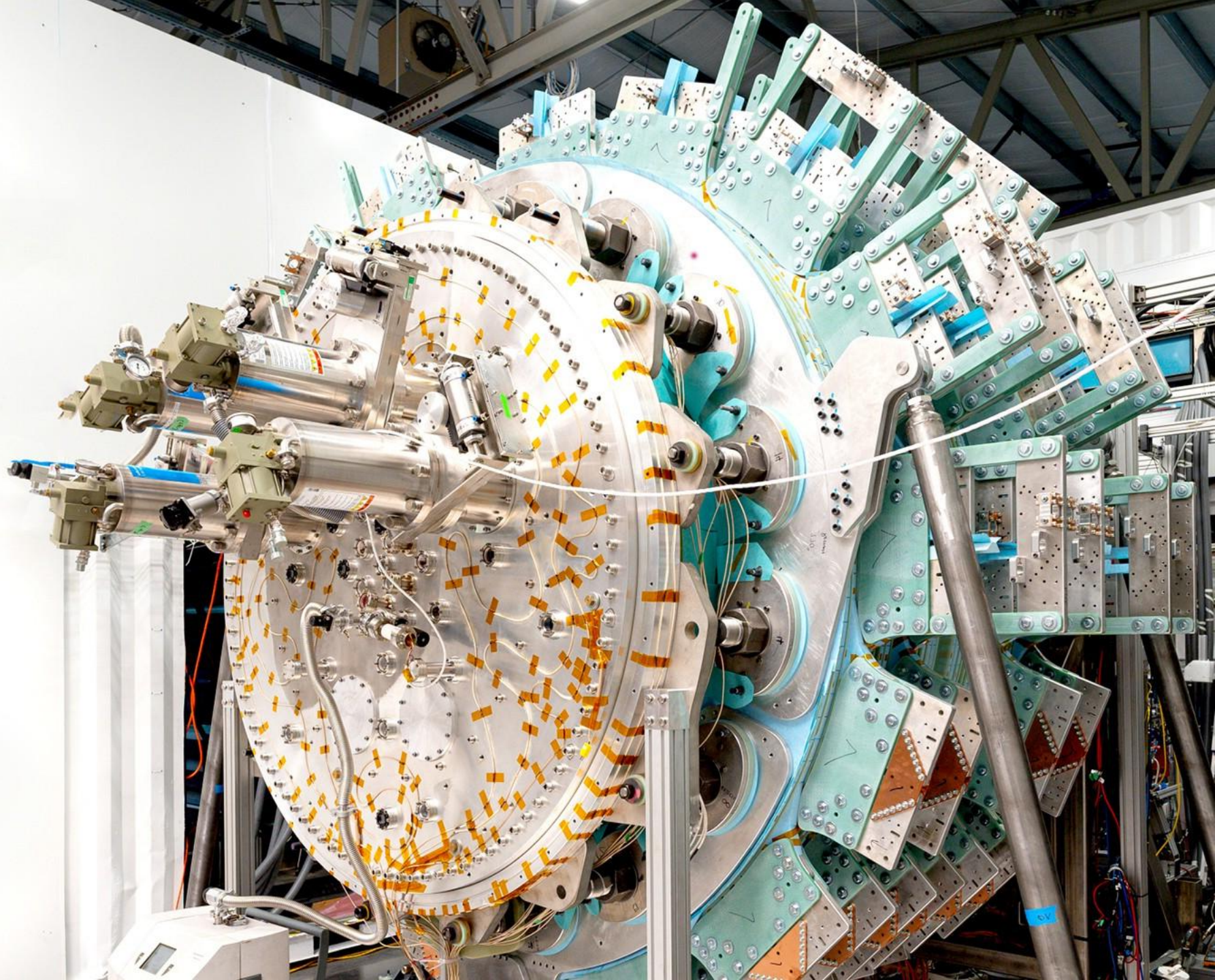


generalfusion

AN ENGINEERING APPROACH TO DELIVERING FUSION ENERGY

FEBRUARY 2026

INVESTOR PRESENTATION





LEGAL DISCLAIMERS

This presentation (together with any oral statements made in connection herewith, the “Presentation”) is for informational purposes only and has been prepared solely to assist interested parties in making their own evaluation with respect to a potential investment (the “Financing”) in General Fusion Inc., a British Columbia corporation (“General Fusion,” the “Company” “we,” “us” or “our”). The information contained herein does not purport to be all-inclusive or to contain all of the information that may be required to make a full analysis of General Fusion, and neither General Fusion, nor any of its subsidiaries, stockholders, shareholders, equityholders, affiliates, representatives, control persons, partners, directors, officers, employees, advisers or agents (collectively, General Fusion’s “Related Parties”) make any representation or warranty, express or implied, as to the accuracy, completeness or reliability of the information contained in this Presentation. The general explanations included in this Presentation cannot address, and are not intended to address, your specific investment objectives, financial situations or financial needs. You should consult your own counsel and tax and financial advisors as to legal and related matters concerning the matters described herein, and, by accepting this Presentation, you confirm that you are not relying upon the information contained herein to make any decision. To the fullest extent permitted by law, in no circumstances will General Fusion, or any of its Related Parties be responsible or liable for any direct, indirect or consequential loss or loss of profit arising from the use of this Presentation, its contents, its omissions, reliance on the information contained within it, or on opinions communicated in relation thereto or otherwise arising in connection therewith. The opportunity to participate in the Financing is being offered to a limited group of sophisticated institutional “accredited investors” within the meaning of rule 501(a) under the US Securities Act of 1933, as amended (the “Securities Act”) that are also “institutional accounts” (as defined in Rule 4512(c) of the Financial Industry Regulatory Authority) and are understood to be experienced in and have a potential interest in investments of the kind described herein. We ask that each recipient inform us immediately if the foregoing qualifications and characteristics do not apply to it.

No Offer or Solicitation

This Presentation does not constitute an offer to sell or the solicitation of an offer to buy any securities in any jurisdiction in which such an offer or solicitation is not authorized or would be unlawful. This Presentation does not constitute a solicitation of a proxy, consent or authorization with respect to any securities or in respect of a proposed business combination (the “Business Combination”) between Spring Valley Acquisition Corp. III (“Spring Valley”) and General Fusion, and any such solicitation will be conducted only pursuant to a proxy statement or registration statement filed by Spring Valley and General Fusion and/or a new holding company that may be formed by Spring Valley, General Fusion or an affiliate of Spring Valley or General Fusion (“NewCo”) and/or their respective affiliates with the U.S. Securities and Exchange Commission (the “SEC”), as required by law. In addition, this Presentation does not constitute an offer to sell, a solicitation of an offer to buy, or a recommendation to purchase any security of Spring Valley or NewCo or any of their respective affiliates, nor shall there be any sale of securities in any jurisdiction in which such offer, solicitation or sale would be unlawful prior to registration or qualification under the securities laws of any such jurisdiction. Any offer of securities, if made, may be made only through definitive offering documents, including, but not limited to a subscription agreement. You should not construe the contents of this Presentation as legal, tax, accounting or investment advice or recommendation. You should consult your own counsel and tax and financial advisors as to legal and related matters concerning the matters described herein, and, by accepting this Presentation, you confirm that you are not relying upon information contained herein to make any decision.

This Presentation is not a prospectus and investors should not substitute for or purchase any securities solely on the basis of this presentation and before you invest, you should undertake your own diligence regarding Spring Valley, NewCo and the Business Combination.

The securities being offered in the Financing to which this Presentation relates have not been registered under the Securities Act or applicable state or foreign securities laws. The securities may not be offered or sold in the United States absent a registration statement or applicable exemption from the registration requirements of the Securities Act. Each investor must comply with all legal requirements in each jurisdiction in which it purchases, offers or sells any portion of the Financing or possesses this Presentation, and must independently obtain any consent, approval or permission required by it in connection with the Financing.

All monetary figures included in this Presentation are reflected in U.S. dollars unless otherwise indicated.

Use of Data

Certain information contained in this Presentation, including information that relates to General Fusion’s industry and markets in which it intends to operate, relates to, or is based on third-party studies, publications and surveys or General Fusion’s own internal estimates and research. All of the market and related data included in this Presentation involves a number of assumptions, estimates and limitations, and is subject to change, and there can be no guarantee as to the accuracy or reliability of such assumptions or estimates. Neither General Fusion, nor any of its Related Parties assumes any responsibility for updating this Presentation based on facts learned following its preparation. While General Fusion believes such third-party sources and their internal estimates and research are reliable, such sources, estimates and research have not been verified by any independent source and you should make your own evaluation of General Fusion and of the relevancy and adequacy of the information. Neither General Fusion, nor any of its Related Parties make any representation or warranty with respect to the accuracy of such information.

Forward-Looking Statements

Certain statements in this Presentation are forward-looking statements generally relating to future events or estimates or projections of General Fusion’s financial or other performance metrics and the underlying assumptions. In some cases, you can identify forward-looking statements by terminology such as “believe,” “may,” “will,” “potentially,” “estimate,” “continue,” “anticipate,” “intend,” “could,” “would,” “project,” “target,” “plan,” “expect,” or the negatives of these terms or variations of them or similar terminology. Forward-looking statements in this Presentation include, without limitation, statements relating to the expected production of a General Fusion powerplant or a fusion island and the timing thereof; heating through compression of plasma; the path to commercialization and integration of our system in a FOAK (as defined in this Presentation) plant; potential sales of commercial fusion powerplants and the timing thereof; the benefits of fusion; market opportunities; potential revenue per plant. Such forward-looking statements are subject to risks, uncertainties, and other factors which could cause actual results to differ materially from those expressed or implied by such forward looking statements. These forward-looking statements are based upon estimates and assumptions that, while considered reasonable by General Fusion as of the preparation date of this Presentation, are inherently uncertain and subject to material change. General Fusion does not undertake any duty, and expressly disclaims any obligation or undertaking, to update these forward-looking statements. Nothing in this Presentation should be regarded as a representation by General Fusion or its Related Parties, or any other person, that the forward-looking statements set forth herein will be achieved or that any of the contemplated results of such forward-looking statements will be achieved.

