturing capabilities to satisfy those engineering and technical needs.
- Centrus providing engineering and/or advanced manufacturing services to HALEU Energy.
- Centrus providing consulting services to HALEU Energy in the areas of fabrication, deconversion, regulatory and licensing, and transportation.



MOU with Dioxitek Further Provides Opportunity to Further Enhance Vertical Integration

- Establishes a non-binding framework through which NANO Nuclear and Dioxitek will evaluate and assess the current capacities of uranium conversion to enrichment feedstock and its supporting infrastructure in Argentina.
- NANO Nuclear and Dioxitek will investigate the feasibility of a further collaboration to support Argentina's nuclear supply chain by developing a conversion production line in Dioxitek's existing facility.



MOU with UrAmerica Ltd. to Help Develop Argentina's Nuclear Fuel Supply Chain

- The MOU formalizes the discussions to explore strategic development across Argentina's uranium-fuel supply chain.
- Both companies are now working to evaluate specific opportunities, ranging from mining and conversion to UF₆ feedstock supply, that could aid NANO in securing a dependable source of material for future supply chain options.
- Argentina has one of the largest uranium repositories in the world and its government is currently looking into the privatization of their nuclear energy sector, enabling innovators like NANO to invest and support the development of the nuclear energy infrastructure in the country.
- Through this MOU, NANO and UrAmerica aim to build the mining and milling capacities of the uranium supply chain in Argentina with the intention to be a part of the uranium fuel cycle exports into the U.S.



Memorandum of Understanding – African Nations

NANO has signed an MOU with the Rwanda Atomic Energy Board (RAEB)

- RAEB is Rwanda's Nuclear Energy Program Implementing Organization. Its role is to promote the safe and peaceful use of nuclear energy.
- RAEB is responsible for coordinating research and development on nuclear energy in Rwanda, establish partnerships with entities in the field of nuclear energy, support nuclear energy applications, and ensure compliance with international nuclear safety and security standards.



NANO has signed an MOU with the Government of the Togolese Republic

- The MOU establishes a framework under which NANO will collaborate with the Togolese government to advance the development and deployment of nuclear reactors, fuel facilities and nuclear material transportation within the territory of Togo.
- The collaboration aims to supplement Togo's national energy initiatives with advanced nuclear technologies, including microreactors and build a more robust energy ecosystem.

NANO has signed an MOU with the Namibia Industrial Development Agency (NIDA)

- The MoU represents a shared vision between NANO and NIDA to add significant value to the country's uranium resources, support industrial development, and create new opportunities for Namibian citizens within the global nuclear energy market.
- With Namibia already ranked among the world's top uranium producers, the collaboration aims to help position the country as a key player in the emerging secure and diversified global nuclear fuel supply chain.



NANO Nuclear Energy Inc. Chief Executive Officer James Walker and Richwell Lukonga, Chief Executive Officer of the Namibia Industrial Development Agency following the signing of the MoU.

Meet Our Senior Leadership Team And Executive Directors



Jay Yu - Founder, Chairman of the Board and President

Mr. Yu is a serial and leading U.S. advanced nuclear technology entrepreneur with 20 years of capital markets experience. He is a private investor in a multitude of companies and has advised a magnitude of company executives with corporate advisory services such as capital funding, mergers & acquisitions, structured financing, corporate restructuring, and other business development services geared at taking these companies to the next level. He is a self taught and private self investor, his relentless passion for international business has helped him develop key, strategic and valuable relationships throughout the world. Mr. Yu leads the corporate structuring, capital financings, executive level recruitment, governmental relationships and international brand growth of NANO Nuclear Energy Inc. In 2021, Mr. Yu was honored as one of The Outstanding 50 Asian Americans in Business.

