

News Release

Kanadevia
Technology for people and planet

Kanadevia Corporation

September 2, 2025

Order for Sakata district local government association sludge regeneration center Furthering resource circulation and environmental impact reduction in one city and two towns in northern Yamagata Prefecture

Recently, a business group representing Kanadevia Corporation (“this group”) has accepted an order from the Sakata district local government association, which represents the municipalities of Sakata, Shonai, and Yuza in northwestern Yamagata prefecture (manager: mayor of Sakata, Akiko Yaguchi) to use DBO (Design, Build, Operate) to establish the facilities for a sludge regeneration center.



[Completed facility rendering]

The existing sewage treatment facility began operations more than 30 years ago, and in addition to signs of deterioration becoming apparent, the amount of material processed has decreased and the characteristics of output has changed. For that reason, putting environmental conservation at the forefront, in addition to the sewage treatment processes that have been employed up until now, we have advanced the sludge regeneration center development project to promote recycling of resources.

The current venture is to establish a sludge regeneration center beside the existing sewage treatment facility. After operations begin in 2028, administration of management/maintenance will continue for 15.5 years. The new facility will process 47 kl per day (7 kl of sewage, 39 kl of septic

tank sludge, 1 kl of agricultural drainage sludge), using combustion to convert sludge to auxiliary fuel.

In the order for the facility, the efficiency of indoor workflow, organizational framework of construction works, treatment stability, and suggestions to help the local region are highly valued.

Using the highly-skilled engineering that the company has fostered for many years, we have supplied a large number of processing/recycling systems. In this matter, too, alongside the sanitary processing of sewage, we will also focus on recycling local resources and environmental impact reduction. Furthermore, our facility will stimulate the local economy.

The outline of this matter is as follows:

1. Client: Sakata district local government association (manager: mayor of Sakata, Akiko Yaguchi)
2. Venture name: Sakata district local government association sludge regeneration center
3. Vendor: Representative company Kanadevia Corporation, Sendai Office
Member companies MINATO CO., LTD.
Ataka Asano Co., Ltd., Sakata business office
Kansei Kogyo, Inc.
Cooperating companies TOHOKU DENKITEKKO CO., LTD.
MECHANIC Inc.
Tohoku Environmental Development Co., Ltd., Sakata
branch office
4. Construction site: 3-133 Koei-cho, Sakata-shi, Yamagata
5. Processing power: 47 kl/day (7 kl of sewage, 39 kl of septic tank sludge, 1 kl of agricultural drainage sludge)
6. Processing methods: Treatment facility Dewatering, dilution, then discharge into the sewage system
Recycling facility Sludge-to-auxiliary fuel
7. Term of venture: Sep. 2025 – Sep. 2028 Planning/construction
Oct. 2028 – Mar. 2044 (15.5 years)
Administration/maintenance and management
8. Cost of order: 4,090,400,000 yen (tax excluded)