NANO Nuclear Energy Inc.

KRONOS MMR™

HALEU Energy Fuel Inc.

ADVANCED FUEL TRANSPORTATION INC.

NANO Nuclear Space Inc.

Developing Next Generation Microreactors, Nuclear Fuel Fabrication and Transportation Technology for Smaller, Simpler and Safer Clean Energy Solutions

INVESTOR PRESENTATION

January 2026

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 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"), U.S. Nuclear Regulatory Commission ("NRC"), Canadian Nuclear Safety Commission ("CNSC") or related state or other U.S. or non-U.S nuclear licensing submissions, (ii) risks related the development of new or advanced technology and the acquisition of complementary 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 NRC, 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 a developing business a highly regulated, competitive and rapidly evolving industry, including that our plans may change and we may use our cash on hand faster or in different ways than anticipated as our business requires.

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

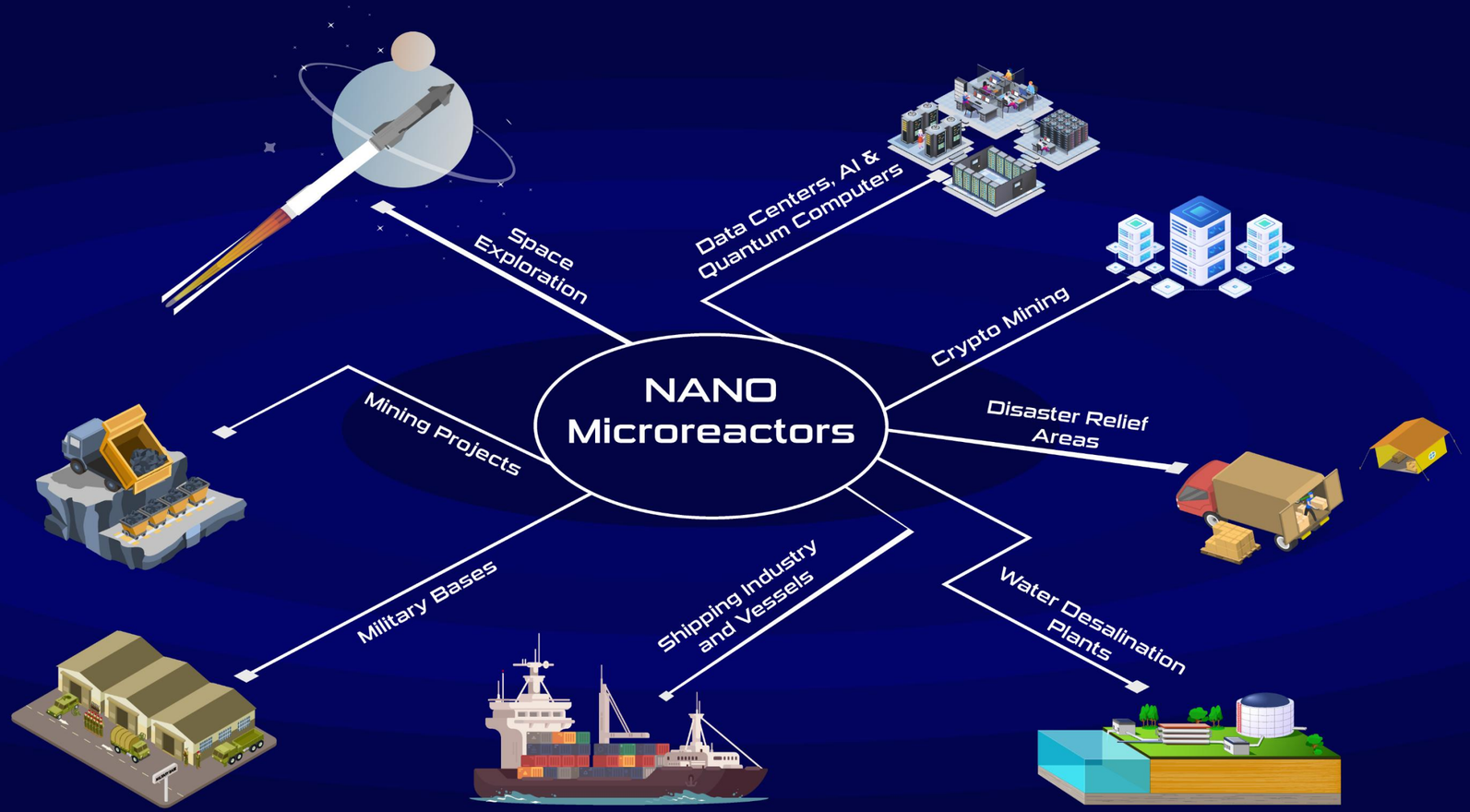
NANO Nuclear Energy Inc. (Nasdaq: NNE) is an advanced technology-driven enterprise seeking to become a commercially focused, diversified, and vertically integrated nuclear energy company.

