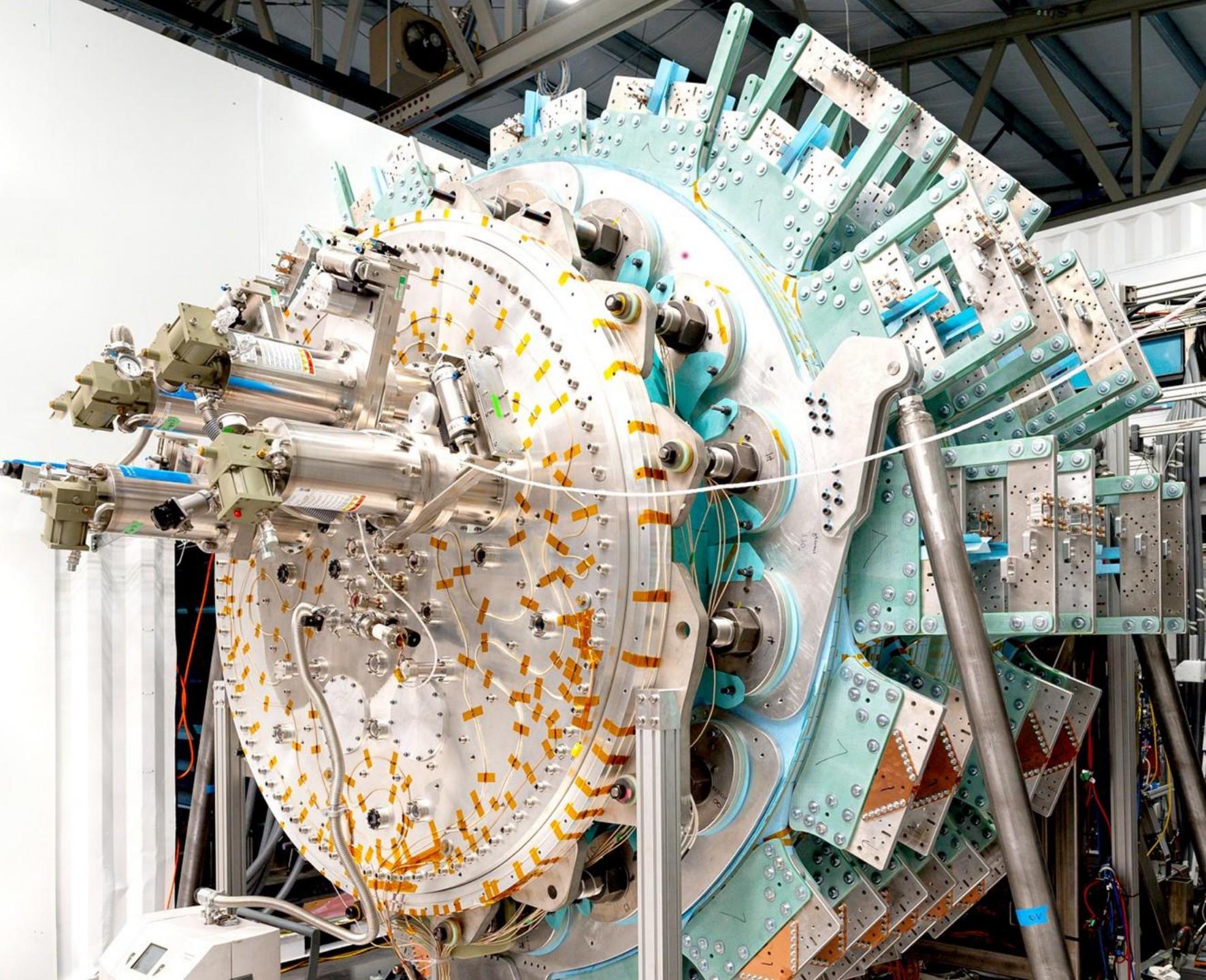


generalfusion

AN ENGINEERING APPROACH TO DELIVERING FUSION ENERGY

JANUARY 2026

INVESTOR PRESENTATION





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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.

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TODAY'S SPEAKERS



GREG TWINNEY 
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 
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

FUSION
INDUSTRY ASSOCIATION

 **Hootsuite**

FRONTIER
COLLECTIVE

 **REALMATTERS**

 **Rakuten kobo**

 **opalis** 



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



Defense nuclear, commercial nuclear and SMR efforts



CorpDev, M&A, and Investor Relationships

FUSION
INDUSTRY ASSOCIATION

SALOMONSMITHBARNEY
A member of citigroup

 **NUSCALE**

 **REG**

BofA SECURITIES 

 **NGP ENERGY TECHNOLOGY PARTNERS**

 **Spring Valley ACQUISITION**

 **Spring Valley ACQUISITION II**

STIFEL

 **Thomas Weisel Partners**

FIRST ALBANY COMPANIES

 **Spring Valley ACQUISITION**

 **Spring Valley ACQUISITION II**

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

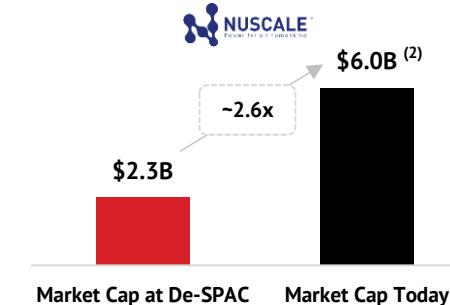
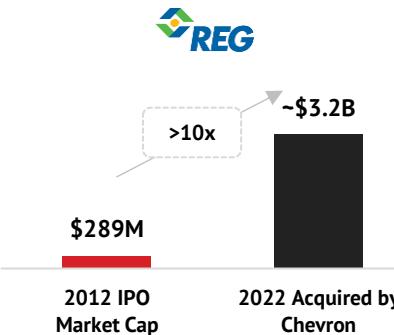
SPACResearch data as of 1/16/2026

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



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

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 issued to convertible preferred investors

(3) Excludes \$135M earnout

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%



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

**DAN FLEISCHER**

Head of IR & Corp Dev

20+ years energy capital markets; SVP Finance, Commonwealth LNG; Board Observer, Sempra Infrastructure; Investment Banking at UBS & Goldman

