

Japan Fusion Energy Council (J-Fusion) and The Fusion Cluster in the UK Sign Memorandum of Understanding (MoU) to Strengthen Collaboration in Fusion Energy

Japan Fusion Energy Council (J-Fusion) and The Fusion Cluster in the UK, have signed a Memorandum of Understanding (MoU) aimed at strengthening collaboration in the fusion energy industry between Japan and the UK. This MoU aligns with the bilateral cooperation agreement signed today between the Japanese and UK governments on fusion energy development. Through robust industrial collaboration, both countries aim to accelerate the realization and commercialization of fusion energy. For many decades, both Japan and the UK have led global efforts to develop fusion energy.

The MoU sets a strong framework for collaboration as J-Fusion and The Fusion Cluster commit to working together to achieve the following objectives:

- Promote mutual understanding and strategic collaboration in fusion energy development
- Facilitate cooperation between Japanese and UK industries
- Contribute to the development of a global-scale fusion energy ecosystem

To achieve these goals, the following areas will be addressed by the MoU:

- 1. Information and Knowledge Sharing**

Exchange of success stories, technical insights, regulatory trends, and market developments related to fusion energy.

- 2. Human Resource Development**

Promotion of highly skilled personnel through joint training programs, academic exchanges, and mobility initiatives.

- 3. Industrial Collaboration**

Identification and promotion of opportunities for joint research, supply chain integration, demonstration projects, and innovation partnerships.

- 4. Public Awareness and Stakeholder Engagement**

Joint efforts to enhance public understanding and support for fusion energy through outreach activities, events, and stakeholder dialogues.

- 5. Collaboration with Government Agencies**

Exploration of cooperative frameworks with relevant ministries, research institutions, and funding agencies in both countries.

Satoshi Konishi, Chair of J-Fusion said:

“We are thrilled to launch a formal partnership with The Fusion Cluster to advance the realization and industrialization of fusion energy. This collaboration reflects Japan and the UK’s shared commitment to open information sharing and strategic cooperation.

Together, we will drive progress through joint efforts in knowledge exchange, talent development, industry collaboration, public engagement, and coordination with government bodies.”

Valerie Jamieson, Development Manager at The Fusion Cluster

“We’re thrilled to formalise this partnership with J-Fusion. Connecting our two clusters will unlock practical collaboration—from sharing technical insights to driving industrial partnerships and engaging future talent. This memorandum of understanding turns shared goals into shared action.”

About the Fusion Energy Industry Council of Japan (J-Fusion)

J-Fusion was established in 2024 with the goal of industrializing fusion energy. Fusion energy, known for its excellent characteristics such as carbon neutrality, abundant fuel supply, environmental sustainability, and safety, is gaining attention as a next-generation sustainable energy source. J-Fusion promotes its social implementation and the creation of new industries.

Its members include private companies, universities, research institutions, and public organizations. J-Fusion engages in a wide range of activities including technology development through industry-government-academia collaboration, policy proposals, international cooperation, and dialogue with young professionals. It also conducts research on domestic and international fusion-related industry trends and works on standardization and safety regulations.

Website: <https://jfusion.jp/>

About The Fusion Cluster

The Fusion Cluster brings together businesses, academia, investors and government agencies to get to fusion faster. Since it was established in October 2021, it has grown from a handful of companies to more than 300 organisations working in fusion energy. The Fusion Cluster is funded by the UK Atomic Energy Authority.

Website: <https://thefusioncluster.com/>