Our development strategy is primarily focused on several business lines:

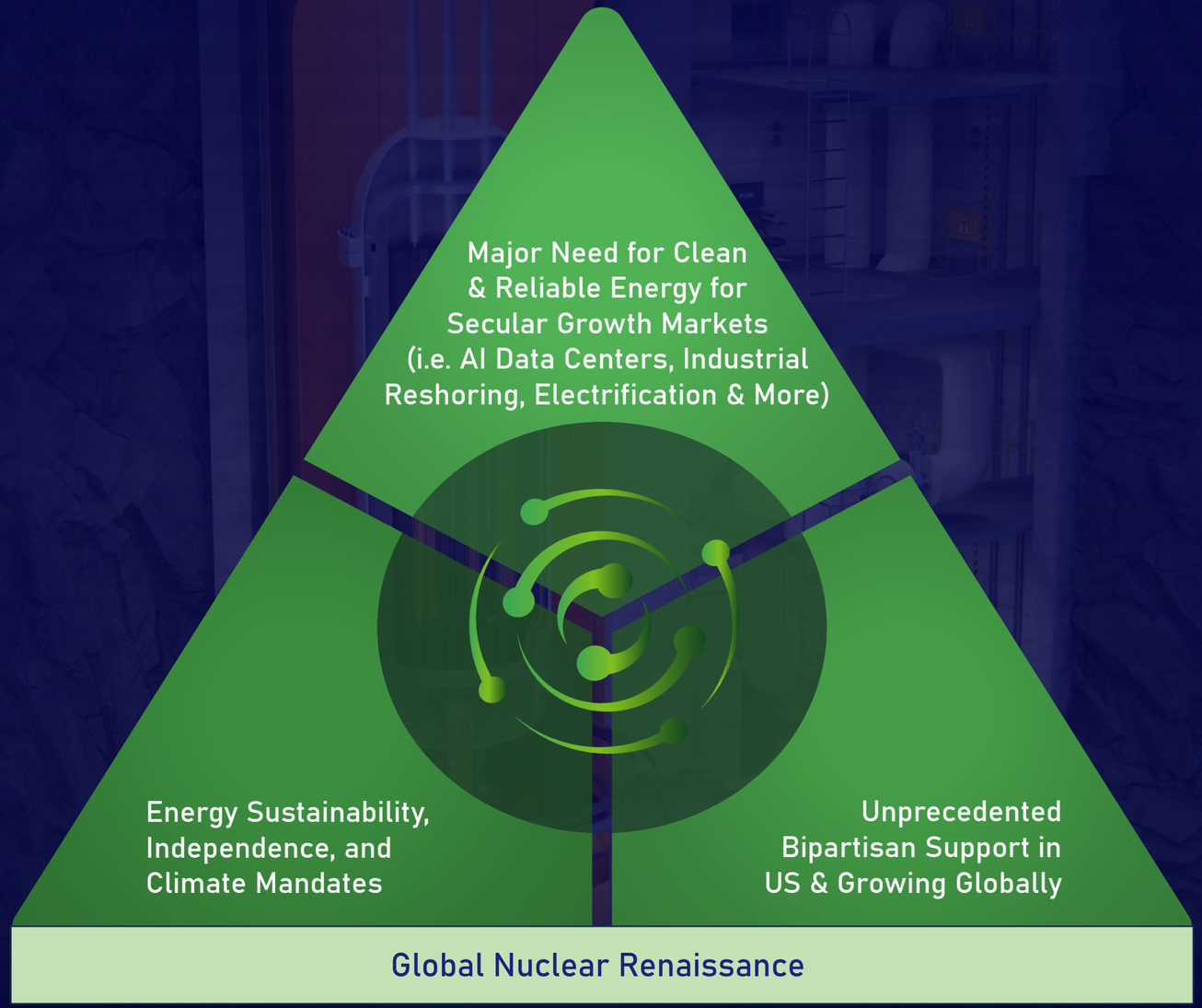
- ❑ Advanced Stationary and Portable Nuclear Microreactors
- ❑ Fuel Processing
- ❑ Nuclear Fuel Transportation

Robust Pipeline of Opportunities

Robust Business Development Pipeline For Our Cutting Edge Microreactors:



NANO Nuclear at the Heart of a Global Nuclear Renaissance



Tech Leaders Are Rapidly Expanding Nuclear Capabilities to Address Power Needs

Microsoft / Constellation

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.

