



April 7, 2023

NEWS RELEASE

Investment in Nuclear Fusion Venture Helical Fusion Co., Ltd.

Mitsui Mining and Smelting Co., Ltd. (NOU Takeshi, President; hereinafter, “Mitsui Kinzoku”) has invested in Helical Fusion Co., Ltd. (Head Office: Chuo-ku, Tokyo; TAGUCHI Takaya and MIYAZAWA Junichi, Co-CEOs; hereinafter “Helical Fusion”). Aiming for the social implementation of nuclear fusion power generation, this company is the ninth company that Mitsui Kinzoku has invested in through its corporate venture capital fund (hereinafter “CVC”).

Centered on its purpose, “We promote the well-being of the world through a spirit of exploration and diverse technologies,” Mitsui Kinzoku is working to create new businesses that contribute to the establishment of a sustainable society by fusing the external powers (customers, partner companies, universities, etc.) with the company’s own strengths (core technologies/know-how/sales channels), and it is investing in promising international and domestic venture companies that can create business synergy with Mitsui Kinzoku through CVC.

Nuclear fusion power generation is a next-generation energy source that does not emit CO₂. The resources that are the fuel for this technology exist in large amounts in seawater. It is expected that this technology will be able to sustainably maintain a decarbonized society. As a recent recipient of CVC’s investment funding, Helical Fusion is engaged in technology development and the design of nuclear fusion reactors that are necessary for nuclear fusion power generation. It aims to achieve the social implementation of nuclear fusion power generation, which is expected to fundamentally resolve energy and environmental issues.

Following this investment, Mitsui Kinzoku will combine Helical Fusion’s nuclear fusion reactor technologies with Mitsui Kinzoku’s expertise to fully leverage material intelligence and broadly seek business opportunities in the areas of the environment and energy that help realize a carbon neutral society.

[Contact]

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[Reference]

Corporate Data

1. Company name:	Helical Fusion Co., Ltd.
2. Established:	October 2021
3. Location:	N&E BLD. 6F, Ginza 1-12-4, Chuo-ku, Tokyo, Japan
4. Representative:	TAGUCHI Takaya and MIYAZAWA Junichi, Co-CEOs
5. Business outline:	Design of commercial nuclear fusion reactors and technology development