**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

GENERAL FUSION AT A GLANCE



Overview

Founded
2002

Headquarters
Vancouver
Canada

Employees
117⁽¹⁾

Technical Roles
75%⁽¹⁾
Incl. 16 Ph.Ds

Employee Retention
93%⁽²⁾

Funding (US\$)
\$400M+

\$1+
Trillion

2050E Fusion Energy
Market Size⁽³⁾

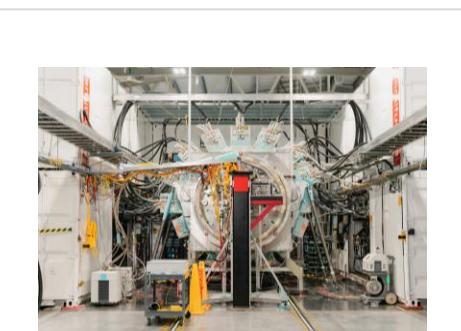
TEMASEK PENDER
SEGRA CAPITAL MANAGEMENT PenderFund Capital Management Ltd.

bdc* BEZOS GIC

BRAEMAR CHRYSLIX HATCH
BRAEMAR ENERGY VENTURES CHRYSLIX VENTURE CAPITAL

JIMCO Canadian Nuclear Laboratories KHAZANAH NASIONAL
 Canadian Nuclear Laboratories

**Strong Institutional
Support**



Proprietary LM26
Fusion Machine



100,000 Sq. Foot CNSC-
licensed Facility



STRATEGIC
INNOVATION
FUND

U.S. DEPARTMENT
of ENERGY

UK Atomic
Energy
Authority

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

U.S. DEPARTMENT
of ENERGY
Oak Ridge National Laboratory
Savannah River National Laboratory
Princeton Plasma Physics Laboratory
Lawrence Livermore National Laboratory
DIII-D National Fusion Facility

Major Automaker HATCH

Canadian Nuclear
Laboratories TRIUMF

COMSOL MULTIPHYSICS UK Atomic
Energy Authority

**Technology
Partners**

210

167 Patents Issued &
43 Pending Globally⁽⁴⁾

34

Peer-reviewed
Publications

WSJ

FT FINANCIAL
TIMES

nature

BBC

**The
Economist**

Science

Bloomberg

**BUSINESS
INSIDER**

**Globally Recognized
Platform**

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



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**

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

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



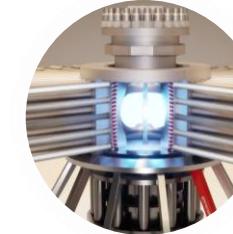
2021

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⁾



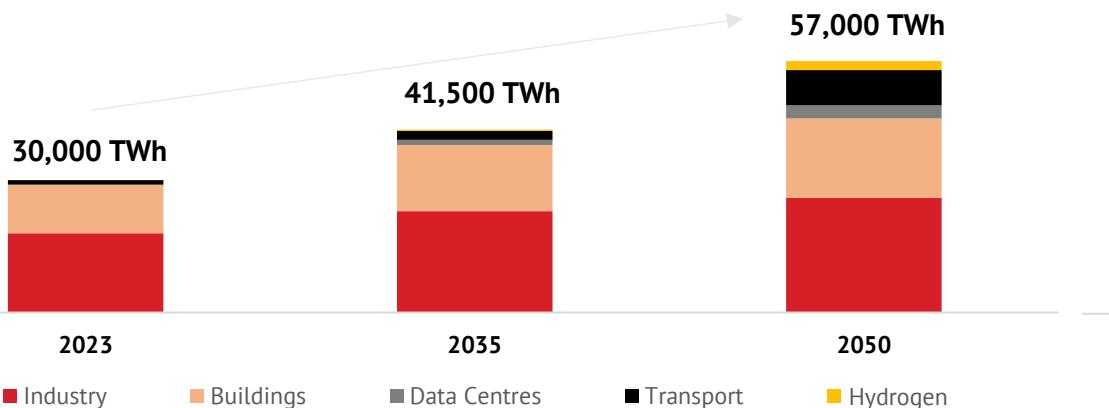
Grid Under Pressure: Surging demand from EVs, industries, and data centers is straining power infrastructure worldwide



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



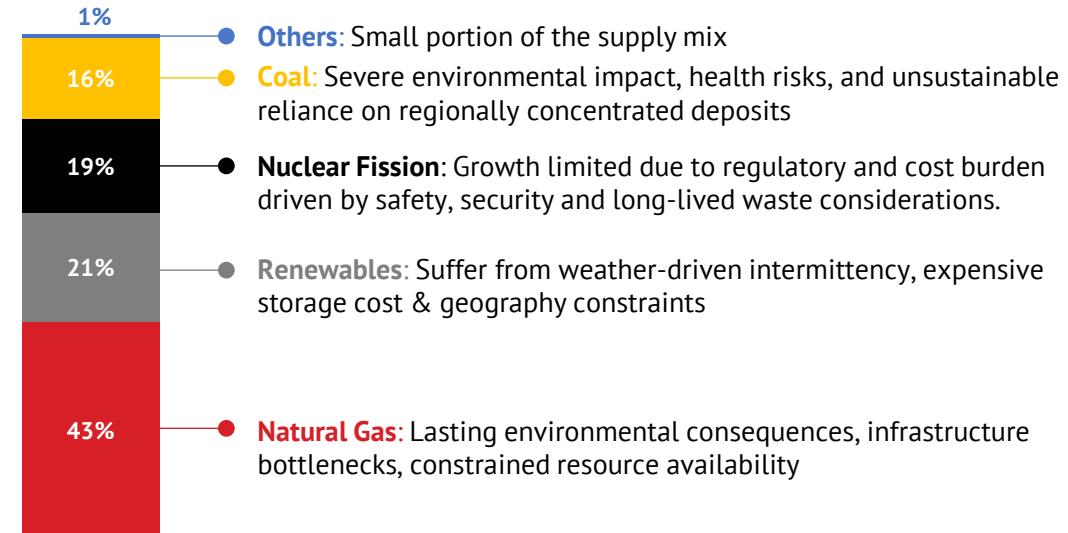
Rising Demand: Increasing global populations, broadening electrification, and expanding economic activity driving overall energy demand