These forward-looking statements are based upon estimates and assumptions that, while considered reasonable by General Fusion and our management and Spring Valley and their management, as the case may be, are inherently uncertain. Such forward looking statements involve known and unknown risks, uncertainties and other important factors that could cause actual results to be materially different from future results, performance or achievements expressed or implied by such forward looking statements. Factors that may cause actual results to differ materially from current expectations include, but are not limited to: (1) the occurrence of any event, change or other circumstances that could give rise to the termination of the Business Combination; (2) the outcome of any legal proceedings that may be instituted against Spring Valley or us following the announcement of the Business Combination and any definitive agreements with respect thereto; (3) the inability to complete the Business Combination due to the failure to obtain approval of the shareholders of Spring Valley, to obtain financing to complete the Business Combination or to satisfy any proposed conditions to closing; (4) changes to the proposed structure of the Business Combination that may be required or appropriate as a result of applicable laws or regulations or as a condition to obtaining regulatory approval of the Business Combination; (5) the ability to meet Nasdaq Listing Rules or the New York Stock Exchange Listing Standards or any other stock exchange following the consummation of the Business Combination; (6) the risk that the Business Combination disrupts our current plans and operations as a result of the announcement and consummation of the Business Combination; (7) the ability to recognize the anticipated benefits of the Business Combination, which may be affected by, among other things, competition, our ability to grow and manage growth profitably, obtain and maintain relationships with customers and suppliers and retain our management and key employees; (8) transaction costs related to the Business Combination; (9) changes in applicable laws or regulations; (10) world events such as global economic conditions, war, pandemic or epidemic, political unrest that lead to regulatory, commercial, infrastructure and operating constraints; (11) General Fusion’s business is at a pre-commercial state of development with no history of revenue and may never achieve commercialization or revenue; (12) General Fusion’s limited historical financial and operating history; (13) the market for fusion energy is still emerging and may not achieve expected potential; (14) General Fusion’s ability to maintain, protect, defend and develop intellectual property; and (15) the possibility that we may be adversely



LEGAL DISCLAIMERS (CONT'D)

affected by other regulatory, economic, business and/or competitive factors. In addition, forward-looking statements reflect our and Spring Valley's expectations, plans or forecasts of future events and views as of the date of this Presentation. These forward-looking statements are based on certain assumptions, including among other things: interest rates; operating and capital costs, including the amount and nature thereof; trends and developments in the fusion industry; business strategy and outlook; opportunities available to or pursued by General Fusion; anticipated partnerships; market demand for fusion energy and the availability and costs of required equipment and technology, and supplies and materials for such equipment and technology; General Fusion and Spring Valley's ability to attract and retain qualified personnel or management; and stability of general economic and financial market conditions. We and Spring Valley anticipate that subsequent events and developments will cause these assessments to change. However, while we and Spring Valley may elect to update these forward-looking statements at some point in the future, we and Spring Valley specifically disclaim any obligation to do so. Additional information concerning these and other factors that may impact such forward-looking statements can be found in potential filings with the SEC by General Fusion, Spring Valley or Newco resulting from the Business Combination, including under the heading "Risk Factors." These forward-looking statements should not be relied upon as representing our or Spring Valley's assessments as of any date subsequent to the date of this Presentation.

Important Information for Investors and Stockholders

The proposed Business Combination will be submitted to stockholders of Spring Valley for their consideration and approval at a special meeting of stockholders. We and Spring Valley plan to prepare a registration statement to be filed with the SEC by NewCo, which will include preliminary and definitive proxy statements to be distributed to Spring Valley's stockholders in connection with Spring Valley's solicitation for proxies for the vote by Spring Valley's stockholders in connection with the Business Combination and other matters as will be described in the registration statement, as well as the prospectus relating to the offer of the securities to be issued to Spring Valley's stockholders in connection with the completion of the Business Combination. After the registration statement has been filed and declared effective, Spring Valley will mail a definitive proxy statement and other relevant documents to its stockholders as of the record date established for voting on the Business Combination. Spring Valley's stockholders and other interested persons are advised to read, once available, the preliminary proxy statement/prospectus and any amendments thereto and, once available, the definitive proxy statement/prospectus, in connection with Spring Valley's solicitation of proxies for its special meeting of stockholders to be held to approve, among other things, the Business Combination, because these documents will contain important information about us, Spring Valley, NewCo and the Business Combination. Stockholders may also obtain a copy of the preliminary or definitive proxy statement, once available, as well as other documents filed with the SEC regarding the Business Combination and other documents filed with the SEC by Spring Valley, without charge, at the SEC's website located at www.sec.gov.

Trademarks and Trade Names

General Fusion owns or has rights to various trademarks, service marks and trade names that it uses in connection with the operation of its business, and which are included in this Presentation. This Presentation also contains trademarks, service marks and trade names of third parties, which are the property of their respective owners. The use or display of third parties' trademarks, service marks, trade names or products in this Presentation is not intended to, and does not, imply a relationship with General Fusion, or an endorsement or sponsorship by or of General Fusion. General Fusion, will assert, to the fullest extent under applicable law, its right, or the right of the applicable licensor, to these trademarks, service marks and trade names. Each recipient acknowledges that the Company considers this Presentation to be confidential, sensitive and proprietary and recipient agrees to use reasonable precautions to keep such information confidential; provided however it may be disclosed to it, its affiliates and their respective partners, directors, officers, employees, agents, advisors and other representatives (collectively, "Representatives") who need to know such information for the purposes of evaluating the Financing. The recipient agrees to be responsible for any breach of these undertakings by recipient or its Representatives.

This Presentation is intended solely for the use of the prospective investor to whom it is initially provided, and may not be reproduced, disseminated, quoted from or referred to, in whole or in part, for any purpose without the Company's prior written consent. If you are not the intended recipient of this Presentation as designated above, then please immediately delete or destroy all copies of this Presentation in your possession.

By accepting delivery of this Presentation, each recipient will be deemed to acknowledge and agree to the matters set forth herein.

TODAY'S SPEAKERS



GREG TWINNEY

generalfusion

Chief Executive Officer

- 20+ years commercializing new technologies
- Led multiple businesses through IPOs / M&As, including:
 - Real Matters \$1B IPO
 - Kobo \$315M acquisition by Rakuten
 - Opalis \$60M acquisition by Microsoft
- Scaled several start-ups into successful multinational corporations



MEGAN WILSON

generalfusion

Chief Strategy Officer

- 25+ years in Operations & Energy leadership
- Former Chief Strategy Officer and Senior Vice President of Corporate and Government Relations at B&W
 - \$1B+ in acquisition and financings transaction value
- Led B&W's commercial nuclear and SMR policy and government funding efforts
- U.S. Navy nuclear engineering officer



CHRIS SORRELLS



Chairman & CEO

- 30+ years in Energy and Decarbonization
- Former Partner at NGP Energy Technology Partners
- 2x nuclear SPAC Sponsor
- Driving force behind the creation of Renewable Energy Group – sold to Chevron for \$3.15B, representing a ~6x return post-IPO



ROBERT KAPLAN



Chief Operating Officer

- 25+ years in Decarbonization banking and advisory
- 60+ transactions totaling ~\$6B in value
- 2x nuclear SPAC Sponsor
- Banker on multiple first-of-a-kind transactions across the Decarbonization ecosystem



Steam and nuclear plant operations, including I&C system maintenance & repair



Defense nuclear, commercial nuclear and SMR efforts



CorpDev, M&A, and Investor Relationships



A COMPELLING SPAC PARTNER

Leadership Team with Highly Relevant Expertise⁽¹⁾



CHRIS SORRELLS
Chairman & CEO



ROBERT KAPLAN
COO



JEFF SCHRAMM
CFO

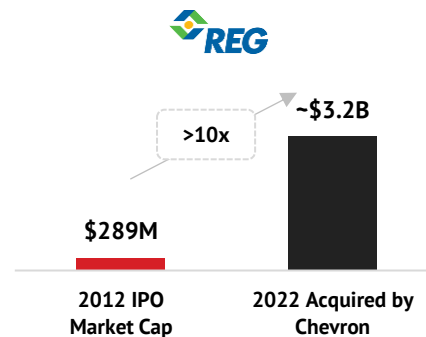
- Recent and relevant experience in SPACs and nuclear industry
- Team with extensive transaction experience: 50+ energy / decarbonization transactions over the past 30+ years and 7 SPACs raised / merged to date
- Strong C-level Operational Expertise: 100+ years of collective experience including leadership roles across the C-Suite as CEO, CFO, COO and Chairman for numerous public and private companies
- Track record of building publicly traded bellwethers
- Key roles in the creation of 17 publicly traded companies
- 20 public board seats
- Proprietary network & sourcing capabilities
- Deep relationships with institutional investors, underwriters and advisors

(1) Includes Spring Valley management board and sponsor
(2) Calculated based on fully diluted shares outstanding as of 9/30/2025 from NuScale's Q3 2025 10-Q and stock price as of 1/16/2026
(3) SPACResearch data as of 1/16/2026
(4) FactSet data as of 1/16/2026

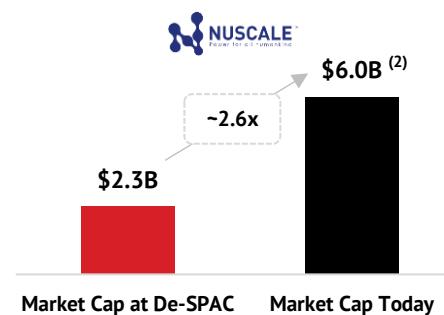
SPRING VALLEY ACQUISITION CORP III



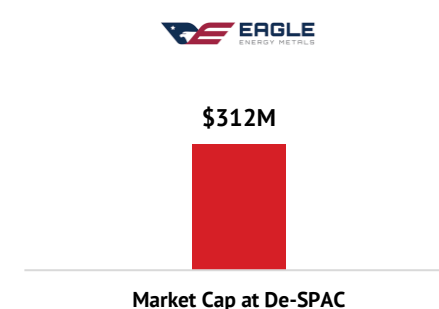
History of Value Creation in Nex-Gen Clean Energy



- Led investment in the **one of the largest publicly traded biodiesel / renewable diesel company**
- **One of the largest investments in biodiesel** in North America
- **Scaled** revenues from ~\$85M in 2008 to **\$3.2B** in 2021
- In 2022, sold to **Chevron** for **\$3.15B**



- Led the De-SPAC of **the first publicly traded SMR company**
- Received gross proceeds of **\$381M**, including **\$235M in PIPE capital**
- Accelerated **commercialization** and **global deployment** of NuScale's carbon-free baseload energy solution



- Aims to become **the first** U.S. publicly traded vertically integrated uranium and SMR company
- Received **\$30M PIPE** from an institutional investor
- Supported by DOE's ~\$1B SMR funding initiatives & **broader U.S. energy security goals**

Stock Highlights



37.4%⁽³⁾

SVI cash in trust redemption rate, representing the **5th** fewest redemptions of the year



12M+⁽³⁾

SVI shares were traded within the **first 30 trading days**



2.3x⁽⁴⁾

SVII warrant **appreciation** since announcement



ILLUSTRATIVE TRANSACTION OVERVIEW AT **\$105M PIPE**



TRANSACTION HIGHLIGHTS

Valuation	<ul style="list-style-type: none"> General Fusion pre-money valuation of \$600M Transaction implies \$724M pro-forma enterprise value
Financing	<ul style="list-style-type: none"> Assumes General Fusion raises \$105M PIPE at \$12.00 per share Assumes 0% redemptions from Spring Valley III's \$230M Cash in Trust Expected use of net proceeds includes Lawson Machine 26 ("LM26") operations, commercial systems development & First-of-a-kind Plant ("FOAK") for commercial deployment
Structure	<ul style="list-style-type: none"> General Fusion shareholders would rollover 100% of their equity and are expected to hold ~58% of the outstanding pro-forma equity

PRO-FORMA VALUATION (\$ MILLIONS)⁽¹⁾

Shares Outstanding (Millions)	103.5
Share Price (\$)	\$10.00
Equity Value	\$1,035
(-) PF Net Cash	(\$311)
Enterprise Value	\$724