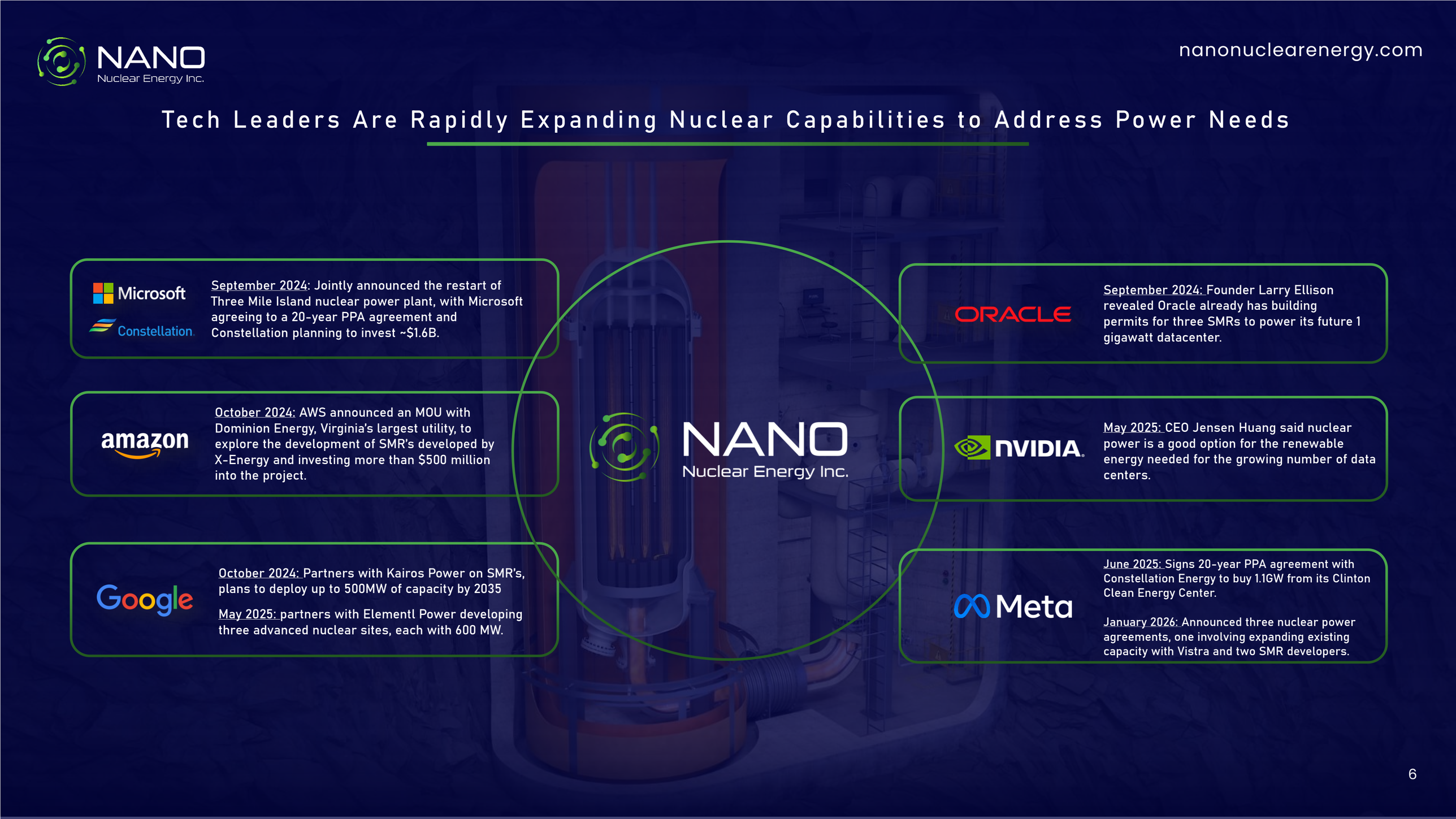
amazon

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.

Google

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.



ORACLE

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

NVIDIA

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

Meta

June 2025: Signs 20-year PPA agreement with Constellation Energy to buy 1.1GW from its Clinton Clean Energy Center.

January 2026: Announced three nuclear power agreements, one involving expanding existing capacity with Vistra and two SMR developers.

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

BARCLAYS Goldman Sachs Morgan Stanley

15 Large Energy Users

amazon Dow Meta

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

Nuclear a Rare Beneficiary of Unprecedented Bipartisan Support in U.S.

September 2018

Nuclear Energy Innovation Capabilities Act

January 2019

Nuclear Energy Innovation & Modernization Act

August 2022

Inflation Reduction Act

July 2024

ADVANCE Act

May 2025

4 Executive Orders Promoting Nuclear Power Industry

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 and factory fabrication 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?	Modular & Assembled at Site?
Traditional Nuclear	✗	✗	✗	✗	✗
Small Modular Reactors (SMRs)	?	?	?	?	?
Microreactors	⚛	⚛	⚛	⚛	⚛

KRONOS – Differentiated with High-Tech Readiness Level & De-Risked Reactor Design

High Technology Readiness Level

- Supported by proven high-temperature gas-cooled reactor (HTGR) design using TRISO fuel
- 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

De-Risked Reactor Design

- 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.