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

Source: The New York Times and International Energy Agency *World Energy Outlook 2023 Net Zero Emissions Scenario*

(1) McKinsey & Company, *Global Energy Perspective 2023: Power outlook*, January 2024

(2) U.S. Department of Energy, *DOE Releases New Report Evaluating Increase in Electricity Demand from Data Centers*, December 2024

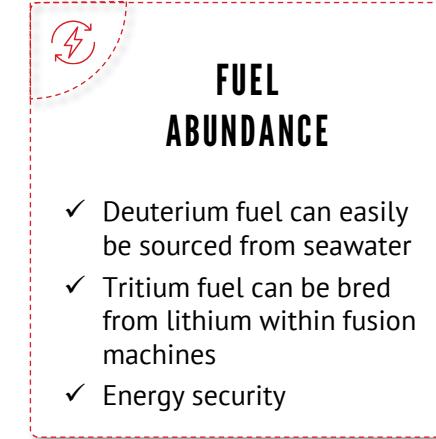
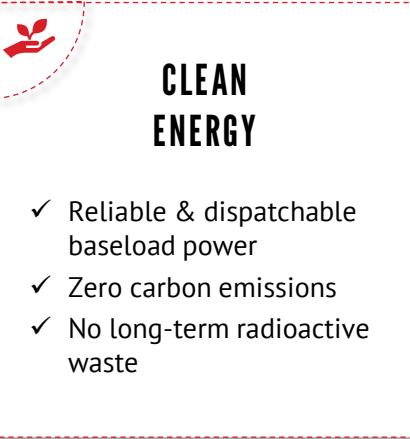
(3) The American Society of Civil Engineers, *2025 Report Card for America's Infrastructure*, March 2025

(4) U.S. Energy Information Administration

TRANSLATING INTO A TREMENDOUS MARKET OPPORTUNITY



Nuclear Fusion is the Holy Grail for Clean Baseload Power



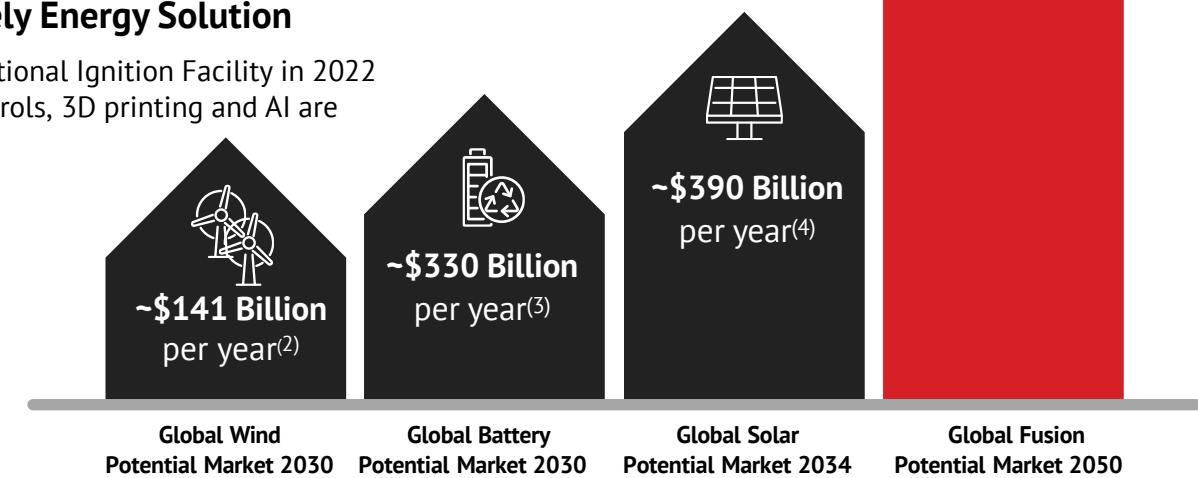
Fusion Shifted from Scientific Experimentation to an Increasingly Likely Energy Solution

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

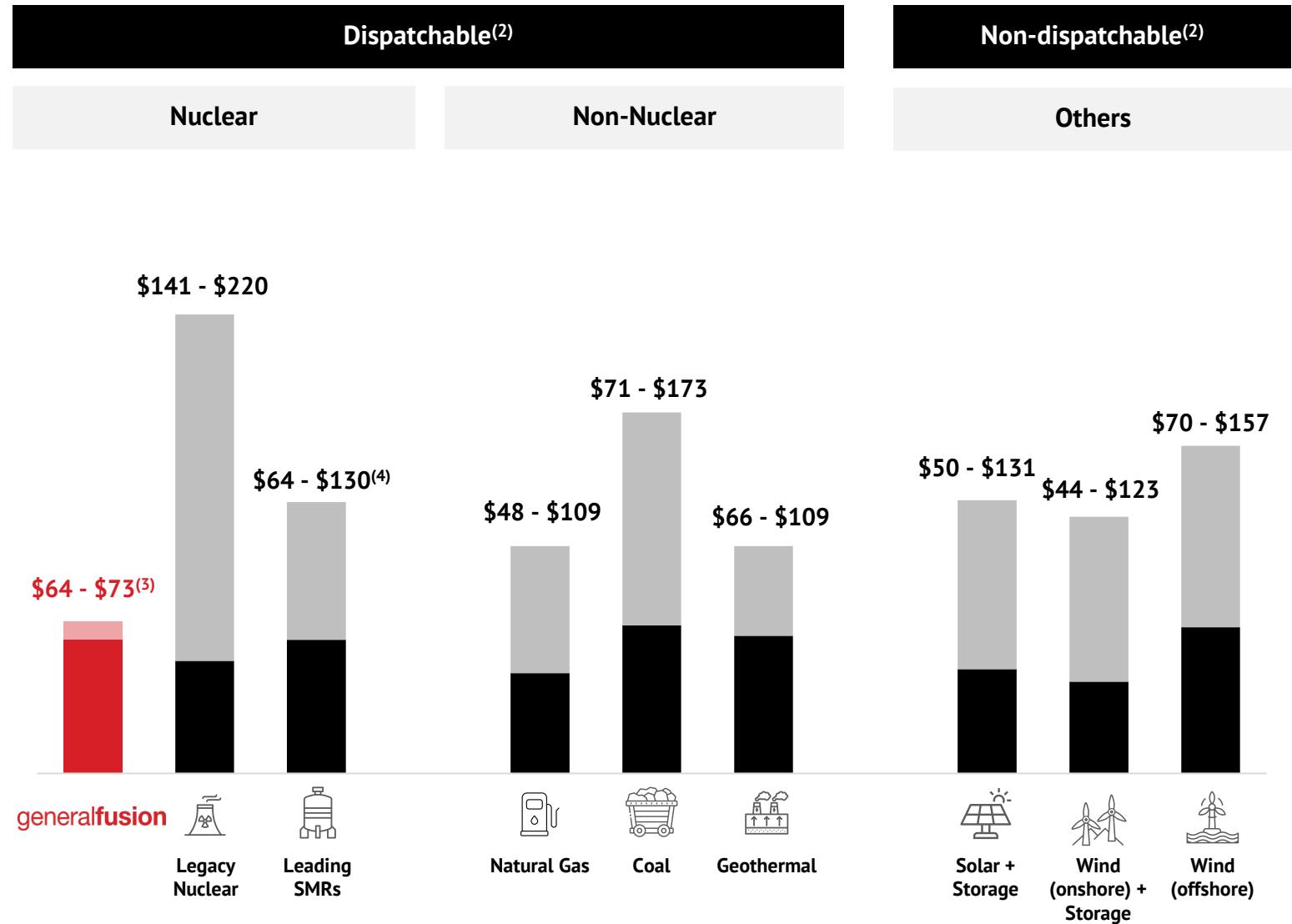
The ADVANCE Act of 2024 officially created a new regulatory framework for fusion, separating it from the more restrictive, complex and lengthy fission regulations