James Walker - BEng, MSc, CEng, CPhys, Peng - CEO, Head of Nuclear Reactor Development and Board Member

Mr. Walker is a Nuclear Physicist and was the project lead and manager for constructing the new Rolls-Royce Nuclear Chemical Plant; he was the UK Subject Matter Expert for the UK Nuclear Material Recovery Capabilities, and was the technical project manager for constructing the UK reactor core manufacturing facilities. Mr. Walker was also seconded to Rolls Royce where he modeled configurations of RR's Zero-Power reactor to inform confidence limits for the UK's successor submarine's mechanical design, and worked for the Rolls-Royce Nuclear Thermal Hydraulics Engineering team investigating reactor channel thermal performance to inform new reactor designs and support the safety case for reactors in current class submarines.



Experienced Government Relations and Nuclear Regulatory Team



Eric R. Oesterle - Head of Microreactor Regulatory Licensing

Mr. Oesterle previously had over 38 years of licensing, regulatory, project management, engineering, industrial and construction experience primarily in the nuclear power industry and at the Nuclear Regulatory Commission (NRC). He has extensive knowledge of the regulatory frameworks for licensing, construction, operation, and regulation of new reactors, small modular reactors, and advanced non-light water microreactors. His 15-year NRC career included several supervisory roles as Branch Chief for Operating Reactor Licensing, Reactor Safety Systems, License Renewal and Subsequent License Renewal.



David Tiktinsky - Head of Nuclear Regulatory Licensing

Mr. Tiktinsky has been an Senior Nuclear Regulatory Licensing Specialist and advisor to some of the most well known advanced nuclear technology companies in the nation. In this role, he assisted current and new applicants and licensees in licensing nuclear fuel cycle and medical isotopes facilities regulated by the Nuclear Regulatory Commission (NRC). Mr. Tiktinsky previously had 39 years of licensing and project management experience working for the NRC. He has extensive knowledge of the commercial regulatory regime and all aspects of licensing, constructing, and regulating nuclear fuel cycle and medical isotopes facilities.



Michael Norato, Ph.D. - Director of Nuclear Facilities and Infrastructure

Dr. Norato has over 25 years of experience in chemical separations technologies involving used nuclear fuel and radioactive waste processing, as well as experience in commercial nuclear industry regulation and nuclear facility decommissioning. His broad nuclear energy related background includes leadership positions at the Idaho National Laboratory (INL), U.S. Department of Energy Office of Environmental Management (DOE-EM), the U.S. Nuclear Regulatory Commission (NRC) and the Savannah River National Laboratory (SRNL).

Experienced Government Relations and Nuclear Regulatory Team



John G. Vonglis - Executive Director of Global Government Affairs

Mr. Vonglis served as the Senate-confirmed Chief Financial Officer and Chief Risk Officer of the U.S. Department of Energy from 2017 to 2019. As CFO, John oversaw all financial matters for the Department of Energy. He was also appointed by the President as Acting Director of the Advanced Research Projects Agency-Energy (ARPA-E), a federal agency focused on advancing early-stage, high-potential, high-impact energy technologies while minimizing risk to taxpayers.



Brent Hamilton - Director of Quality Assurance

Mr. Hamilton brings over 26 years of expertise in quality control, engineering, and assurance across nuclear construction, fuel manufacturing, and DOE projects. He has led the development and implementation of Quality Management Systems to meet stringent regulatory requirements and has played key roles in projects like TRISO fuel manufacturing, the AP1000 reactors, and spent fuel handling facilities. His experience will provide critical guidance as NANO advances its reactor development initiatives.

World Class Nuclear Engineering and Technical Team



Florent Heidet, Ph.D. - CTO and Head of Reactor Development

Chief Technology Officer and Head of Reactor Development, Ph.D. and M.Sc. in Nuclear Engineering from the University of California, Berkeley. Dr. Heidet is a world-renowned expert on advanced nuclear reactor technologies, leveraging two decades of nuclear engineering and project management expertise. Dr. Heidet was previously the Head of Engineering at Ultra Safe Nuclear Corp. (USNC), where he led a multidisciplinary team of over 100 experts working around the globe to advance the development of the KRONOS MMRTM Energy System and LOKI MMRTM technologies. Prior to his leadership role with USNC, Dr. Heidet spent 12 years at Argonne National Laboratory, where he played a central role in most of the laboratory's reactor design projects. He also led the design of the Versatile Test Reactor, a \$2 billion program under the auspices of the U.S. DOE.



