

ENECHANGE announces investment in Svante, an innovative carbon capture and removal company for hard-to-abate industries

ENECHANGE Ltd. (Head Office: Chuo-ku, Tokyo; Representative Director & CEO: Yohei Kiguchi; Representative Director & COO: Ippei Arita) is pleased to announce that it has invested in Svante through Japan Energy Fund's (JEF) Decarbonized Tech Fund managed by Japan Energy Capital.

Svante, a Canadian company, was founded with the goal to make carbon capture solutions for hard-to-abate industries. They offer non-intrusive end-of-the-pipe solutions for existing industrial infrastructure to deliver pipeline-ready CO₂ for safe storage at the giga-tonne (GT) scale.

This 318 million USD Series E funding round is led by Chevron, with participation from existing investors including OGCI and Temasek as well as new investors including our own Japan Energy Fund. The raised funds will be used to accelerate the manufacturing of Svante's carbon capture technology.



(Source: Svante)

Background

To reach net zero, we will need a wealth of solutions to help decarbonize our current industries, ranging from electric vehicles to innovative ways of capturing and storing carbon. In Japan, the Ministry of Economy, Trade, and Industry (METI) has set a target to advance technological development on a highly efficient CO₂ recovery method, realize low cost, and aim for practical use in 2050, particularly from direct air capture (DAC).* To reach this goal, significant investment is needed to ensure the technology is scalable and viable. Svante's carbon capture and removal technology presents strong future growth prospects, as well as the ability to capture CO₂ on a large scale with reduced investment – all key for oil and gas companies looking to move to the net zero future. Svante

was also recognized as one of the Honorees of ENECHANGE Insight Ventures in 2021, ENECHANGE's affiliated venture program.

* 'Green Growth Strategy Through Achieving Carbon Neutrality in 2050' (English version), METI, https://www.meti.go.jp/english/press/2020/pdf/1225_001b.pdf

About Svante's carbon capture technology

Since its founding in 2007, Svante has developed carbon capture and removal technology using structured adsorbent beds, known as filters. The size and cost of installing carbon capture technology has been a barrier to industry adoption. Svante's modular solid sorbent technology is designed to capture CO₂ from industrial flue gas. It then concentrates it into a high-purity, 95-percent pipeline-grade CO₂ to prepare it for storage or further industrial use. Its approach is tailored specifically to the challenges of separating CO₂ from nitrogen in diluted flue gas, which is typically emitted at low pressures, and in diluted concentrations. Svante's technology is targeted toward industrial decarbonization activities in fields including hydrogen, pulp and paper, lime, cement, steel, aluminum, and chemicals. Svante's filters are also available for direct air capture and carbon dioxide removal.

About Svante

Svante offers companies in emission-intensive industries a commercially viable way to capture large-scale CO₂ emissions from existing infrastructure, either for safe storage or to be used for further industrial use in a closed loop. With the ability to capture CO₂ from industrial sources and directly from the atmosphere in an environmentally sustainable way, Svante makes industrial-scale carbon capture and carbon removal a reality. Svante's Board of Directors includes Nobel Laureate and former Secretary of Energy, Steven Chu.

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

Comments

Yohei Kiguchi, Founder and CEO of Japan Energy Fund and ENECHANGE Ltd.:

We are very excited to announce our investment in Svante, and to see them develop even further since our initial connection through ENECHANGE Insight Ventures. With the need to decarbonize the atmosphere as quickly as possible, Svante offers a real solution to help us get there quicker. Considering the Japanese government's commitment to reaching net zero by 2050, we are confident that Svante's carbon capture technology will be able to revolutionize hard-to-abate industries in Japan as well.

Claude Letourneau, President and CEO of Svante:

I am thrilled to welcome Japan Energy Fund as an investor in Svante. We intend to leverage the JEF network across Japan to partner and expand to the Japanese market and to accelerate the deployment of our products worldwide to help decarbonize our society.

Decarbonized Tech Fund – Objectives and Investment Policy

The Decarbonized Tech Fund aims to accelerate the realization of a decarbonized society by investing in critical enabling technologies. The Fund primarily invests in climate tech that helps to decarbonize the grid (generation and demand side), electrify transport (e.g., electric vehicles and surrounding infrastructure) and capture carbon. The Fund identifies leading overseas ventures to invest in, prioritizing those that have the potential to accelerate the decarbonization of the Japan.

Website: <https://www.japanenergyfund-ventures.com/>

Japan Energy Fund - Summary

Fund name	Japan Energy Capital 2 L.P. (“Decarbonized Tech Fund”)
Date of establishment	September 30, 2021
Investment method	Capital call method
Investment target	Energy tech ventures from overseas
Fund target size	50 million US dollar
Operation period	Until September 2031
General partner	Japan Energy Capital limited liability company
Limited partners *December 1, 2022	ENECHANGE Ltd. BIPROGY Inc. (formerly Nihon Unisys Limited) Toshiba Energy Systems & Solutions Corporation Sumitomo Mitsui Trust Bank, Limited

About ENECHANGE Ltd.

ENECHANGE is an energy technology company with the mission of *Changing Energy For A Better World*, and promotes a carbon-free society through digital technology. Founded in 2015 and listed on the Tokyo Stock Exchange Mothers in 2020 (securities code: 4169), ENECHANGE works in the 4Ds of Energy: Deregulation, Digitalization, Decarbonization, and Decentralization. We offer a range of SaaS solutions for energy companies and are experiencing rapid growth. Our company’s roots come from an energy data lab at the University of Cambridge, U.K., a country where liberalization is mature. ENECHANGE has a U.K. subsidiary, SMAP Energy Limited, which has developed analytical technology for energy data and provides us with links to a global network.

URL: <https://enechange.co.jp/en>

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Note: The purpose of this press release is not to provide investment management services or to solicit specific investment products from ENECHANGE Ltd., BIPROGY Inc., Toshiba Energy Systems & Solutions Corporation, or Sumitomo Mitsui Trust Bank, Limited.

This press release does not constitute a solicitation by ENECHANGE Ltd., BIPROGY Inc., Toshiba Energy Systems & Solutions Corporation, or Sumitomo Mitsui Trust Bank, Limited for any of the aforementioned funds.