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)



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

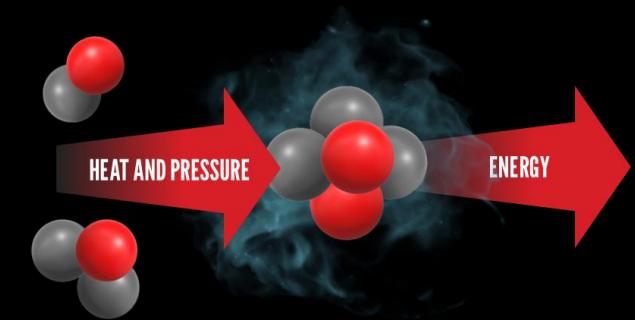


What is Fusion?

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

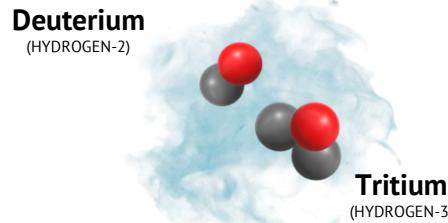
To Make Fusion Happen on Earth

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:

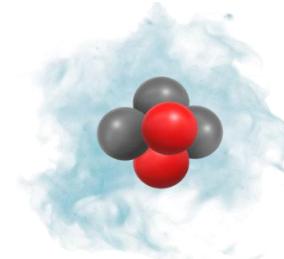
Step 1



Generates Plasma

A cloud of ionized hydrogen gas, often made of Deuterium and Tritium

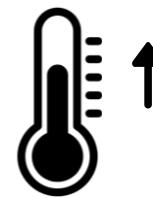
Step 2



Creates Fusion

Under the right conditions, forces plasma to fuse and release energy

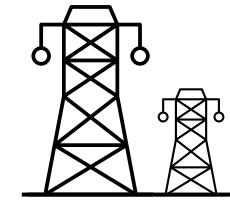
Step 3



Captures the Energy

Efficiently captures the energy released from fusion

