



GX Acceleration Agency Invests in Kyoto Fusioneering Ltd.

August 24, 2026
GX Acceleration Agency

GX Acceleration Agency has decided to provide financial support to Kyoto Fusioneering Ltd. This support is expected to strengthen manufacturing capabilities and other key technology foundations for fusion energy deployment, contributing to future decarbonization, stable energy supply, and Japan's industrial competitiveness.

GX Acceleration Agency (GXA) has made an equity investment in Kyoto Fusioneering Ltd. ("Kyoto Fusioneering").

Kyoto Fusioneering is a startup engaged in the development, manufacturing, and engineering of key technologies for fusion energy plants, including plasma heating systems (gyrotrons), thermal cycle and fuel breeding systems, and fuel cycle systems, with the aim of realizing the social implementation of fusion energy.

This project supports the expansion and enhancement of its gyrotrons manufacturing capabilities and thermal cycle systems. Based on its technologies and collaboration with public research institutions and businesses in Japan and overseas, GXA determined that Kyoto Fusioneering can advance social implementation of fusion energy development, contributing to decarbonization, stable energy supply, and Japan's industrial competitiveness.

In addition, this project will also contribute to the promotion of fusion energy, which was designated as one of the strategic fields in Japan's Growth Strategy, approved by the Cabinet in July 2026.

1. Outline of the company

- 1) **Company Name:** Kyoto Fusioneering Ltd.
- 2) **Headquarters:** Distribution A Building, AW1-S, Tokyo Ryutsu Center, 6-1-1 Heiwajima, Ota-ku, Tokyo 143-0006, Japan
- 3) **Representatives:** Satoshi Konishi, Kiyoshi Seko
- 4) **Date of Establishment:** October 1, 2019
- 5) **Main Business:** Research and development of equipment and systems for fusion energy plants, and plant engineering

2. Policy Significance in Alignment with GX Policy

1) CO2 emission reduction

- Fusion energy is expected as a promising next-generation energy source that can enhance energy security while addressing global environmental challenges through carbon-free power generation and abundant fuel resources.
- If realized, fusion energy could serve as a stable power and industrial heat source that is not affected by weather conditions, contributing to decarbonization across multiple sectors.
- By supporting the business expansion of Kyoto Fusioneering, GXA expects to accelerate fusion energy deployment and contribute to CO₂ emissions



reductions in Japan and internationally.

2) Industrial Competitiveness and Economic Growth

- Fusion energy is seeing accelerated public- and private-sector R&D and industrialization worldwide, intensifying international competition in next-generation energy industries. The Government of Japan has also positioned fusion energy as a new industry and is promoting an industrial ecosystem through supply chain development and support for startups.
- Kyoto Fusioneering is developing core fusion energy equipment and systems applicable across reactor types, in collaboration with public research institutions and companies in Japan and overseas. The company's growth is expected to strengthen domestic supply chains and support overseas market expansion by generating ripple effects across Japan's key industries, including materials, precision processing, heavy electrical machinery, and plant engineering.

GXA will continue to actively support companies that accelerate GX projects, aiming to catalyze over 150 trillion yen in investment through strategic public-private partnerships.

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