



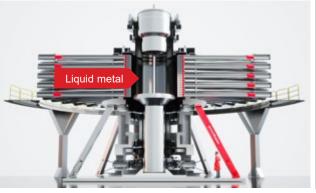


- Among first private fusion ventures founded
- Team of over 160 employees
- 15+ years and 200,000+ fusion plasma experiments conducted to date
- Headquartered in Vancouver, Canada with offices in Oak Ridge, TN and Culham, UK



General Fusion's Magnetized Target Fusion Technology

Cavity Formation



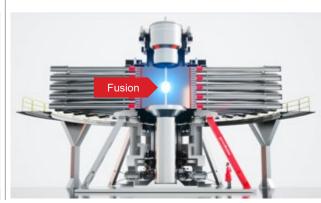
Compression system Initiation



Plasma injection



Fusion and energy conversion



Core technologies are in place for the first power plant-scale demonstration

Plasma injector



Compression system



Fusion process stability





Company's innovative and protected technology is the result of 15 years of development and 200+ patents and patents pending

Source: Company information

A Wide Spectrum of Partnerships

Partnership-based strategy

Enabling technologies:

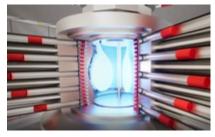
Develop supporting capabilities

through enhancement of existing

Fusion technology development:

Build sustained value around fusion technology

Example: Plasma science



Fusion research









industrial IP

Example: Heat exchanger

Big data/Al



Manufacturing



Engineering, construction, and manufacturing:

Apply commercially proven technologies delivered by partners



Engineering and construction



Forging/materials



Architect





Focused on maximizing value by partnering with industry leaders to:

- Aggregate complementary strengths
- Access key enabling technologies
- De-risk program execution



Continuing to build and strengthen partnerships to complement General Fusion's core expertise in:

- Technology scale up
- EPC business operations
- · Business Development
- Government Relations



The MTF Fusion Demonstration Plant's (FDP) Purpose

Integrate all key technologies for MTF fusion: Plasma injection, compression vessel, rotor, pistons, liquid metal & diagnostics



70% scale

of commercial power plant

1 pulse per day

repetition rate

Off-grid demonstration prototype

The FDP Program has 2 primary goals:

Demonstrate at relevant power plant-scale, that fusion conditions can be practically achieved using General Fusion's MTF technology

Refine commercial fusion power plant economics and next steps based on actual FDP performance



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UK Hosts General Fusion's Fusion Demonstration Plant

The FDP will be hosted by UK Atomic Energy Authority (UKAEA) at the Culham Campus

Fantastic news that General Fusion is building a plant in the heart of UK fusion at Culham Science Centre! **Boris Johnson, Prime Minister UK, June 2021**

"We want General Fusion to become a central part of

the UK's fusion ecosystem, driving forward innovation

and research in this hugely promising field."

UK Government, January 2021

Strategic benefits

- FDP located at world's leading fusion research center
- Jointly funded collaborative R&D on key technologies
- Resources for FDP engineering and operations
- Preferred access to UK supply chain
- Construction starting in 2022 with FDP operations beginning in 2025

Strategic Implications

- Major technical and financial risk reduction milestone
- Presence in North America and Europe
- Funded by 3 governments









FDP collaboration agreement with UKAEA reinforces General Fusion's technology and business plan

CLEAN ENERGY. EVERYWHERE. FOREVER.™

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