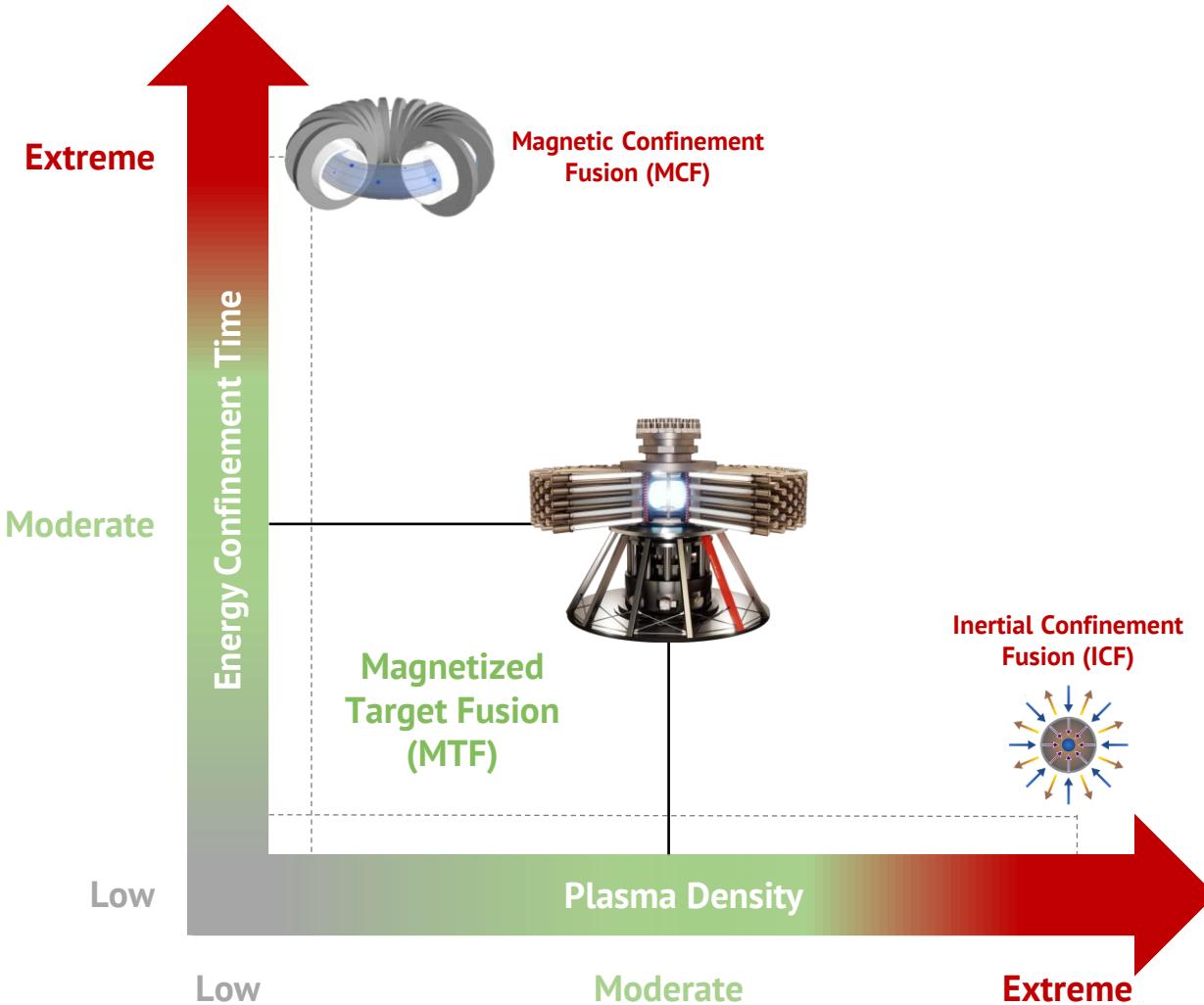
Step 4



Converts to Power

Converts the captured fusion energy to power for electricity & industrial heat use

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

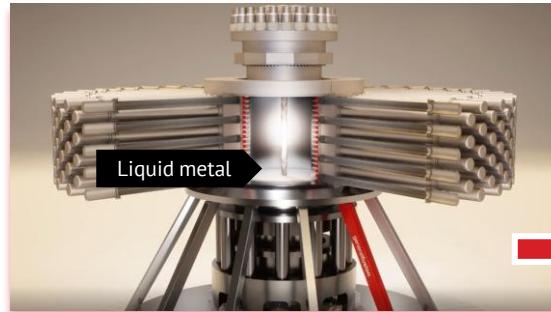
Academic Approaches Operate At Extremes While Magnetized Target Fusion Operates in a “Sweet Spot” of Parameters

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

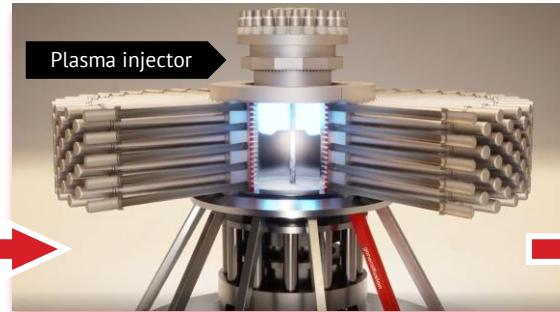
HOW DOES GENERAL FUSION'S MTF TECHNOLOGY CREATE FUSION ENERGY?



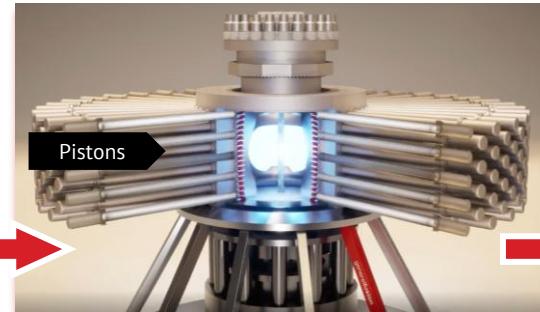
Form liquid metal cavity inside fusion vessel



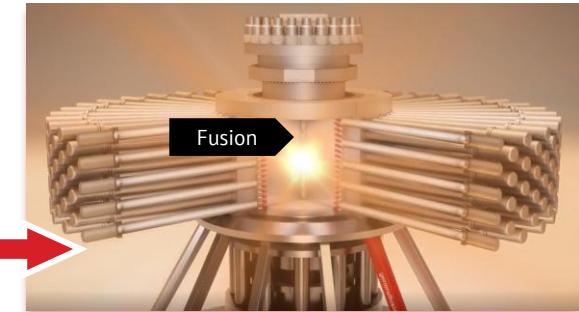
Inject magnetized plasma⁽¹⁾ into liquid metal cavity