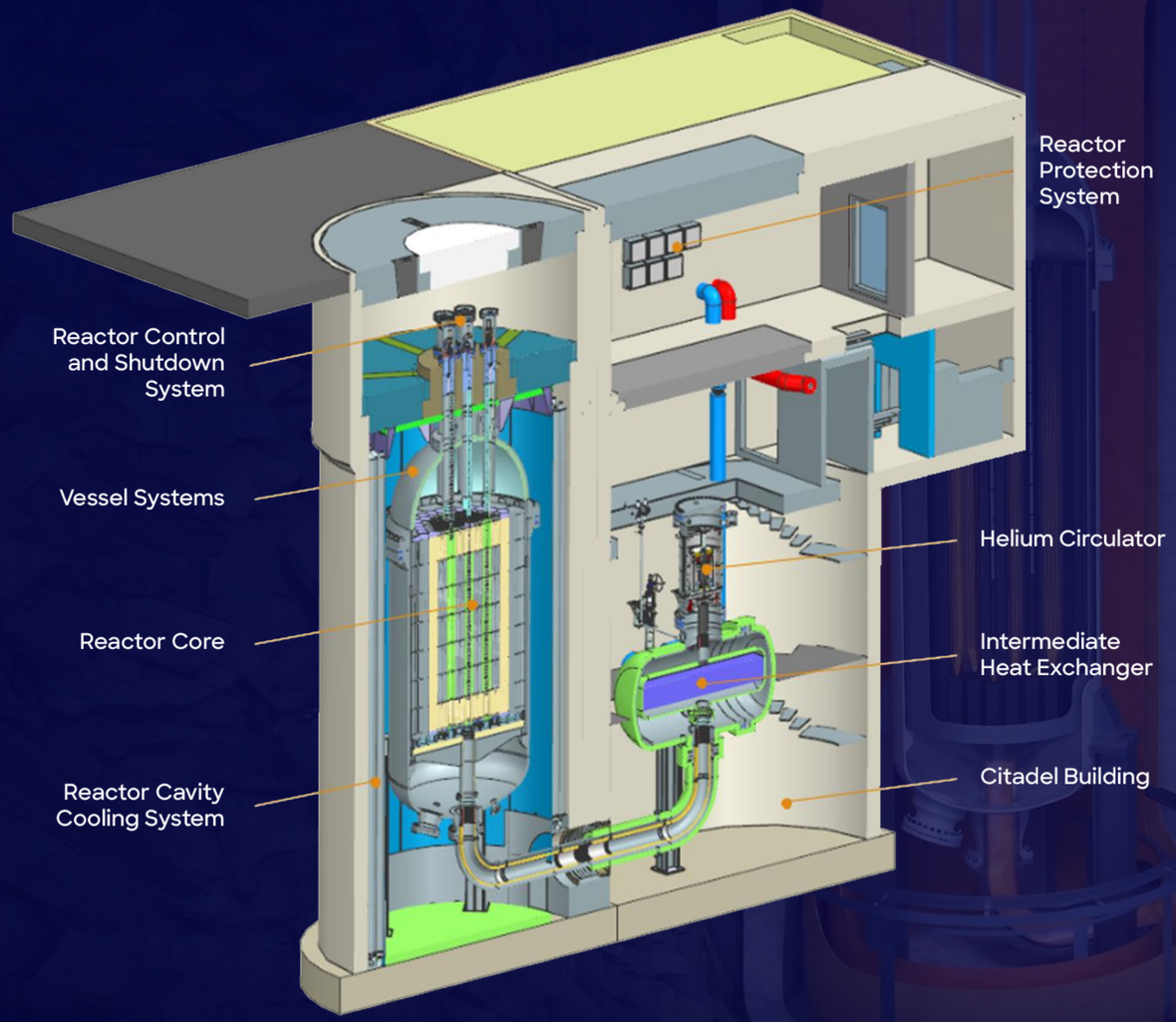
Ideal for Large Scale Projects

- 15MWe/45MWt capacity ideal for Data Center projects where many KRONOS MMR's can be connected, co-located, and used to 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

- Working toward submission of a construction permit application to the NRC in early 2026.
- KRONOS MMR was the first microreactor to enter the Canadian Nuclear Safety Commission's (CNSC) formal licensing review
- Working toward submission of a license to prepare site (LTPS) with the CNSC

KRONOS MMR Reactor Technical Feature Summary



Standard Design Characteristics		
Materials	Coolant	Helium
	Fuel	TRISO-FCM
	Enrichment	9.9% (optionally, up to 19.9%)
	Moderator	Graphite
	Structure	Steel
	Buildings	Pre-fab ISO containers + concrete (precast or cast-in-place)
Reactor characteristics	Power	~15 MWe or 45 MWth
	Pressure	6 MPa
	Coolant T.	300-660°C
	Fuel mass	~950 kg
	Cycle length	3 to 6.6 EFPY
	IHX	Printed-Circuit Heat Exchanger
Balance of Plant	Secondary Medium	Molten Salt (solar salt)
	Electricity Production	Steam generator and turbines
	Efficiency	35-36%
Attributes	Passive safety, load-following, energy storage, road transportable components, zero EPZ, black start capable	