SOURCES & USES (\$ MILLIONS)

SOURCES

General Fusion Rollover Equity	\$600
Approximate Assumed PIPE Proceeds	\$105
Cash in Trust	\$230

Total Sources

\$935





USES

Equity to General Fusion	\$600
Cash to Balance Sheet	\$311
Illustrative Transaction Expenses	\$24

Total Uses

\$935

PRO-FORMA OWNERSHIP⁽¹⁾

	Shares (Millions)	% Own.
 General Fusion	60.0	58.0%
 SPAC Shareholders	23.0	22.2%
 PIPE Investors ⁽²⁾	13.8	13.3%
 SPAC Sponsor ⁽³⁾	6.7	6.5%



Note: Assumes no existing cash and no existing debt on balance sheet. Excludes impact of the private placement warrants, public warrants, convertible preferred warrants and any equity compensation plan

(1) Calculated on a \$10.00 per share basis

(2) Includes impact of OID and commitment shares issues to convertible preferred investors

(3) Excludes \$135M earnout

EXPERIENCED LEADERS WITH A PROVEN TRACK RECORD



GREG TWINNEY

Chief Executive Officer

Scaled several founder-led startups into successful multinational corporations towards IPOs / M&As; Board member of Fusion Industry Association



MEGAN WILSON

Chief Strategy Officer

25+ years in Operations & Energy leadership; Previously, CSO and SVP at Babcock & Wilcox; U.S. Navy nuclear engineering officer



DR. MICHEL LABERGE

Founder and Chief Science Officer

20+ years in commercializing new technologies; Ph.D. and post-doctoral in fusion; 25+ patents as lead inventor



JAN LAISHLEY

Chief People and Culture Officer

20+ years in decarbonization industry; SVP of HR at Ballard Power Systems; People and culture development for high growth



ROB CRYSTAL

SVP, Finance

20+ years of international finance experience; Demonstrated leadership and commercialization scale up success at decarbonization companies



MIKE DONALDSON

SVP, Technology Development

20+ years in disruptive technology development; Kodak product engineering & production; Risk reduction, rapid prototyping & systems testing



GRACE PEACH

VP, External Relations

Public affairs leader with 15+ years of experience driving high-impact initiatives across energy, climate, and public policy.



DAVID PLANT

VP, Research & Development

20+ years in technology innovation sector; Senior electrical engineer at Kodak



KELLY EPP

Head of LM26 Project

30+ years in engineering, project management; operations manager at Kodak; Director of Manufacturing at Alpha Technologies



Success scaling and commercializing businesses



Ability to manage complex technology development



Global fusion science excellence



Industrial technology commercialization program management



Robust operational and leadership experience in public company settings

KEY INVESTMENT HIGHLIGHTS: TRANSFORMING THE WORLD'S ENERGY SUPPLY

1

Growing Global Demand for **Clean, Reliable Power**

As AI, data centers, and large-scale electrification are driving explosive load growth, fusion can supply clean, safe & always-on baseload energy globally while supporting the path towards net-zero by 2050

2

Innovative **Engineering Approach** to Fusion

Applying an engineering approach that overcomes critical barriers to commercializing fusion and that aims to deliver uniquely cost-effective and practical fusion energy

3

Milestone-Driven De-risking Pathway to Commercial Fusion with Proprietary IP

General Fusion is 1 of 4 private companies worldwide to have achieved and published meaningful fusion results on the path to the Lawson criterion, with 34 peer-reviewed publications⁽¹⁾ and 211 patents issued and pending over 20-years

4

Fusion Demonstration Machine **Built and Operating at Commercially Relevant Scale**

On the cusp of major industry-accepted technical milestones, including 1 keV, 10 keV, and 100% Lawson⁽²⁾, that will demonstrate our unique engineering-based approach in a commercially relevant way, vs. other academic approaches

5

Strategic Partnerships Accelerating Commercialization

Strategic partnerships with industry leading companies that fuel General Fusion's race from breakthrough science to commercial energy reality

6

Strong **Institutional Investor & Government Backing**

\$400M+ capital raised from leading institutional investors, strategics, venture capital firms, industry partners and government grants, alongside growing regulatory support for nuclear fusion

7

A World Class Team of Scientists, Engineers and Entrepreneurs

Proven culture of execution with over 20 years of designing, building, operating and scaling test beds and prototypes yielding strong technical results

(2) For General Fusion's approach, simultaneously demonstrate with hydrogen fuel the temperature, density and energy confinement time which combined represent the operating point of D-T plasma that satisfies the Lawson condition

GENERAL FUSION AT A GLANCE



Overview

Founded
2002

Headquarters
Vancouver
Canada

Employees
116⁽¹⁾

Technical Roles
75%⁽¹⁾
Incl. 16 Ph.Ds

Employee Retention
93%⁽²⁾

Funding (US\$)
\$400M+

Key Highlights

**\$1+
Trillion**

2050E Fusion Energy
Market Size⁽³⁾



Proprietary LM26
Fusion Machine



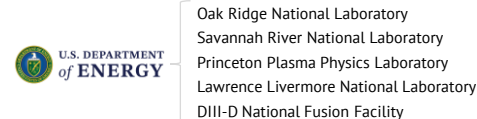
100,000 Sq. Foot CNSC-
licensed Facility



**\$100M+ Capital from
Government Programs &
Strong Government
Collaborations**



**Strong Institutional
Support**



Major Automaker **HATCH**



**Technology
Partners**

210

167 Patents Issued &
43 Pending Globally⁽⁴⁾

34

Peer-reviewed
Publications



**Globally Recognized
Platform**

(1) As of January 31, 2026
(2) Based on cumulative annual average from 2020 – December 31, 2025
(3) Ignition Research
(4) General Fusion's company website, Research Library

A HISTORY OF MILESTONES THAT LEAD THE WAY TO COMMERCIAL FUSION



Multiple plasma compression test beds proved mechanical compression of plasma increases neutron yield while plasma remains stable

Founded
2002



First plasma injector properly confined plasma at power plant scale
2010



Sufficient plasma performance to heat when compressed
2013



Increased neutron yield during plasma compression
2018



World's largest & most powerful operational fusion plasma injector⁽¹⁾
2019 - 2021

CURRENT PROGRAM



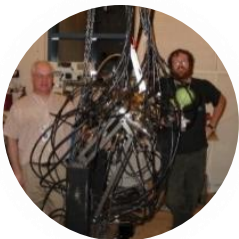
Lawson Machine 26 ("LM26")
Heating through compression of plasma to 1 keV, 10 keV, & 100% Lawson
2023 - 2028



FOAK energy production; sales of commercial fusion powerplants expected to begin
Mid 2030s

2005

Achieved first fusion reaction



2012

Liquid metal compression tests validated engineering of liquid metal approach and synchronization of pistons



2017

Stable compression of plasma



2019

Plasma lifetime maintained within liquid metal wall cavity



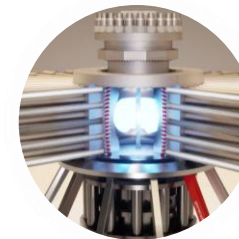
2021

Compressed liquid cavity with well-controlled shape sufficient to achieve fusion conditions



Late 2020s

Commercial system and components validation and demonstration



(1) Based on publications in academic journals and management's knowledge of such articles, findings, and key artifacts

MASSIVE GLOBAL NEED FOR SECURED BASELOAD POWER



Global Electricity Demand Estimated to Approximately Double by 2050⁽¹⁾



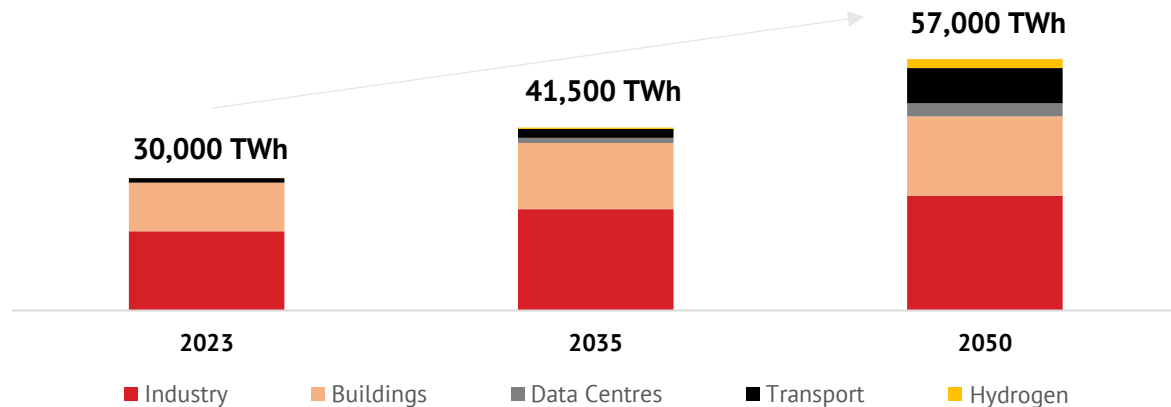
Grid Under Pressure: Surging demand from EVs, industries, and data centers is straining power infrastructure worldwide



AI & Data Center Boom: Energy usage from Data Centers expected to double or triple by 2028⁽²⁾



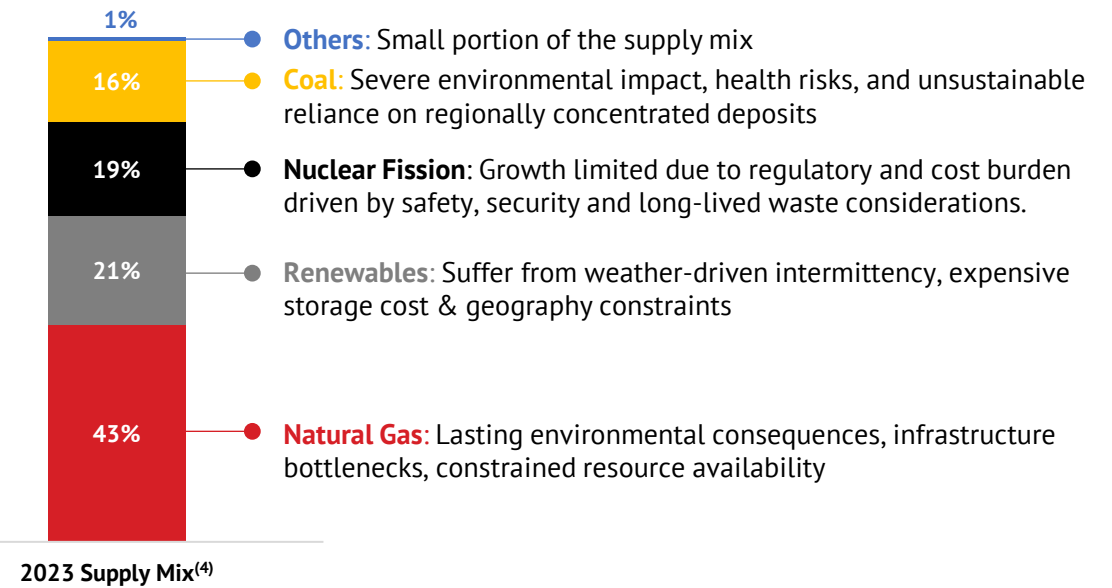
Rising Demand: Increasing global populations, broadening electrification, and expanding economic activity driving overall energy demand