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 conservator

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

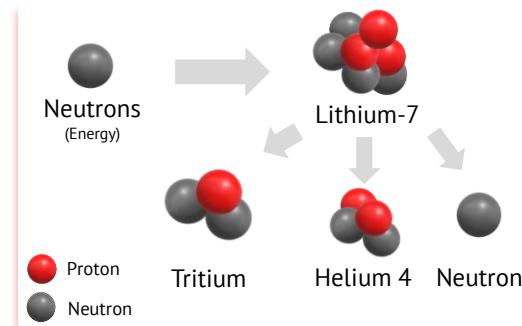


Protects the Machine from Fusion Damage

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



Abundant Tritium Fuel



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

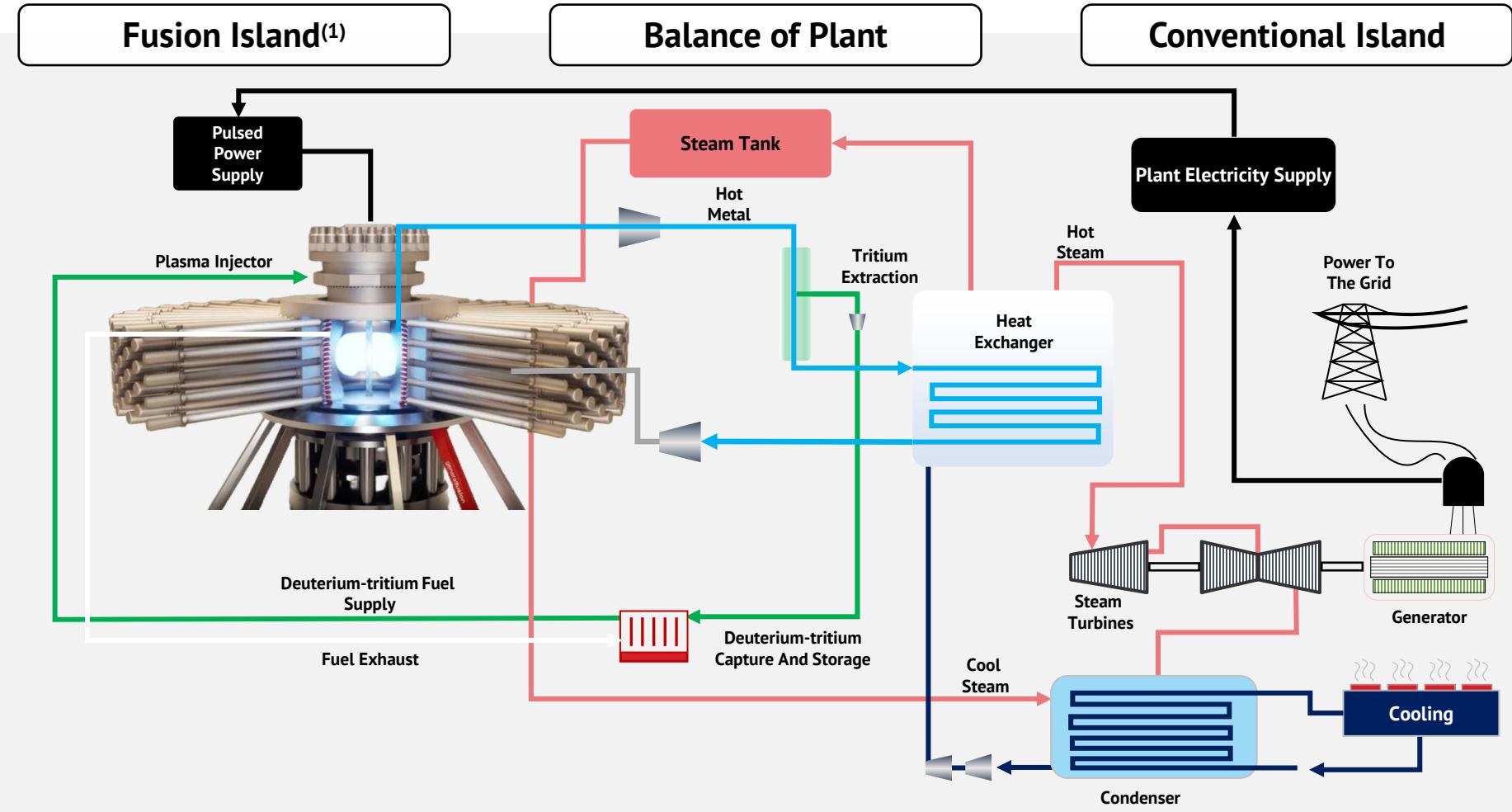
No need for expensive magnets, targets, lasers, or exotic or not yet invented materials and no frequent replacements of neutron damaged components

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

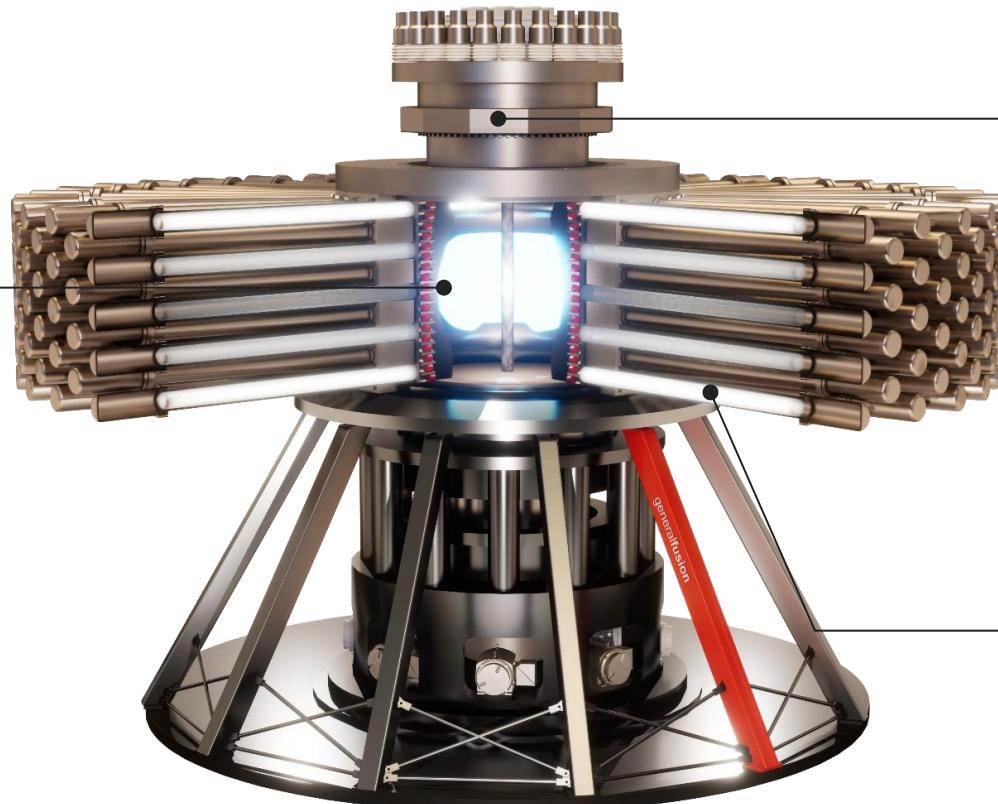
(1) A General Fusion Magnetized Target Fusion Island is a machine that integrates a plasma injector and compression systems. Each Fusion Island produces 150 MWe. A reference configuration General Fusion powerplant will have two fusion islands connected to one balance of plant, producing a total of 300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