KRONOS MMR Builds on Decades High-Temperature Gas-Cooled Reactor Deployments

Peach Bottom 1

Coolant:
Helium

Temperature Range:
~700° C

Fuel Form:
U-Th Carbide kernels
in graphite blocks

1966-1974
115 MWt

Dragon

Coolant:
Helium

Temperature Range:
350-750° C

Fuel Form:
TRISO in graphite blocks

1966-1975
20 MWt

AVR

Coolant:
Helium

Temperature Range: 270-950° C

Fuel Form:
TRISO in graphite pebbles

1967-1988
46 MWt

Fort St Vrain

Coolant:
Helium

Temperature Range:
406-785° C

Fuel Form:
TRISO particles in
graphite blocks

1976-1989
842 MWt

THTR

Coolant:
Helium

Temperature Range:
250-750° C

Fuel Form:
TRISO Fuel in graphite
pebbles

1986-1989
750 MWt

HTTR

Coolant:
Helium

Temperature Range:
395-950° C

Fuel Form:
TRISO in graphite
blocks

1998-2011,
2021- Present
30 MWt

HTR-10

Coolant:
Helium

Temperature Range:
250-700° C

Fuel Form:
TRISO LEU in graphite
pebbles

2003 – Present
10 MWt

HTR-PM

Coolant:
Helium

Temperature Range:
750° C

Fuel Form:
TRISO LEU in graphite
pebbles

2023 - Present
500 MWt

KRONOS MMR

Coolant:
Helium

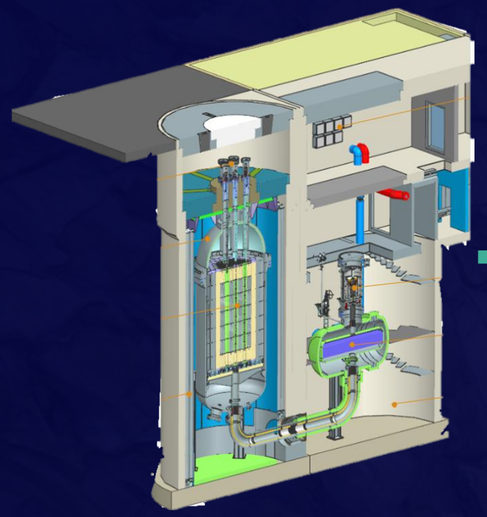
Temperature Range:
300-660° C

Fuel Form:
TRISO LEU+ in SiC
matrix in graphite
blocks

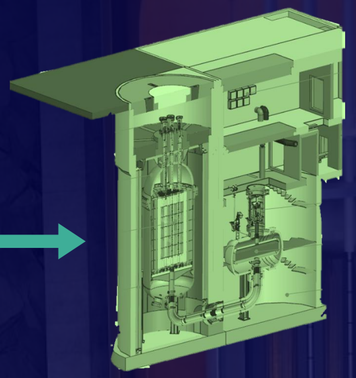
In Development
45 MWt

Core materials, coolant and key parameters validated from prior successful HTGR deployments

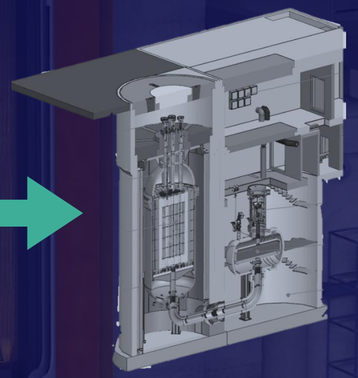
Simple/Flexible Design and Modularity Enable Deployment Versatility



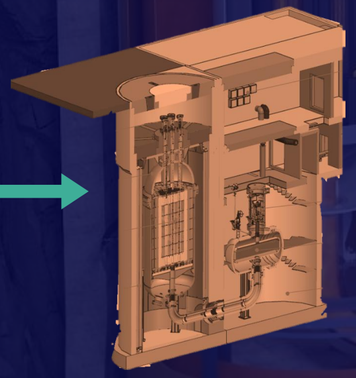
"Standard Design"