Traditional Sources May Not be Scalable to Meet Demand



Economic Drag: \$9.1 trillion investment needed between 2024 – 2033 to bring existing U.S. infrastructure to a good or excellent condition⁽³⁾

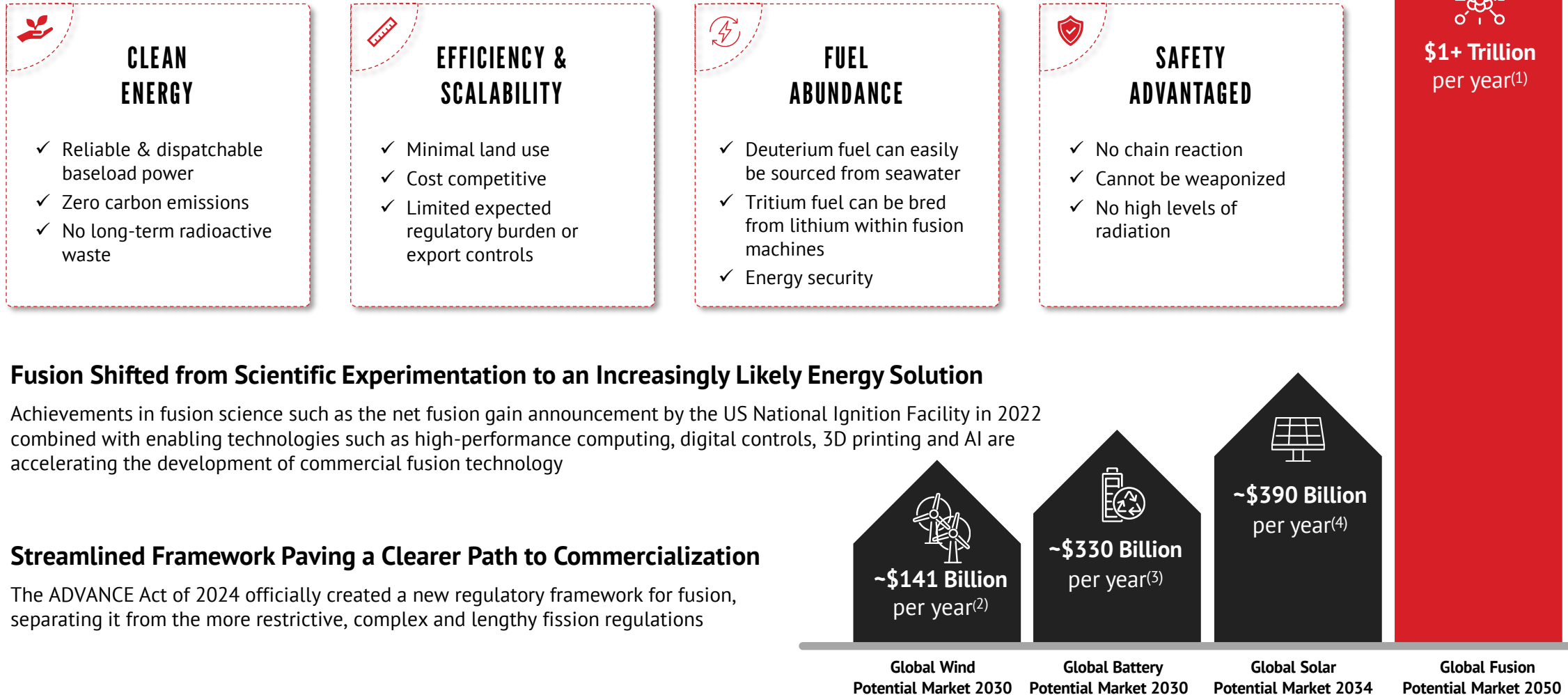


Baseload Power is Essential for Providing a Constant, Reliable, Stable Foundation for the Grid, Which Can Be Challenging to Achieve With Existing Energy Solutions in a Scalable & Carbon-friendly Way

TRANSLATING INTO A TREMENDOUS MARKET OPPORTUNITY



Nuclear Fusion is the Holy Grail for Clean Baseload Power



Fusion Shifted from Scientific Experimentation to an Increasingly Likely Energy Solution

Achievements in fusion science such as the net fusion gain announcement by the US National Ignition Facility in 2022 combined with enabling technologies such as high-performance computing, digital controls, 3D printing and AI are accelerating the development of commercial fusion technology



Streamlined Framework Paving a Clearer Path to Commercialization

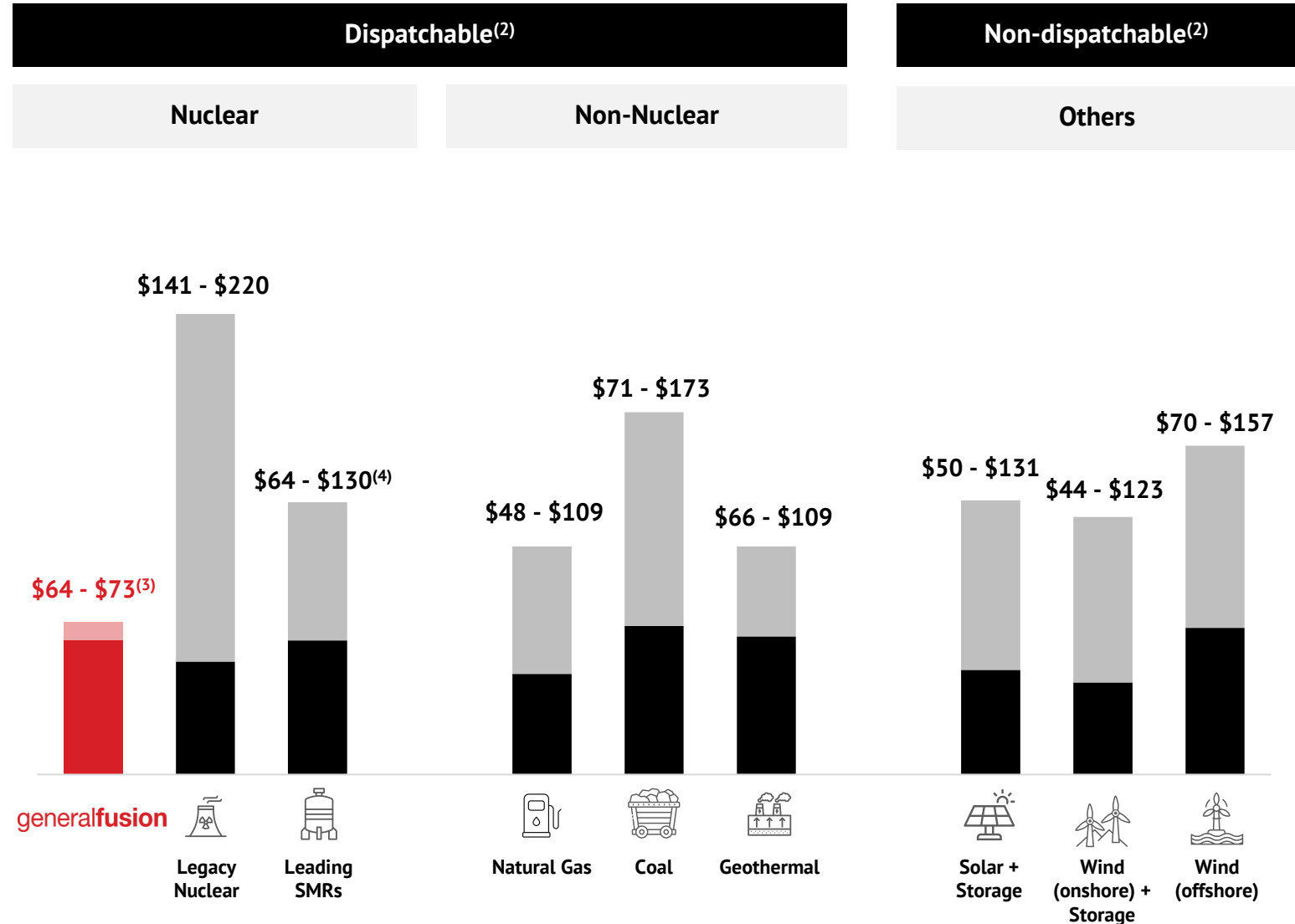
The ADVANCE Act of 2024 officially created a new regulatory framework for fusion, separating it from the more restrictive, complex and lengthy fission regulations

(1) Ignition Research
(2) Grand View Research, *Wind Power Market (2025 – 2030)*
(3) Grand View Research, *Battery Market (2025 – 2030)*
(4) Precedence Research, *Solar Energy Market Size and Forecast 2025 to 2034*, July 2025

GENERAL FUSION IS **COST COMPETITIVE** ON A LEVELIZED COST OF ENERGY ("LCOE") BASIS

- Fusion plants are expected to **deliver 4x more energy per unit of fuel** than fission, without long-lived radioactive waste, positioning them as the superior nuclear technology for sustainable growth⁽¹⁾
- Factors that drive fusion's competitive LCOE include:
 - lower **capital costs** vs. conventional fission plants
 - less **waste**
 - lower **regulatory burden**
 - low **fuel costs**

LCOE BENCHMARKING ANALYSIS (\$/MWh)



(3) General Fusion estimate for an nth-of-a-kind plant. In engineering economics, the first item or generation of items using a new technology or design (first of a kind) can cost significantly more than later items or generations (nth of a kind). Fusion plant expected performance is based on company testing data and management estimates. Fusion demonstration plant is in development and plant specifications and performance may change prior to commercialization. Numbers may not sum due to rounding. Assumes reference configuration of 300MW system with 2 Fusion Islands

(4) Range based on (a) NuScale, *NuScale SMR Technology*, and Reuters (b) *Oklo's nuclear order book shows potential of small reactors*, July 2024

GLOBAL RACE TO COMMERCIAL FUSION



Governments in the U.S., EU, and Asia are already advancing favorable frameworks, with DOE's Build-Innovate-Grow strategy to align public investment and private innovation to deliver commercial fusion power to the grid by the mid-2030s⁽¹⁾



Fusion research is moving faster, with large international projects like the 33-nation-backed ITER continuing to be central to progress



Total cumulative funding for the 53 fusion companies stands at \$9.8B LTM July 2025, a five-fold increase since 2021⁽²⁾

Congress increased support for fusion, leading to a record total of ~\$1.5B in funding from the U.S. government for fusion activities in 2025⁽⁵⁾



DOE's Fusion Science and Technology Roadmap, \$128M from Fusion Innovative Research Engine (FIRE) and \$6.1M from Innovation Network for Fusion Energy (INFUSE)⁽⁴⁾ accelerate commercialization while milestone-based Fusion Development program provides funding and computing resources⁽²⁾



The UK government is providing significant support for fusion energy, committing over £2.5 billion in total funding, which includes a £410 million investment announced in 2025 to accelerate commercialization⁽³⁾



On October 1, 2025, Germany approved an action plan to accelerate commercial fusion deployment, committing over \$2.3B by 2029 for research infrastructure and pilot projects⁽⁷⁾

The Fusion Action Plan



Acknowledging global advancements and investment in fusion energy technology, the G7 underscored the importance of sustained international collaboration on fusion energy with trusted partners, encouraging private investments and public engagement⁽⁶⁾

Statement on Nuclear & Fusion Energy



In 2025, the EU took further steps to establish a coordinated approach to fusion energy policy. Two hearings held by the European Parliament underscored fusion as an increasingly important part of the EU's energy & innovation agenda⁽⁸⁾

EU's European Parliament



BASICS OF PURSUING **FUSION ON EARTH**

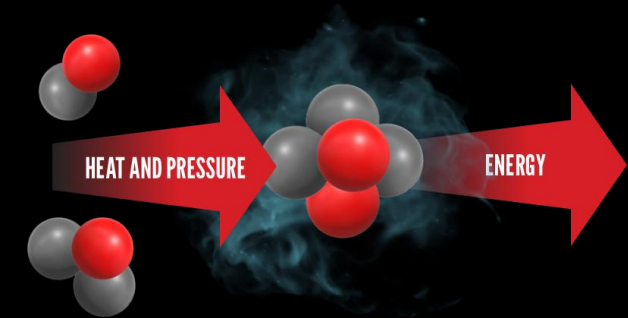


What is Fusion?