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

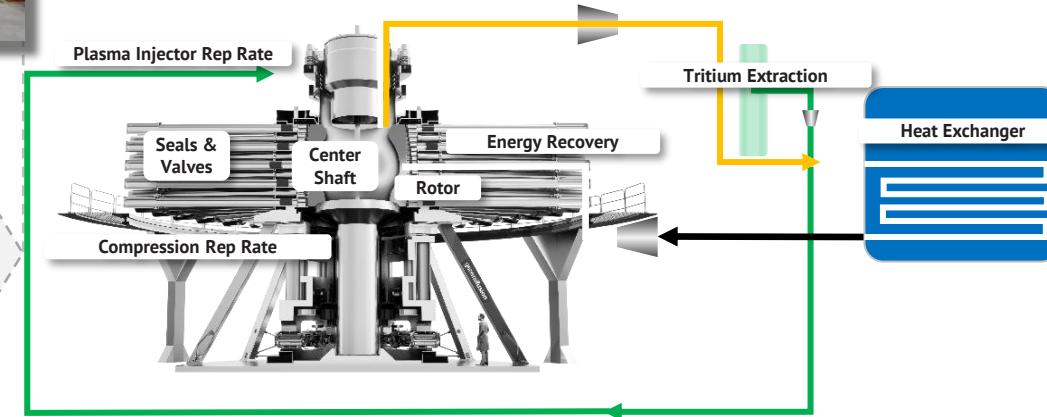
LM26

- 1 keV
- 10 keV
- 100% Lawson⁽¹⁾

Engineering



Integration



Commercialization

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

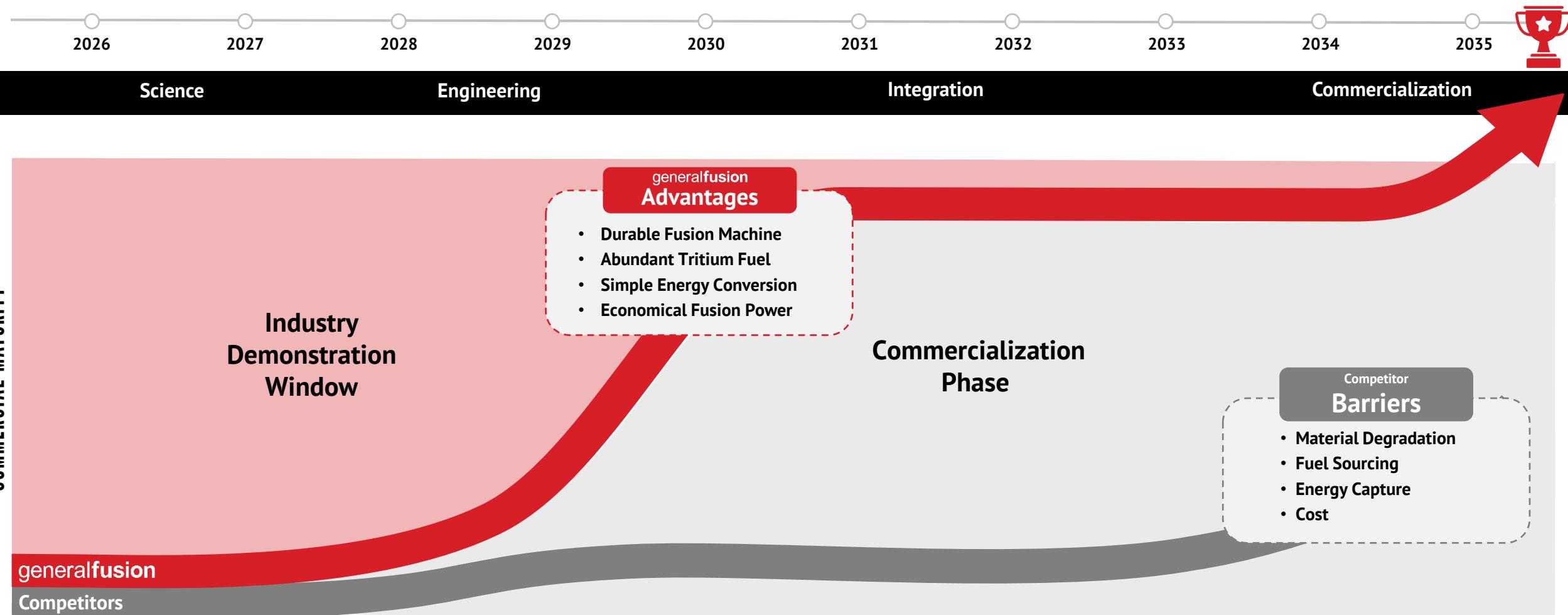
- Engineering breakeven with an integrated, commercial scale MTF machine
- Energy production at commercial scale



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

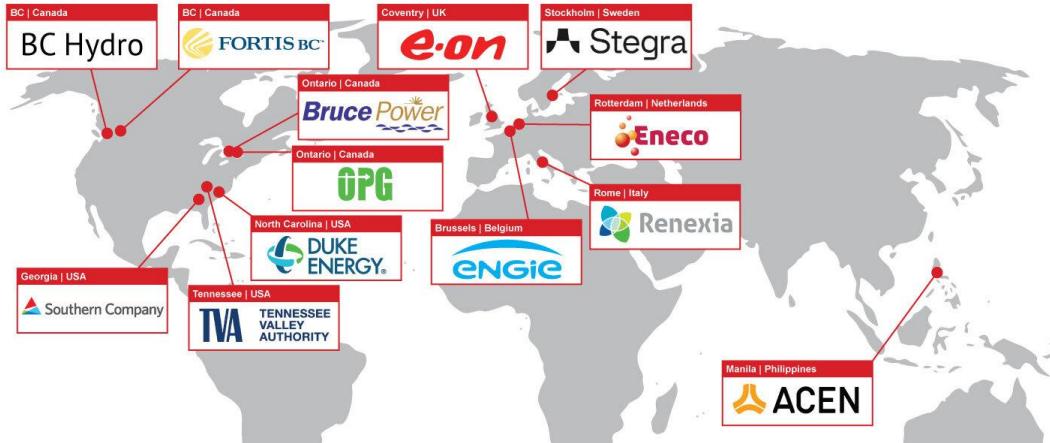


UNIVERSITIES

- 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 FUSIONEERING 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