Lower Capacity



Medium Capacity

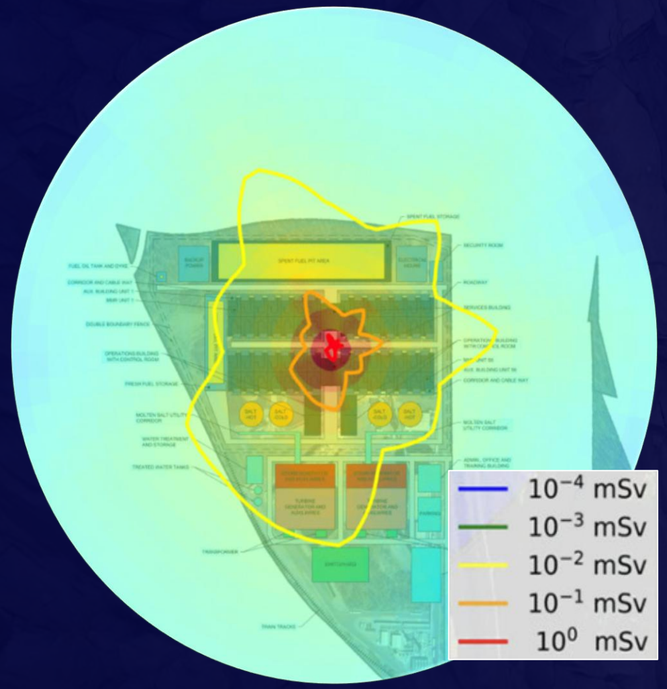


Higher Capacity

- KRONOS' standard design and modularity provides versatility in deployment and ability to serve various industries and projects of different scales
  - Option 1: Standard design can be set to operate at almost any power at or below 15-20 MWe for one local unit for specialty needs
  - Option 2: Multiple units can be distributed to deliver power where needed
  - Option 3: Many units can be modularly deployed and connected to serve projects up to 1GWe+
- KRONOS MMR able to scale up cost effectively over time to meet staged expansions of larger projects

Reactor Safety Features Enable Favorable Footprint & Ability to Co-locate

Reactor	Negative Reactivity Feedback	Passive Heat Removal	Passive Shutdown	Safety Attributes	Fuel Safety Features
KRONOS	Yes	Yes	Yes	Inert coolant, high-temp materials	TRISO



- Reactor safety features support a favorable footprint with almost no emergency planning zone needed, enabling the ability to co-locate at site, providing the option for off-grid power
- Illustration depicts a hypothetical radioactive dose dispersion for a 840 MWe plant, under Design Based Accident conditions
- Emergency Planning Zone (<1 mSv) well within the nuclear site boundary – showing meaningful radiation exposure not extending far beyond reactor building

KRONOS' Value Proposition Drives Growing Pipeline of Commercial Opportunities

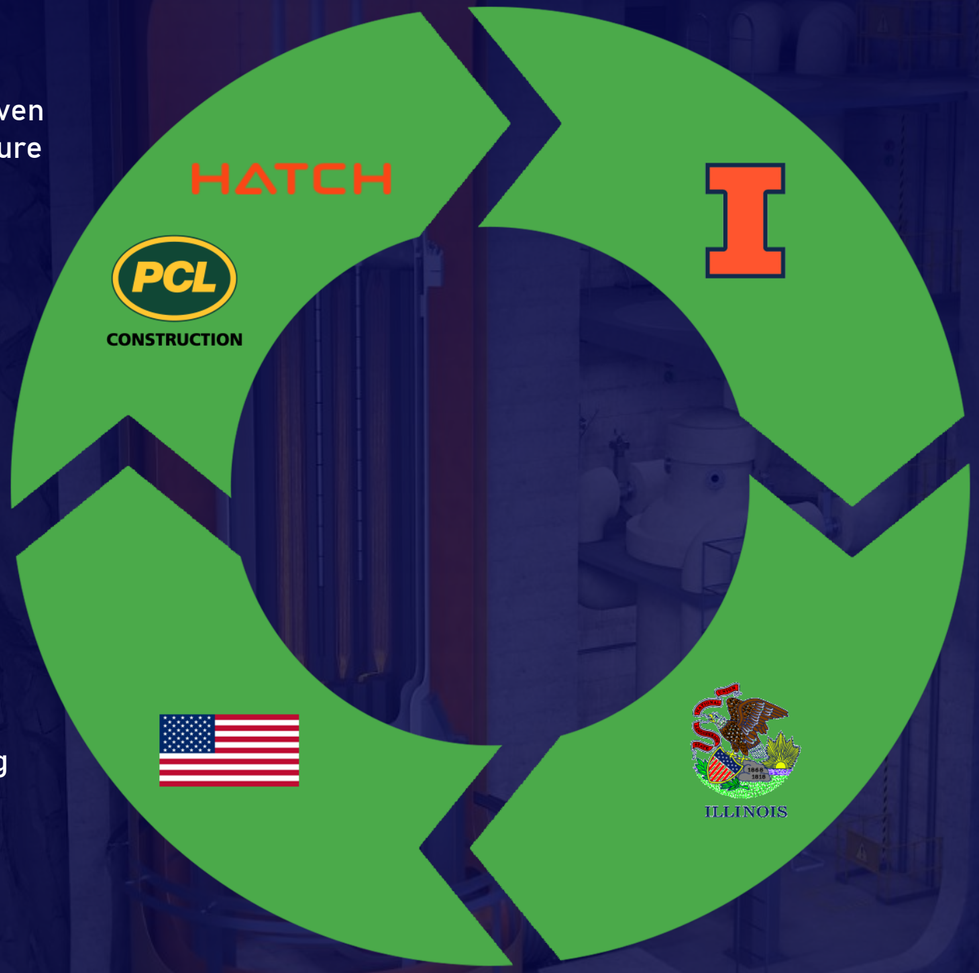
U. of I. Prototype Project Details

- NANO Nuclear expects to build its 1st commercial prototype on the campus of the University of Illinois (U. of I.)
  - Received U.S. NRC approval of several topical reports as part of pre-licensing process
  - Partnered with AECOM to provide environmental review, regulatory planning, and site characterization at U of I necessary for construction permit application (CPA)
  - Signed an MOU with the Board of Trustees to collaborate on the development, construction, and operation of our KRONOS MMR™ on campus as an advanced research reactor
- Expect to begin NRC licensing process in early 2026 upon submission of a CPA for the project under Part 50 of NRC licensing process
  - Key steps following CPA submission would be beginning construction activities, submission of operating license application, fueling, and commissioning
- Targeting project to be online by 2029 or 2030, while also evaluating opportunities to expedite project timeline