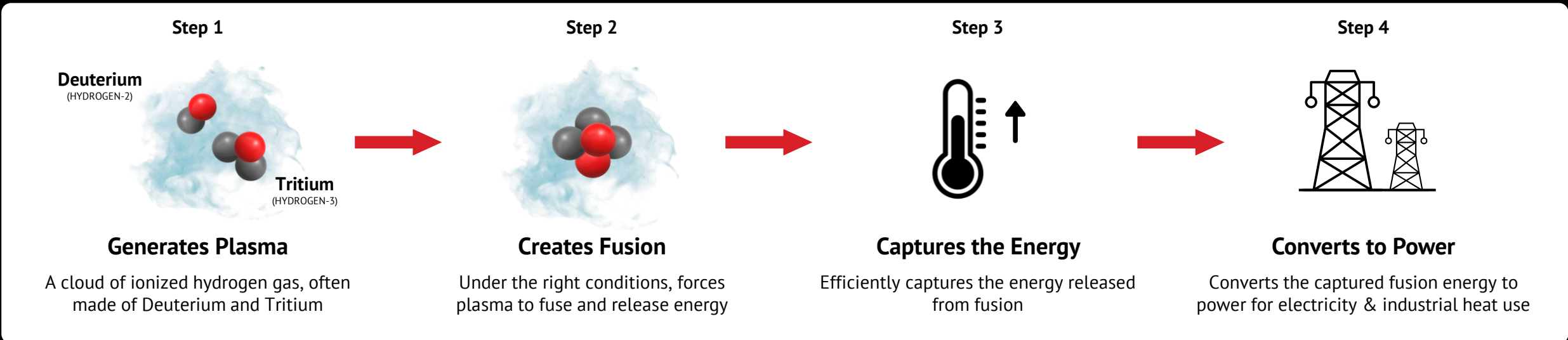
Fusion is the process by which two light atoms fuse to form a single heavier atom, releasing energy

To Make Fusion Happen on Earth

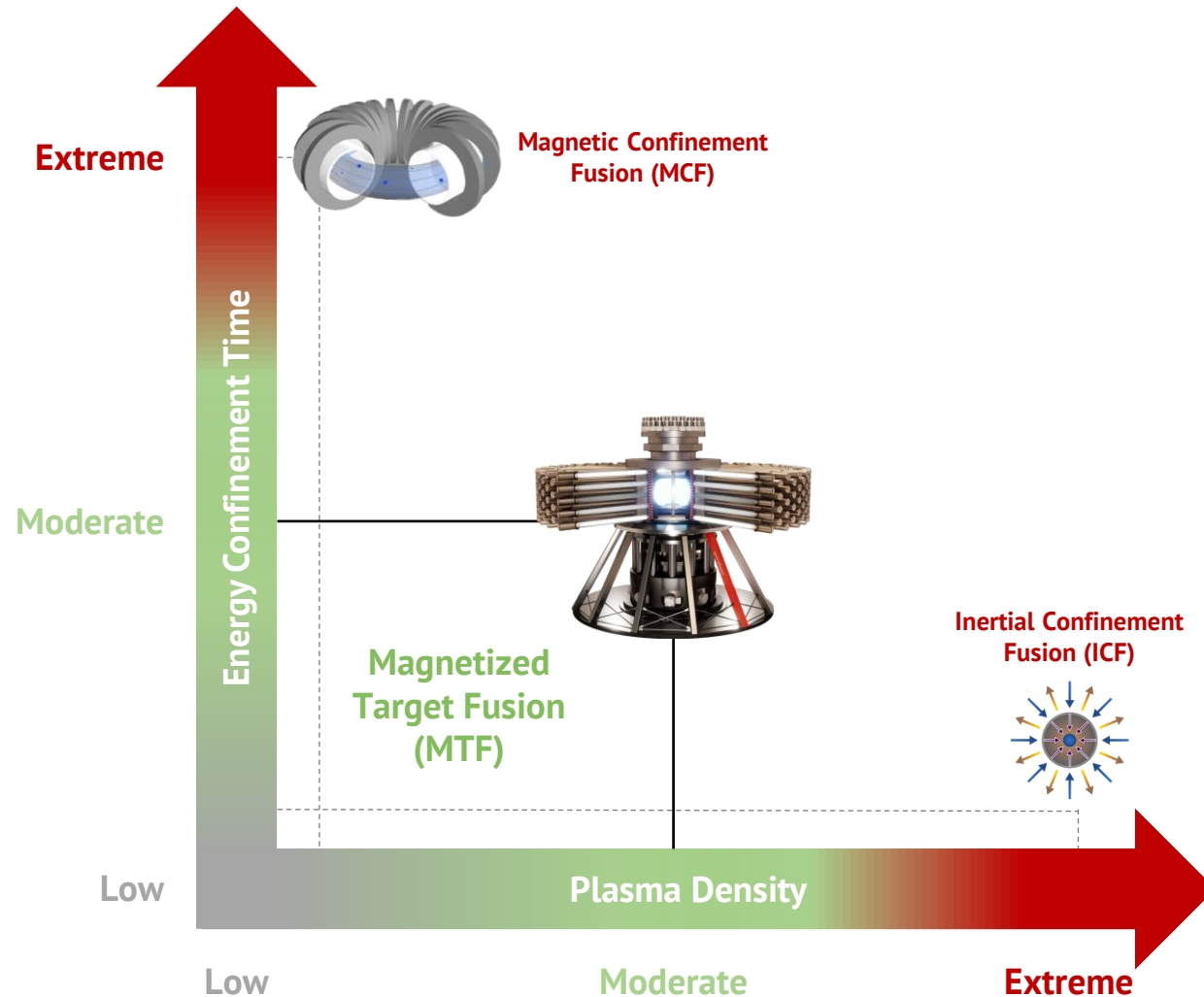
Without the gravity & pressure of the stars, systems must be built that can generate the necessary conditions here on Earth to force fusion to happen and produce net fusion energy, known as the **Lawson criterion** (the right combination of temperature, density, and energy confinement time)



Therefore, We Must Create a Machine That:



OUR DIFFERENTIATED ENGINEERING APPROACH FOR PRACTICAL FUSION ENERGY



Magnetic Confinement Fusion (“MCF”)

Requires intense magnetic fields created with superconducting magnets to achieve extreme energy confinement time

Magnetized Target Fusion (“MTF”)

Uses the combined effects of moderate energy confinement time and moderate plasma density to **achieve fusion in a practical way**

Key benefits include:

- ✓ Avoids superconducting magnets or high-powered lasers
- ✓ Enables the use of existing materials for durable machines and cost-effective energy production

Inertial Confinement Fusion (“ICF”)

Requires large arrays of high-powered and fragile lasers to achieve extreme plasma density

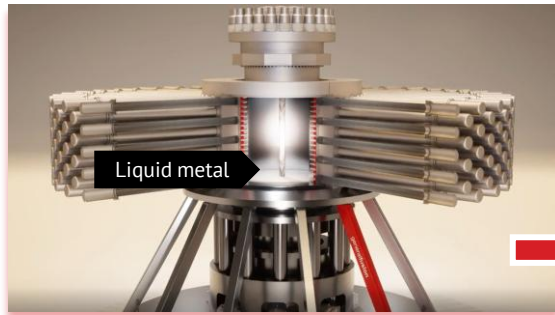
Academic Approaches Operate At Extremes While Magnetized Target Fusion Operates in a “Sweet Spot” of Parameters

Note: Competitors are pursuing their own unique approaches to Magnetic Confinement, Magnetized Target Fusion and Inertial Confinement, each with their own advantages and challenges. The above comparison is generalized

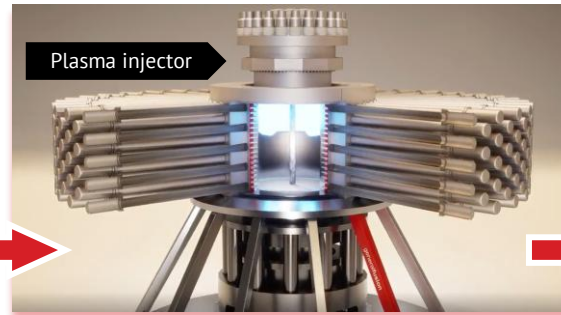
HOW DOES GENERAL FUSION'S MTF TECHNOLOGY **CREATE FUSION ENERGY?**



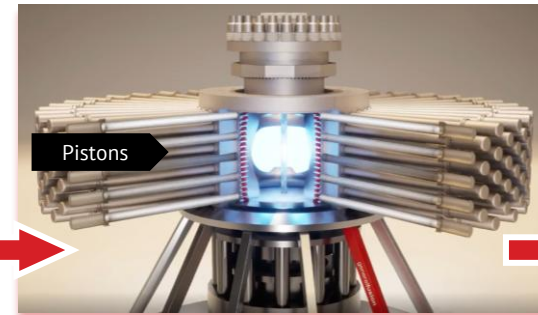
Form liquid metal cavity inside fusion vessel



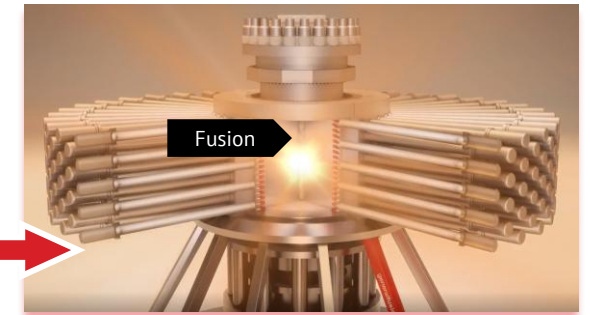
Inject magnetized plasma⁽¹⁾ into liquid metal cavity



