

Tokyo Metropolitan Government Grants Clean Planet \$6.8 Million to Advance Quantum Hydrogen Energy

Grant supports development of a promising new source of clean and safe fusion energy

TOKYO — April 10, 2025 — Clean Planet Inc. announced that it has been selected for the Innovation Promotion Project for Achieving Zero Emission Tokyo (Zero Emission Category) implemented by the Tokyo Metropolitan Government. The grant of ¥1 billion (approximately \$6.8 million) will be used to advance and scale the company's clean energy modules.

The Zero Emission Tokyo Strategy, formulated in May 2019, aims to create highly impactful new businesses by subsidizing the expenses required for commercialization and market expansion of innovative products and services developed by start-up companies and small and medium-sized enterprises in Tokyo, contributing to the realization of Zero Emission Tokyo.

Clean Planet applied and was selected in the Zero Emission category for the development of a prototype Quantum Hydrogen Energy (QHe) heat generation device. QHe is a new source of clean and safe fusion energy that leverages the behavior of electrons within engineered nano-metal structures to enable fusion. Unlike conventional hot fusion, which requires temperatures around 200 million degrees Fahrenheit, QHe fusion occurs at just 1,500 degrees Fahrenheit, thanks to electron-mediated effects that lower the energy barrier for fusion. Since QHe is also safe and does not emit any radiation, it is gaining attention as a game-changer in the transition to a carbon-neutral society.

The company has obtained 117 patents in 23 countries worldwide through previous research, positioning it as a leader in the global development race in this field. Clean Planet is working on the practical application of heat generation technology independently developed within a collaborative research division at Tohoku University.

For more details on this project selection, please refer to the announcement from the Tokyo Metropolitan Government: <https://www.zeroemiinnovation.metro.tokyo.lg.jp/>

About Clean Planet Inc. www.cleanplanet.co.jp

Clean Planet is a clean energy company developing Quantum Hydrogen Energy (QHe), safe and efficient fusion energy technology based in Tokyo. In collaboration with Tohoku University and with a mission to realize a decarbonized society, Clean Planet aims to deliver innovative energy solutions on a global scale.

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<https://www.cleanplanet.co.jp/ja/contact/>