Strategic Collaborations and Project Support Enabling Success

Key Project Supporters

- Hatch & PCL bring decades of proven experience in complex infrastructure delivery
- Capabilities include engineering, procurement, construction, construction management, long lead component delivery



University of Illinois

- U of I provides credibility, nuclear engineers, technical capabilities, and licensing/stakeholder support
- Partnership could be a model for deployment nationwide

Unprecedented Federal Bipartisan Support

- Recent Presidential EO's signaling new phase of regulatory momentum by directing the NRC, DOE & DOD to support reactor development and deployment

State of Illinois

- Strong policy support highlighted by recent REV incentive agreement
- Unmatched nuclear infrastructure, workforce, and environment for a first-of-a-kind microreactor

Potential Chalk River Demonstration Project Details

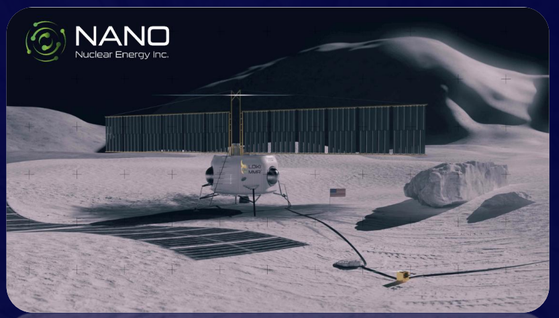
- NANO Nuclear aims to build a 2nd commercial prototype at Chalk River Ontario, with Canadian Nuclear Labs (CNL) as a potential partner
- Our KRONOS MMR™ was the 1st microreactor to enter Canada's Phase 1 licensing process with the Canadian Nuclear Safety Commission (CNSC), providing a potential first mover advantage
- Global First Power Limited (GFPL), which was acquired by NANO Nuclear from UltraSafe Nuclear Corporation (USNC), previously owned the CNSC licensing application for the Chalk River project and completed several pre-licensing steps in Canada
  - These include successful completion of the Vendor Design Review and early submission of the first part of the License to Prepare Site (LTPS).
- NANO Nuclear's acquisition of GFPL enables the company to continue its advancement towards submission of the LTPS step of the CNSC's licensing process, which would initiate the formal licensing process
  - Key steps following a LTPS submission would be submission of a License to Construct Application, beginning construction activities, submission of a License to Operate Application, fueling and commissioning
- Targeting project to be online around 2030, while also evaluating opportunities to expedite project timeline

Complementary Portfolio of Portable Reactor Designs – LOKI & ZEUS

LOKI MMR™ – Medium Capacity & Transportable

- 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
- Fuel enrichment of less than 10%
  - Fuel design is a TRISO-FCM
- Graphite Moderated

LOKI MMR™



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
- 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 30, 2025 announced of six new Patent Applications with the United States Patent and Trademark Office (USPTO).