Compress plasma with liquid metal using mechanical drivers



Fusion and energy extraction, conversion and recovery



Repeated once every second



Magnetized plasma compressed fluid-mechanically to fusion conditions

MTF Enables the Use of Liquid Metal Compression to Elegantly & Economically Solve the Barriers to Commercialization

(1) General Fusion's plasma injectors form spherical tokamak plasma targets using a 100% coaxial helicity injection (CHI) process. Targets are formed into a chamber with liquid metal walls. There is no active feedback; plasma position and stabilization is accomplished entirely through the metal walls acting as a flux conserver

GENERAL FUSION UNIQUELY **SOLVES CRITICAL BARRIERS** TO FUSION ENERGY



Barriers Other Fusion Approaches Face

Material Degradation

Fuel Sourcing

Energy Capture

Cost

A Unique Practical Solution with an Engineering Approach



Durable Fusion Machine

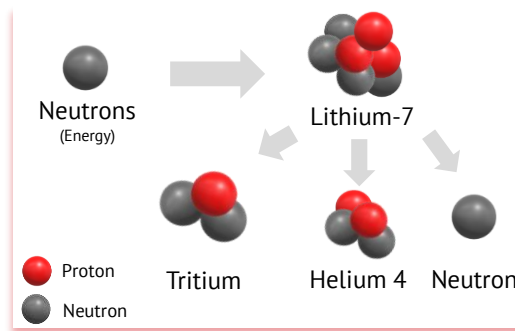


Protects the Machine from Fusion Damage

When fusion occurs, the reaction is surrounded by a liquid metal wall which absorbs neutrons emitted from the reaction⁽¹⁾



Abundant Tritium Fuel



Produces Sufficient Fusion Fuel to Support Operations for the Life of the Power Plant

When neutrons are absorbed in the liquid lithium wall, they can create Tritium fuel at a ratio greater than 1.5⁽¹⁾



Simple Energy Conversion



Creates Steam & Spins a Traditional Steam Turbine

The liquid metal wall absorbs neutrons and heat from fusion, and then the hot liquid metal is pumped through heat exchanger⁽²⁾⁽³⁾



Economical Fusion Power



Uses Simple Existing Materials

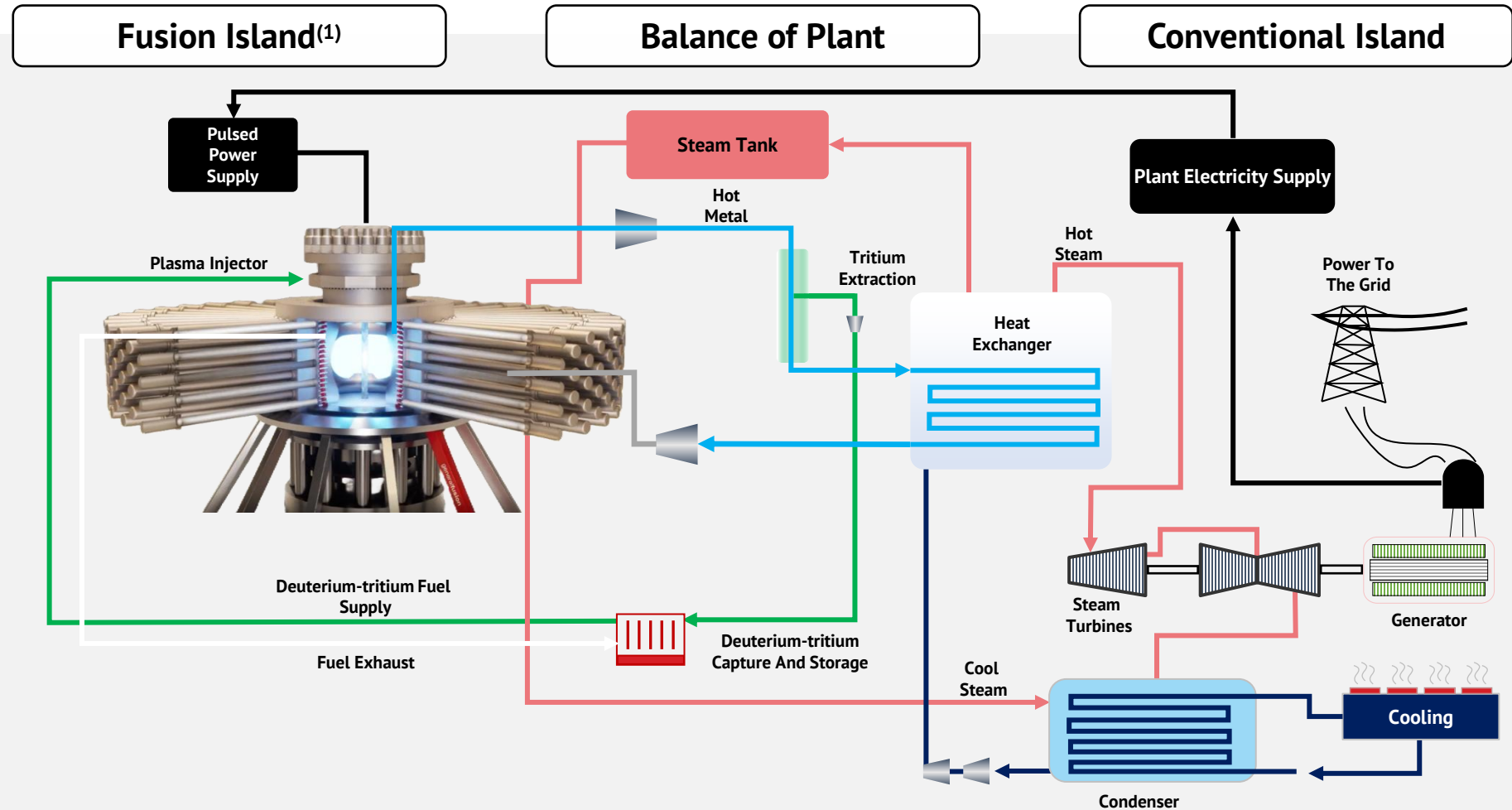
No need for expensive magnets, targets, lasers, or exotic or not yet invented materials and no frequent replacements of neutron damaged components

(1) General Fusion, *New Third-party Analyses Support General Fusion's MTF Technology Path to Commercialization*, September 2024
(2) General Fusion, *Magnetized Target Fusion Using Mechanically Driven Liquid Metal Liner*, December 2022
(3) General Fusion, *Conceptual Design of a Magnetized Target Fusion Power Plant*, July 2023

PRACTICAL TECHNOLOGY THAT PLUGS INTO EXISTING POWERPLANT INFRASTRUCTURE

General Fusion's MTF machine is designed to effectively plug into existing powerplant infrastructure

- Liquid metal can be pumped through a heat exchanger to create steam and spin a turbine
- Significant opportunity to retrofit retired coal fired powerplants – the balance of plant and footprint are similar



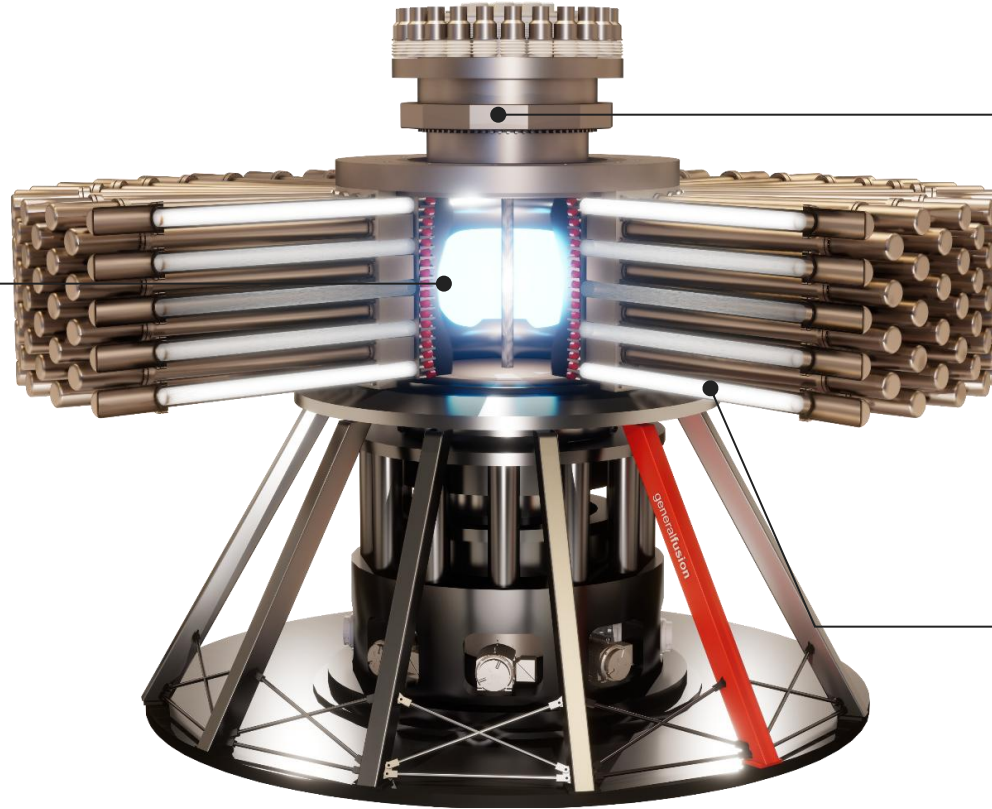
Note: General Fusion is pre-commercialization and timing estimates as well as technology, regulatory and commercialization strategy and assumptions are subject to change

(1) A General Fusion Magnetized Target Fusion Island is a machine that integrates a plasma injector and compression systems. Each Fusion Island produces 150 MWe. A reference configuration General Fusion powerplant will have two fusion islands connected to one balance of plant, producing a total of 300 MWe

GENERAL FUSION'S **ACHIEVEMENTS** SOLIDIFY THE FOUNDATION OF THE MTF APPROACH

Plasma Compression⁽¹⁾

Achieved a **stable fusion process** and significant fusion **neutron yield** through plasma compression with General Fusion's approach and evaluated plasma behavior in liquid metal systems



Plasma Performance⁽²⁾

Demonstrated the required plasma lifetime and characteristics for successful MTF at large-scale. **24 prototypes** and **over 200,000 plasma experiments** have culminated in the world's largest and most powerful operational fusion plasma injector for LM26⁽³⁾

Liquid Compression Performance⁽⁴⁾

Demonstrated compression technology necessary for smooth, rapid & symmetric compression of a liquid cavity as required for successful MTF **at large-scale**

These Milestones, Backed by Peer-Reviewed Results, Establish General Fusion as a Leading Innovator

(1) General Fusion, *General Fusion Confirms Significant Fusion Neutron Yield and Plasma Stability During MTF Compression Experiment Series with New Peer-reviewed Publication*, November 2024
(2) General Fusion, *Peer-reviewed Publication Confirms General Fusion Achieved Plasma Energy Confinement Time Required for its LM26 Large-scale Fusion Machine*, March 2025
(3) Based on publications in academic journals and management's knowledge of such articles, findings, and key artifacts
(4) General Fusion, *Shape Manipulation of a Rotating Liquid Liner Imploded by Arrays of Pneumatic Pistons: Experimental and Numerical Study*, November 2023

LM26 BUILT & OPERATING: A LARGE-SCALE MTF FUSION DEMONSTRATION MACHINE



LM26 – designed, built, and assembled in less than 2 years

LM26
Assembled
December 2024

Operations begin on time and on budget

First Plasma
Achieved
February 2025

All systems working as designed

First Plasma
Compression
Achieved
April 2025

Multiple plasma
compressions
completed since then

UP NEXT:

Optimize testbed
performance & begin
deeper compressions

1 keV
(~10M°C)

Deeper compression to
raise temperature

10 keV
(~100M°C)

More
magnetic field
to increase density

100%
Lawson⁽¹⁾

Program
Complete

World-First Magnetized Target Fusion Machine Built, Operating & Advancing Towards 100% Lawson⁽¹⁾

(1) For General Fusion's approach, simultaneously demonstrate with hydrogen fuel the temperature, density and energy confinement time which combined represent the operating point of D-T plasma that satisfies the Lawson condition

PATHWAY TO **ECONOMICAL CARBON-FREE FUSION ENERGY** IN THE NEXT DECADE...



