



Projektmitteilungen

## **Mitsubishi Heavy Industries receives Order to build Waste-to-Energy Plant in Kawasaki, Japan**

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Mitsubishi Heavy Industries Environmental & Chemical Engineering Co., Ltd. (MHIEC) has received an order from Kawasaki City, Japan, to build its Tachibana Waste-to-Energy Plant, a municipal solid waste incineration plant in Kawasaki's Takatsu District. The order is a joint venture project with Taisei Corporation, and is valued at 29.8 billion yen (approx. USD 280 million). Completion is scheduled for September 2023.

The existing facility will be rebuilt as a stoker type incinerator\* with a total waste treatment capacity of 600 tonnes per day. The Tachibana Waste-to-Energy Plant had operated for around 40 years, but the facilities have aged and the incineration plant ceased operations in March 2015. The Waste-to-Energy Plant subsequently closed in 2016. The current facilities will be dismantled and removed, and construction will begin on the new center. The new municipal solid waste incineration plant will comprise three stoker type incinerators, each with a capacity of 200 tonnes per day, as well as other related equipment. MHIEC acquired MHI's waste treatment plant business in 2008, incorporating MHI's environmental protection systems technology, as well as its broad expertise in the construction and operation of waste management facilities in Japan and overseas. Based on its strong track record, MHIEC is well positioned to provide comprehensive solutions for plant construction and operation. MHIEC will pursue further orders by building new advanced Waste-to-Energy plant that contribute to the formation of a resource-recycling society, enhancing the energy efficiency

and stable operation of existing plants, and providing solutions that lower operation, maintenance and other lifecycle costs.\*Note: A stoker furnace is the main type used at municipal solid waste incineration plants. The solid waste is combusted as it moves along on a fire grate made of heat-resistant castings.