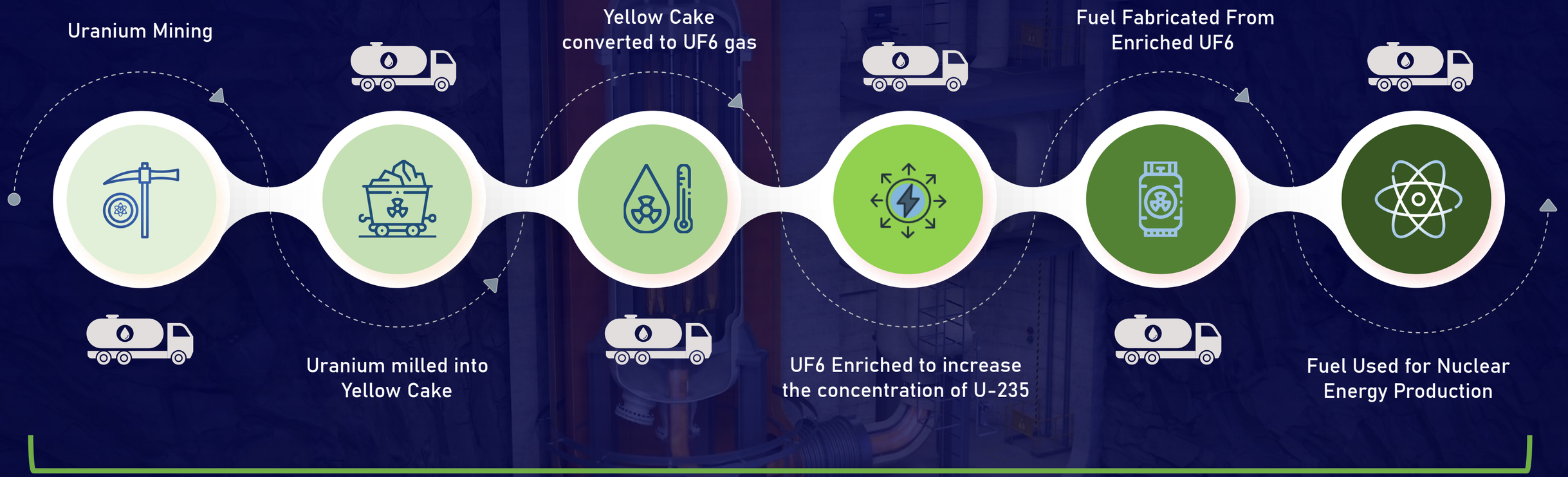
ZEUS
NANO Reactor

Development led by world-class experts in their field:

Professors Peter Hoseman and Massimiliano Fratoni of UC Berkeley

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

Primary Steps of the Nuclear Fuel Cycle

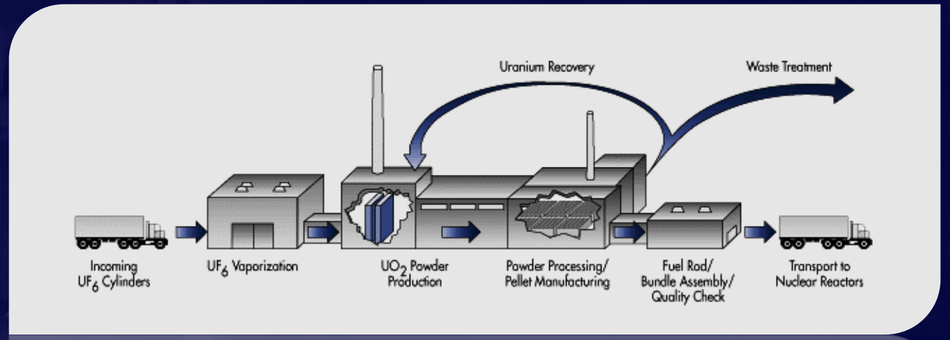


Fuel transport capabilities needed throughout the cycle

Strategic Focus on Fuel Processing Operations and Business

NANO Securing Its Fuel Supply Chain Via Collaborations on Enrichment & Conversion

- High-Assay Low-Enriched Uranium (HALEU) 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 also signed an MOU with Dioxitek to evaluate and assess uranium conversion capacity and its supporting infrastructure in Argentina



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.
- LIST independently assessed with a Technology Readiness Level (TRL) of 4.
- LIST also received a key Radioactive Material License from the State of Tennessee for its Demo Test Loop Facility, enabling the company to advance technology development and progress toward building a commercial uranium enrichment facility in the U.S.

LIS TECHNOLOGIES INC.

ENRICHING THE FUTURE

LIST is a related party of NANO Nuclear through common ownership and management.

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

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, of which $2.7B has already been awarded to several companies, reflecting the DOE's commitment to bolstering domestic fuel supply chains and advancing nuclear technology.

Fuel Transportation – Another Critical Gap in the Domestic Supply Chain

Advanced Fuel Transportation Inc. (AFT)

- AFT aims to establish a North American transportation firm with patented technologies developed by ORNL, INL, and PNNL
  - Led by former executives from the largest transportation company and the DOE/National Laboratories
- NANO Nuclear continues to evaluate a range of strategic opportunities, including potential acquisitions, to accelerate the development of our nuclear transportation and logistics capabilities
- 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 was developed by the U.S. Government, three National Nuclear Laboratories and funded by the Department of Energy (DOE)
  - 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 cask 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
- NANO Intends to manufacture a licensed, high-capacity HALEU transportation system to transport fuel in commercial quantities to various private and public customers

ADVANCED FUEL TRANSPORTATION INC.

GNS

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.

NANO Collaborating with the U.S. Government & National Labs

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

AFWERX

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.

INL
Idaho National Laboratory

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 – Chief Executive Officer 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).

U.S. DEPARTMENT OF ENERGY

INL Idaho National Laboratory

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

Argonne NATIONAL LABORATORY

NASA

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.

Berkeley UNIVERSITY OF CALIFORNIA

Nuclear Engineering

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.

Berkeley UNIVERSITY OF CALIFORNIA

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.

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

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

Lassina Zerbo, Ph.D. – Chairman of the Executive Advisory Board for Africa

Meet Our Management and Staff

University Of British Columbia

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.

Wharton University of Pennsylvania

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.

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HALEU Energy Fuel Inc.

ADVANCED FUEL TRANSPORTATION INC.

NANO Nuclear Space Inc.

THANK YOU!

For Further Information, Please Contact:

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