

Day2

Title : 4. Public Private Partnership on Waste Management in Japan

(1) A Japanese Technology for Improvement of Solid Waste Management in Africa

Introduction of "Johkasou" Contribute to African Clean City

Speaker :

Mr. Takuya Katagiri, Global Business Division, Daiki Axis Co.,Ltd.

Summary

Daiki Axis has 60 years' experience in the field of water treatment. "Johkasou", which is Japanese decentralized wastewater treatment system, is our main product. We have factories in Japan and Indonesia and are going to have two more new factories in China and India in 2018. We are interested in African market to expand our business and set up an official distributor in Kenya.

"Johkasou" is decentralized outside domestic black and grey wastewater treatment system, which was developed in Japan and has been improving since 1960s. The running cost is low because wastewater is treated efficiently by the combination of anaerobic and aerobic system.

Our "Johkasou" has several types depends on inflow capacity, standard type is 1m³/day to 100m³/day. The water quality of treated waste water is lower than 20 mg/L in BOD, which means that 90% in BOD of wastewater is removed.

The system was installed on the apartment project in Kenya. The capacity was 60m³/day. It was successfully functioning. We have a plan in Kenya to manufacture our product and also to construct a treatment plant for sludge produced by "Johkasou". We have no doubt that our system can contribute to improve domestic wastewater issues in Africa.

<Q&A>

How does the Johkasou cost compare with traditional septic tanks?

What's the timeline for establishing the business in Kenya?

Isn't overload a problem with the proposed system of Johkasou?

How does the system work to deal with the possible overloading issue?

Is the technology ISO certified?

It was suggested by the moderator that, for the answers to the questions, one-on-one meeting could be held during the coffee break since the questions were quite specific.