2026

2027

2028

2029

2030

2031

2032

2033

2034

2035

Science

Engineering

Integration

Commercialization

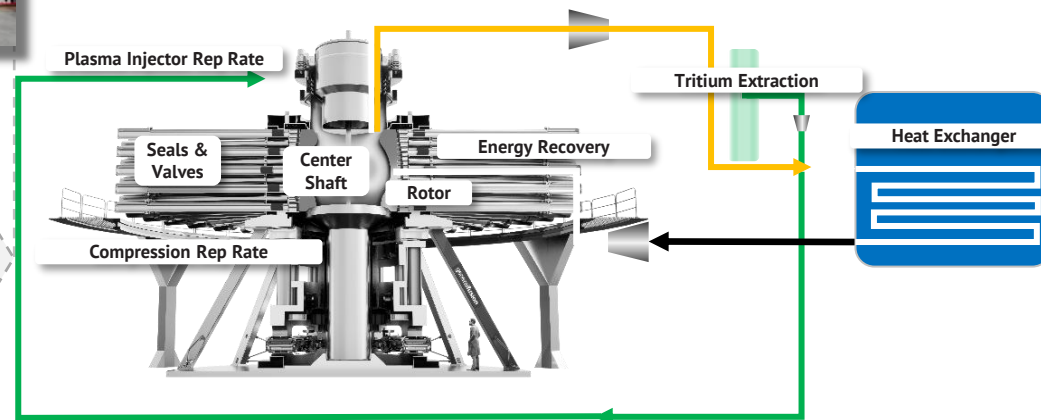
LM26

- 1 keV
- 10 keV
- 100% Lawson⁽¹⁾



Demonstrate Commercial Systems

- High repetition rate for key components & systems
- Key liquid metal systems and components
- Key balance of plant systems



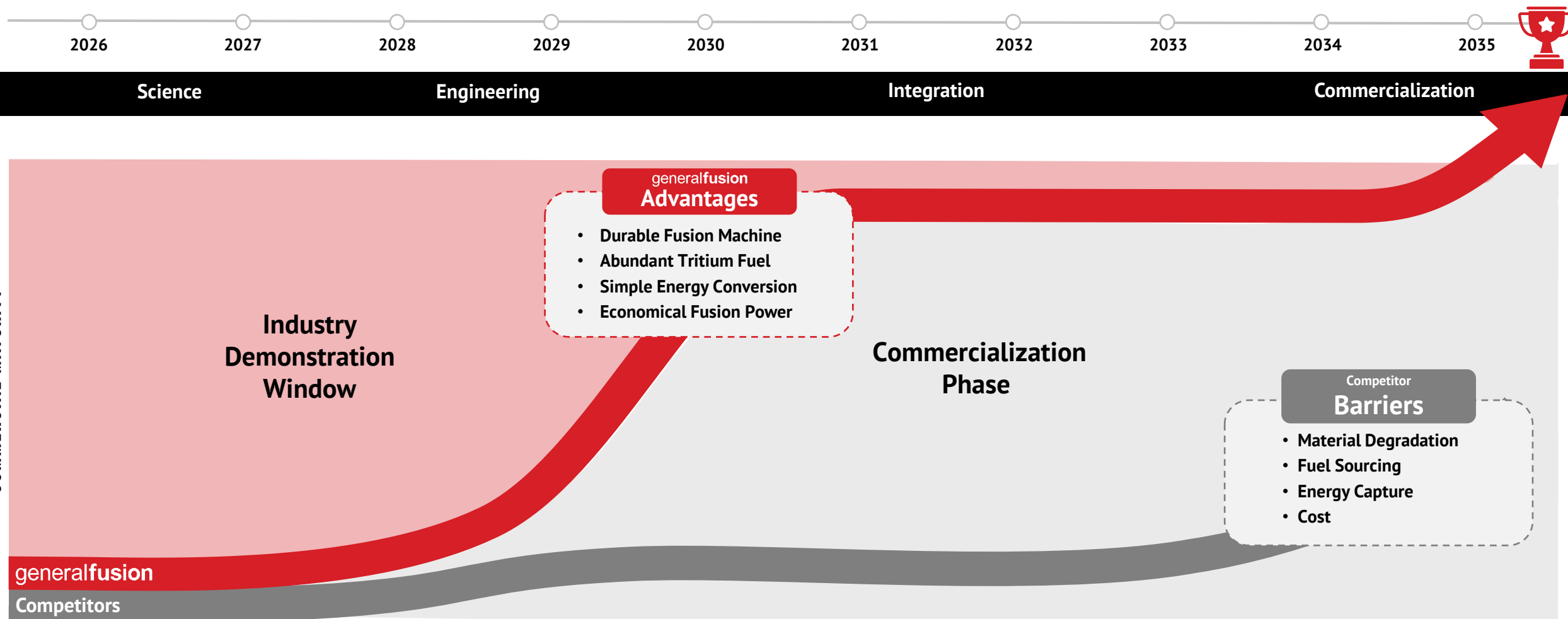
Build & Operate FOAK Plant

- Engineering breakeven with an integrated, commercial scale MTF machine
- Energy production at commercial scale



Note: General Fusion is pre-commercialization and timing estimates as well as technology, regulatory and commercialization strategy and assumptions are subject to change based on availability of funding and other factors
(1) For General Fusion's approach, simultaneously demonstrate with hydrogen fuel the temperature, density and energy confinement time which combined represent the operating point of D-T plasma that satisfies the Lawson condition

...BY FRONT-LOADING THE SOLUTIONS TO CRITICAL COMMERCIALIZATION BARRIERS



General Fusion's LM26 Program Will Quickly Differentiate Its Commercialization Value Trajectory vs. Other Fusion Technology Approaches

Note: Similar to our competitors, General Fusion is pre-commercialization and timing estimates as well as technology, regulatory and commercialization strategy and assumptions are subject to change based on availability of funding and other factors
Source: AIP Publishing, *Beyond Power Gain: Toward a Comprehensive Milestone Framework for All Fusion Energy Concepts*, September 2025

KEY COLLABORATORS & SUPPLIERS

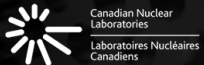


- Oak Ridge National Laboratory
- Savannah River National Laboratory
- Princeton Plasma Physics Laboratory
- Lawrence Livermore National Laboratory
- DIII-D National Fusion Facility



Major Automaker

HATCH



TRIUMF



UNIVERSITIES

- Simon Fraser University
- McGill University
- Queen's University
- University of Waterloo
- Universidade de Lisboa
- University of Illinois

POTENTIAL EARLY ADOPTERS & SELECT PARTNERS



Market Development Advisory Committee: Potential Early Adopters



Select Partnerships

Bruce Power MOU to evaluate potential fusion power plant in Ontario

HATCH Industrial partnership on power plant engineering

KYOTO FUSIONENGINEERING MOU to collaborate on tritium fuel cycle, liquid metal balance of plant, and power conversion cycle

Major Automaker Confidential MOU to advance piston and compression system development



Long standing collaborative partnership agreement related to fusion research, technology development operations and science validation

LONG-TERM **ASSET LIGHT, SCALABLE, TECHNOLOGY-CENTRIC** BUSINESS MODEL



Construction Phase (3.5 Year Construction Period)⁽¹⁾

General Fusion's Role

High margin OEM segment based on core IP & expertise



Preliminary Scope of Supply

The sale, engineering, installation & commissioning of 150MWe Fusion Islands⁽²⁾ and related systems

The reference configuration is 300MWe, consisting of 2 Fusion Islands⁽²⁾ with 1 balance of plant

Systems can be configured with several fusion islands per balance of plant



Power Plant EPC's Role

Engineering, procurement and construction ("EPC") services for the owner

Project management of suppliers and contractors



Operational Phase (40+ Years Plant Lifetime)⁽³⁾

General Fusion's Role

High margin services annuity



Preliminary Scope of Supply

Recurring replacement and refurbishment of Fusion Island⁽²⁾ equipment (e.g., plasma injector)



Preliminary Scope of Technical Services

Recurring technical support for Fusion Island⁽²⁾ & related systems



Power Plant Owner / Operator's Role

Long-term power plant financing, ownership and operations

Utilities, energy companies and infrastructure investors

Note: Assumes nth-of-a-kind two-module power plant unit. | Source: General Fusion management estimates

(1) Construction period subject to regulatory assumptions

(2) A General Fusion Magnetized Target Fusion Island is a machine that integrates a plasma injector and compression systems. Each Fusion Island produces 150MWe. A reference configuration General Fusion powerplant will have two fusion islands connected to one balance of plant, producing a total of 300MWe

(3) Duration of plant life is an estimate for planning purposes and may be extended. Note: General Fusion is pre-commercialization and technology, regulatory and commercialization strategy and assumptions are subject to change

BACKED BY **WORLD-CLASS** ADVISORS & DIRECTORS



SCIENCE & TECHNOLOGY ADVISORY COMMITTEE

ADVISORS

Chairman



TONY DONNE, PH.D.

Former CEO, EUROfusion;
Ph.D. from Vrije Universiteit
Amsterdam, Experimental
Physics



KURT SCHOENBERG, PH.D.

Spokesperson for the High
Energy Density Physics
Collaboration (HED@FAIR);
Former Director, Los Alamos
Neutron Science Center



NED SAUTHOFF, PH.D.

Former Director, U.S. ITER
Project at Oak Ridge National
Laboratory; Ph.D. from
Princeton University,
Astrophysical Sciences



MARTIN COX, M.A.

