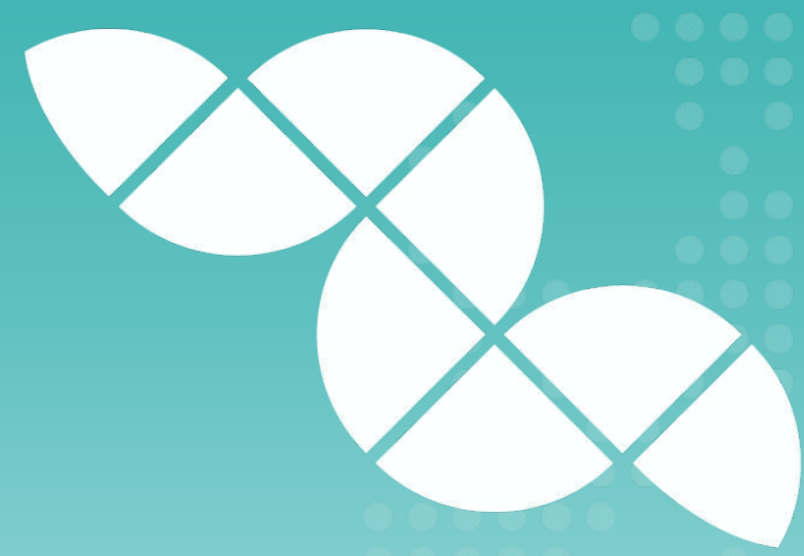




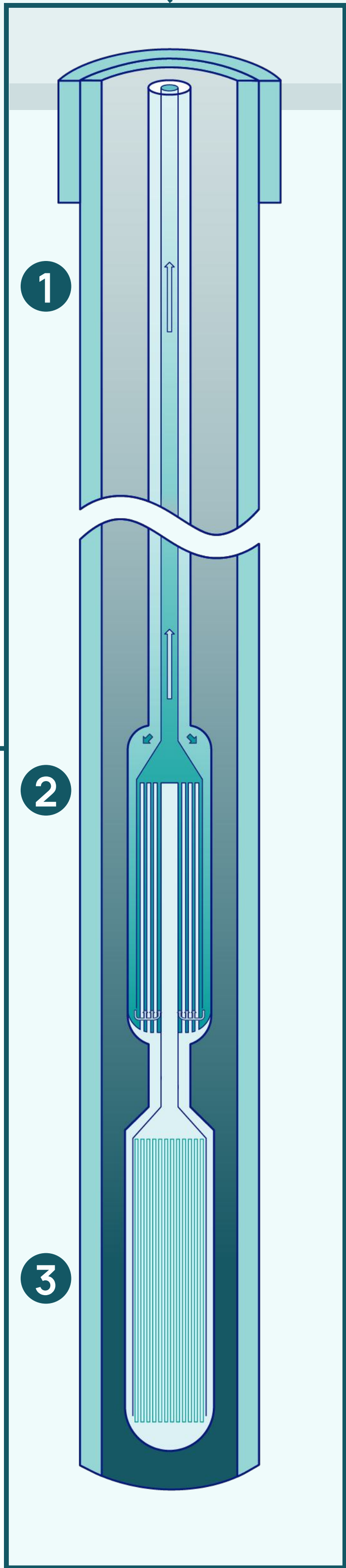
DEEP FISSION

Gravity Nuclear Reactor™ A Fast Path to Scale Nuclear Power

Small modular reactor (SMR) based on established pressurized water reactor (PWR) technology, with novel emplacement in deep boreholes approximately one mile below the Earth's surface.

02 Integrating Mature Technologies

- 1 Deep Borehole Drilling**
Optimized borehole design intended to be drillable using proven oil and gas infrastructure for containment one mile underground.
- 2 Geothermal Technology**
Novel deployment approach will apply established geothermal components and processes for energy transfer to the turbine generator at the surface.
- 3 Pressurized Water Reactor**
Hydrostatic pressure from mile-deep column of water expected to provide 160 atm of reliable pressure, safely and naturally.



01 Competitive Advantage

- Leverages Established Supply Chains**
Designed to use standard low-enriched uranium (LEU) fuel and conventional PWR assemblies, while drawing on established components, processes, and industry workforce.
- Targeting Six-Month Build Time Per Reactor**
Expected to have dramatically smaller surface infrastructure, supported by drilling-based installation methods.
- Familiar PWR Foundation**
The most widely deployed reactor technology in the global commercial nuclear fleet, licensed to operate for decades.