Professor Massimiliano Fratoni - Senior Director and Head of Reactor Design

Massimiliano Fratoni is Xenel Distinguished Professor and Chair in the Department of Nuclear Engineering at the University of California, Berkeley (UCB). He received a Laurea in Nuclear Engineering from Università di Roma "La Sapienza" (Italy), and a MSc and a PhD from the University of California, Berkeley. Prior to joining the Nuclear Engineering Department at UCB, he held a Research Scientist position at the Lawrence Livermore National Laboratory and a faculty position at The Pennsylvania State University.

Nuclear Engineering



Professor Peter Hosemann - Head of Nuclear Reactor Design and Materials

Professor and Department Chair of Nuclear Engineering Department in UC Berkeley. Prof. Hosemann's career started at the Montanuniversitaet Leoben in Austria where he received his Ph.D. and MS degree in Material Science. He joined Los Alamos National Laboratory in 2005 as a graduate research assistant and continued as a Post doc from 2008-2010 before joining UC Berkeley's nuclear engineering department.

Nuclear Engineering

Board Of Executive Advisors (Former U.S. National Leaders)



**Former 47th Governor of Texas and United States Secretary of Energy Rick Perry –
Chairman of Executive Advisory Board**



**Retired 4-Star General and Former Supreme Allied Commander Wesley K. Clark, KBE –
Chairman of Executive Advisory Board for Military and Defense**



**Retired Lieutenant General Terry Robling - Chairman of the Executive Advisory
Board for Federal and Defense Appropriations and Requirements**



**Retired Vice Admiral Charles J. "Joe" Leidig, Jr. –
Chairman of its Executive Advisory Board for Naval Nuclear Initiatives**



**Chief U.S. Negotiator during the North Korean nuclear crisis of 1994 Robert Gallucci , Ph.D. –
Chairman of the Executive Advisory Board for Nuclear Policy**



**Former Congressman Daniel M. Donovan Jr. -
Chairman of the Executive Advisory Board for Market Intelligence**



**Wesley K. Clark
& Associates, LLC**



**Mark Nichols -
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**Lassina Zerbo, Ph.D. -
Chairman of the Executive Advisory Board for Africa**



**Michelle Amante-Harstine -
Senior Strategic Advisor to the Executive Advisory Board for U.S. Energy Initiatives**



**David Huckeba -
Chairman of the Executive Advisory Board for USA**

Meet Our Management and Staff



Jaisun Garcha - MBA, CPA, CGA - Chief Financial Officer

Jaisun Garcha has 20 years of experience in financial management, corporate governance, and risk management in both public and private companies, including high-growth and start-up stage organizations.



Tom Cuce - President of Advanced Fuel Transportation Inc.

Tom Cuce, former UPS President of Global Transportation has over 25 years of driving transformative supply chain solutions and profitability through strategic planning and process optimization across the global logistics and package delivery industry.



Darlene T. DeRemer - Executive Director of Corporate Finance

As a senior banker, Ms. DeRemer focuses on the global asset management industry, advising clients on a wide range of strategic transactions. With over 25 years of experience as a leading adviser in the financial services industry, she has specialized in strategic marketing, product design, and the implementation of innovative service strategies.



Oscar Leandro, MBA - VP of Corporate Development

Oscar Leandro is an accomplished investment professional and entrepreneur with a robust track record in alternative investments and energy development.



NANO
Nuclear Energy Inc.



KRONOS
MMR™



HALEU Energy
Fuel Inc.



ADVANCED FUEL
TRANSPORTATION INC.



NANO
Nuclear Space Inc.

THANK YOU!

For Further Information, Please Contact:

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