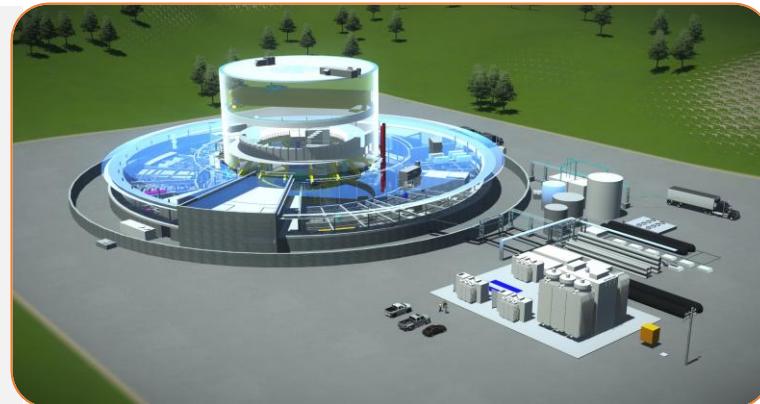


Preliminary Scope of Supply

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

BACKED BY WORLD-CLASS ADVISORS & DIRECTORS



SCIENCE & TECHNOLOGY ADVISORY COMMITTEE

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**

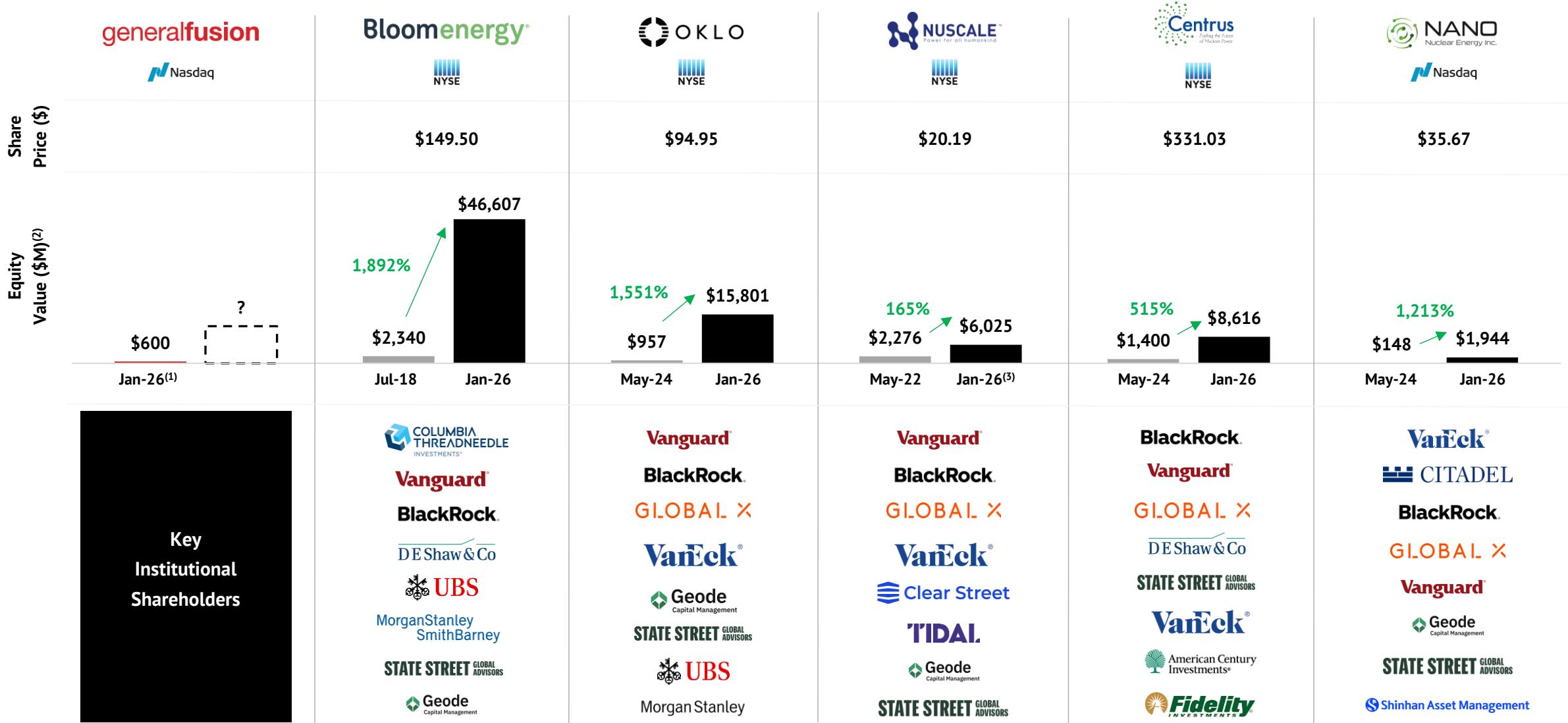
Director of Ontario Power Generation and Centerra Gold; Former Director at NFI Group and CFO at Dominion Diamond Corporation

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



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
- ✓ Abundant tritium fuel
- ✓ Simple energy conversion
- ✓ 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

A photograph of two industrial workers in a factory. One worker in the foreground is wearing a red hard hat and a high-visibility vest, and is holding a long red strap. The other worker is in the background, also wearing a red hard hat and a high-visibility vest, and is working on a large, curved metal structure. The background shows industrial equipment and a blue metal frame.

APPENDIX

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LEADING THE RACE WITH PRACTICAL, GAME-CHANGING FUSION TECHNOLOGY



ENGINEERING APPROACH

ACADEMIC APPROACH

generalfusion

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

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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⁾
generalfusion						generalfusion	generalfusion
Magnetized Target Fusion	✓	✓	✓	✓	✓	✓	✓
Sheared-Flow-Stabilized Z-pinch	-	✓	-	-	-	1 company	1 company
Magneto-Inertial with Direct Drive	-	-	-	-	-	✓	✗
Magnetic Confinement	✗	-	-	✗	✗	2 companies	2 companies
Inertial Confinement	✗	-	-	✗	✗	✗	✗
Inertial Fusion	✗	-	-	✗	✗	✗	✗



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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.™

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