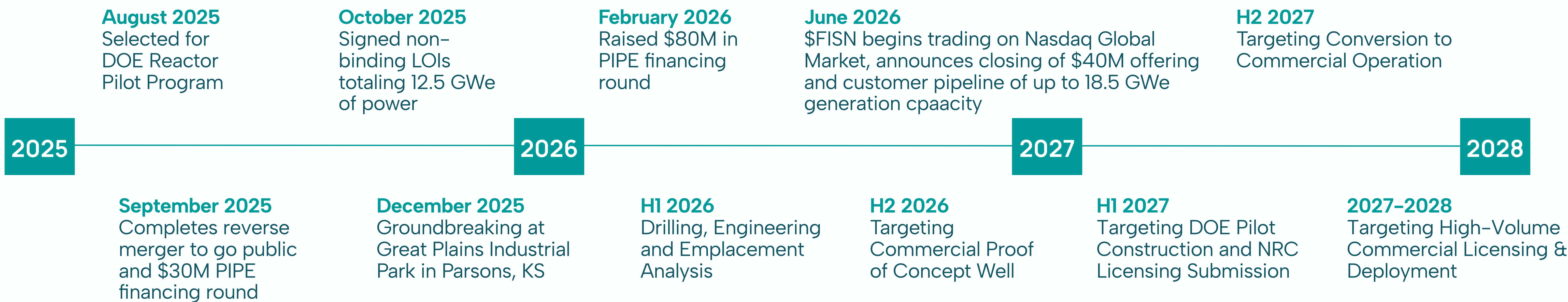
03 Technical Specs

- Scalable Power**
Targeting up to 15 MWe per reactor, scalable with additional boreholes.
- Inherent Safety**
Utilize borehole water to provide essential pressure control and safety.
- Standard LEU Fuel**
Utilize standard LEU fuel and PWR fuel assemblies. Expect initial 2x2 configuration and intend to move toward 3x3 fuel assembly configurations.
- Spent Fuel Management**
Encompasses safe interim storage pending identification of national, long-term storage solutions.

04 Leadership

Liz Muller , Co-Founder, Chair & Chief Executive Officer Richard Muller, PhD Co-Founder & Chief Technology Officer	Mark Schmitz Chief Financial Officer Mike Brasel Chief Operating Officer	Mark Peres Chief Nuclear Officer Stacy Tarver Patterson Chief Marketing Officer	Jon Gordon General Counsel Bryan Black VP, Business Development	Rani Franovich VP, Regulatory Strategy David Nelson VP, Drilling & Completion
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05 Commercial Roadmap



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Overview

We are a nuclear energy technology company developing a SMR based on established PWR technology, with novel emplacement in deep boreholes approximately one mile below the Earth’s surface. Our Gravity Nuclear Reactor will leverage subsurface conditions to support key	containment and operating functions, including the use of hydrostatic pressure from a water column within the borehole to support reactor operating pressure and cooling, and the surrounding geological formation to provide structural confinement and shielding. This approach is intended to reduce	reliance on large surface containment structures and other safety-related infrastructure associated with conventional nuclear power plants, support faster deployment timelines, improve security, enhance safety, and enable lower capital and operating costs relative to conventional nuclear facilities, while reducing exposure to environmental and other surface-level hazards.
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07

Strategic Developments

Great Plains Development Authority Non-binding letter of intent and executed lease agreement establish framework to develop up to 2,000 MWe at Great Plains Industrial Park in Parsons, KS.	Blue Owl Capital Real Assets Platform Non-binding strategic relationship for the potential deployment of Deep Fission SMR projects across its digital infrastructure portfolio, alongside a \$20 million equity investment from a Blue Owl-managed fund.	Endeavour Non-binding strategic relationship term sheet with Endeavour, a sustainable data center infrastructure company, for potential co-development of 2 GWe of nuclear energy across could provider projects.
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Business Model

We expect to generate revenue from the following sources:

Upfront Revenue Streams (One-Time)	Recurring Revenue Streams (Ongoing)	Revenue from Electricity Sales
Reactor Delivery & Integration Revenues associated with engineering, integration, and delivery of modular reactor units.	Intellectual Property Licensing Recurring licensing fees associated with the use of our proprietary technology.	Select Project-Level Equity Participation Shared project-level cash flows, which are expected to be driven by long-term power purchase agreements or similar offtake arrangements.
EPC Support Revenues from providing site specific engineering, installation, commissioning, and related services.	Operations & Maintenance Services Revenues from long-term reactor services such as refueling, monitoring, and regulatory support.	Growing demand for firm, dispatchable clean power, driven in part by digital infrastructure expansion and industrial electrification, is shaping market interest in advanced nuclear solutions. The Company has entered into non-binding letters of intent representing approximately 18.5 gigawatts of potential future development opportunities in multiple states.

09

Board of Directors

Liz Muller, Board Chair
Leslie Tepper, Nominating & Governance Committee Chair
Jonathon Angell, Board Member
Thomas Glanville, Audit Committee Chair
Blake Janover, Compensation Committee Chair

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Advisory Board

John Mather, Nobel Laureate in Physics
Stacy Polley, Independent Board Member of Blue Owl
Jo Riley, Co-Founder and CEO of Censia
Patrick Huston, Brig, Gen. (Ret.)
Steve Koonin, Special Government Employee, Department of Energy

Steve Chu, Nobel Laureate, former Secretary of Energy
Kristin Sverchek, Former President of Lyft
Mark Peters, CEO of Mitre Corporation
Allison Salisbury, Entrepreneur

Forward-Looking Statements; Disclaimer.
This document contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995 that are subject to risks and uncertainties that could cause actual results to differ materially. Such statements include all statements that are not historical facts, and may be identified by words such as "expect," "will" or similar expressions. Such risks and uncertainties include those described in Deep Fission’s filings with the U.S. Securities and Exchange Commission. This document is for informational purposes only and does not constitute an offer to sell or a solicitation of an offer to buy any securities. Except where otherwise stated, information provided is as of June 22, 2026.