Former Director of the UKAEA;
Career spent at UKAEA
focused on fusion research



BOB SMITH

Aerospace and defense
industry veteran; Former
Chairman and CEO of Blue
Origin with roles at Honeywell
Aerospace, NTESS & United
Space Alliance



WENDY KEI

Director of Ontario Power
Generation and Centerra Gold;
Former Director at NFI Group
and CFO at Dominion
Diamond Corporation

CURRENT BOARD OF DIRECTORS



GREG TWINNEY

CEO of General
Fusion; Led multiple
businesses through
IPOs / M&As



ADAM RODMAN

Founder and Chief
Investment Officer
of Segra Capital
Management



ZOLTAN TOMPA

Director, Cleantech
Practice at Business
Development Bank of
Canada



KELLY EDMISON

Chairman of Pender;
30+ years of
leadership
experience



Chairman

KLAAS DE BOER

Previous Managing
Partner of Entrepreneurs
Fund with many
successful exits



GRANT GARDINER

EVP Strategy &
Business Development
at Atomic Energy of
Canada Limited



WAL VAN LIEROP

Managing Partner &
Co-Founder of
Chrysalix Energy
Venture Capital



MARK LITTLE

Prior President &
CEO of Suncor
Energy

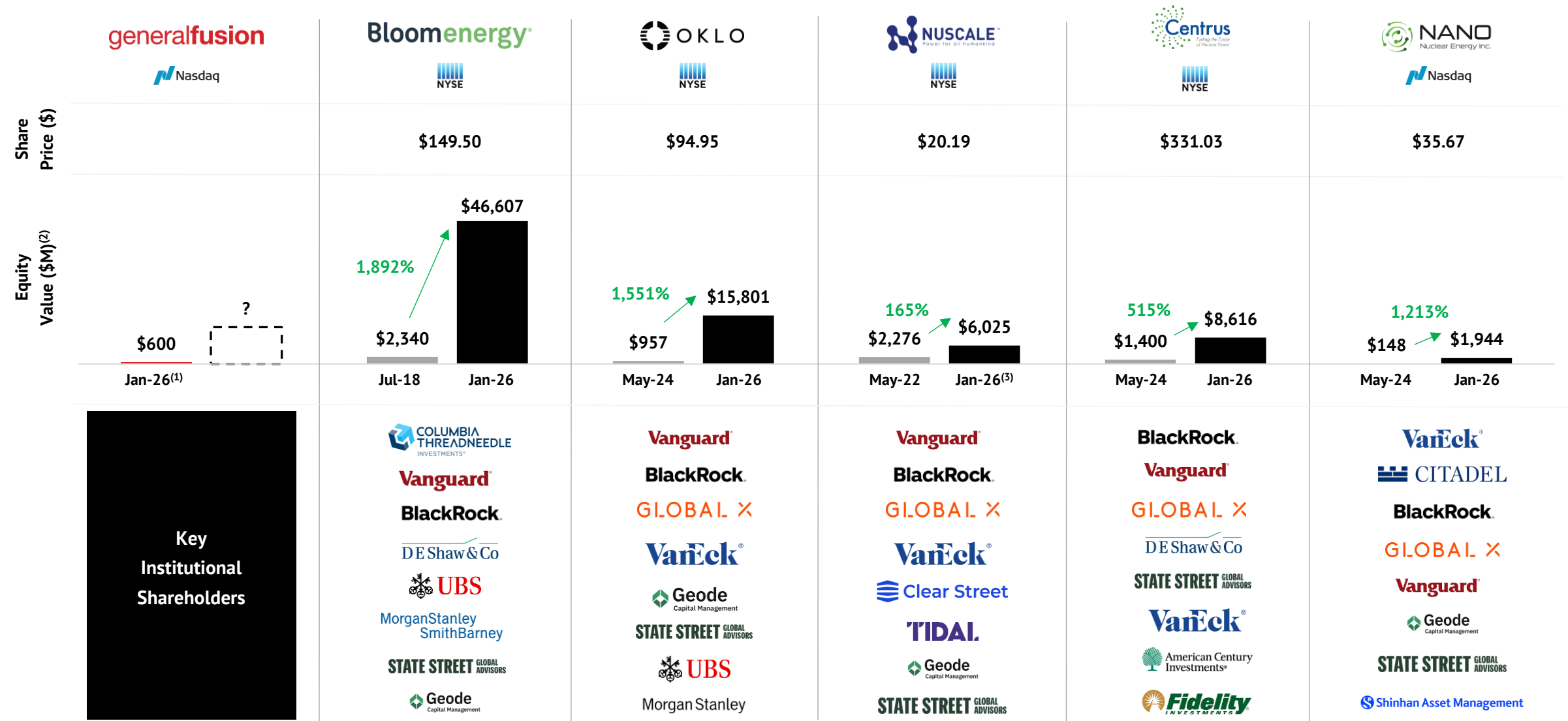


NORMAN HARRISON

Prior CEO of the UK
Atomic Energy
Authority

Note: The board and advisors are subject to change post-business combination

ROBUST PEER PERFORMANCE SINCE IPO / DE-SPAC



Source: FactSet data as of 1/16/2026. Equity value for peers calculated on a fully diluted shares outstanding basis

(1) Based on latest discussions

(2) Pro forma fully diluted equity value as reported

(3) Calculated based on fully diluted shares outstanding from NuScale's Q3 2025 10-Q and stock price as of 1/16/2026

INVESTMENT HIGHLIGHTS & WHY GO PUBLIC NOW



Market Tailwinds

- ✓ Global Need for Baseload Power
- ✓ Fusion Can Help Meet Energy Demand & Achieve a Net-zero Transition
- ✓ Streamlined & Supportive Path for Fusion Energy Deployment
- ✓ Driven by Significant Investor & Government Support

generalfusion Tailwinds

- ✓ Our fusion technology approach **uniquely addresses barriers to commercialization:**
 - ✓ Durable fusion machine
 - ✓ Simple energy conversion
 - ✓ Abundant tritium fuel
 - ✓ Economical fusion power
- ✓ LM26 demonstration is designed to validate General Fusion's **lead position** and leave others behind on the timeline to commercialization with a 3-year path to transformative technical milestones
- ✓ We have built a **world-class team** of scientists, engineers and entrepreneurs that are supported by global stakeholders and industry leaders which will allow us to build our nuclear fusion plants
- ✓ Valuation priced at a **meaningful discount** to both public and private peers creates a unique investment opportunity for new investors

The background image shows two workers in a factory or industrial setting. They are wearing red hard hats and high-visibility safety vests. They are working with large spools of fiber optic cables, which are visible in the foreground and background. The worker on the left is wearing a grey hoodie and the worker on the right is wearing a black shirt. They are both looking down at the cables they are handling. The text 'APPENDIX' is in black and 'general fusion' is in red, both in a bold, sans-serif font.

APPENDIX

general fusion

LEADING THE RACE WITH PRACTICAL, GAME-CHANGING FUSION TECHNOLOGY



	Fusion Company Subsegments	Durable Fusion Machine	Energy Conversion	Fuel Breeding	Cost Effectiveness	Existing Materials	Fusion Company Experience Building Fusion Machines	Fusion Company Peer Reviewed Fusion Results ⁽¹⁾
ENGINEERING APPROACH	generalfusion Magnetized Target Fusion	✓	✓	✓	✓	✓	generalfusion ✓	generalfusion ✓
	Sheared-Flow-Stabilized Z-pinch	-	✓	-	-	-	1 company	1 company
	Magneto-Inertial with Direct Drive	-	-	-	-	-	✓	✗
ACADEMIC APPROACH	Magnetic Confinement	✗	-	-	✗	✗	2 companies	2 companies
	Inertial Confinement	✗	-	-	✗	✗	✗	✗
	Inertial Fusion	✗	-	-	✗	✗	✗	✗

Source: Press search, General Fusion management judgement

(1) Wurzel, Samuel E., and Scott C. Hsu, *Update: Progress toward fusion energy breakeven and gain as measured against the Lawson Criterion*, May 2025

ADDITIONAL DISCLAIMERS FOR CANADIAN PURCHASERS ONLY



Rights of Action for Damages or Rescission

Securities legislation in certain of the provinces of Canada may deem this Presentation to be an offering memorandum and accordingly provide purchasers with, in addition to any other rights they may have at law, statutory rights of rescission or damages, or both, in the event this Presentation or any amendment hereto contains a misrepresentation. A “misrepresentation” is an untrue statement of a material fact or an omission to state a material fact that is required to be stated or that is necessary to make any statement not misleading or false in the light of the circumstances in which it was made. These rights and remedies must be exercised within prescribed time limits and are subject to the defenses contained in the applicable securities legislation.

Purchasers should refer to the applicable provisions of the securities legislation of their province for the particulars of these rights or consult with a Canadian legal adviser. The following summary is subject to the express provisions of the applicable Canadian securities laws, regulations and rules, and reference is made thereto for the complete text of such provisions. Such provisions may contain limitations and statutory defenses not described herein on which SVAC, General Fusion, NewCo and other applicable parties may rely.

The following is a summary of the statutory rights of rescission or damages, or both, available to purchasers resident in certain of the provinces of Canada.

Ontario Purchasers

Ontario securities laws provide purchasers who have been delivered an offering memorandum in connection with a distribution of securities in reliance upon the “accredited investor” prospectus exemption in Section 73.3 of the *Securities Act* (Ontario) or National Instrument – *Prospectus Exemptions* (“NI 45-106”) with a statutory right of action against the issuer of the securities for damages or rescission in the event that the offering memorandum or any amendment to it contains a misrepresentation, without regard to whether the purchaser relied on the misrepresentation. If the purchaser elects to exercise its right of rescission, the purchaser will cease to have a right of action for damages. No such action shall be commenced more than: (a) in the case of an action for rescission, 180 days after the date of the transaction that gave rise to the cause of action; or (b) in the case of an action for damages, the earlier of (i) 180 days after the purchaser first had knowledge of the facts giving rise to the cause of action or (ii) three years after the date of the transaction that gave rise to the cause of action.

Ontario securities laws provide a number of limitations and defenses to such actions, including the following: (a) the issuer is not liable if it proves that the purchaser purchased the securities with knowledge of the misrepresentation; (b) in an action for damages, the issuer shall not be liable for all or any portion of the damages that the issuer proves does not represent the depreciation in value of the securities as a result of the misrepresentation relied upon; and (c) in no case shall the amount recoverable exceed the price at which the securities were offered.

These rights are not available for a purchaser purchasing in reliance upon the “accredited investor” prospectus exemption in NI 45-106 that is: (a) a “Canadian financial institution” or “Schedule III bank” (each as defined in applicable securities laws); (b) the Business Development Bank of Canada; or (c) a subsidiary of any person referred to in paragraphs (a) or (b), if the person owns all of the voting securities of the subsidiary, except the voting securities required by law to be owned by the directors of the subsidiary.

Language of Documents

Upon receipt of this document, the purchaser hereby confirms that he, she or it has expressly requested that all documents evidencing or relating in any way to the offer and/or sale of securities (including for greater certainty any purchase confirmation or any notice) be drawn up in the English language only. Par la réception de ce document, vous confirmez par les présentes que vous avez expressément exigé que tous les documents faisant foi ou se rapportant de quelque manière que ce soit à l'offre ou à la vente des valeurs mobilières décrites aux présentes (incluant, pour plus de certitude, toute confirmation d'achat ou tout avis) soient rédigés en anglais seulement.



CLEAN ENERGY. EVERYWHERE. FOREVER.™

generalfusion