

Dowa Eco-System Completes One of the Largest Intermediate Processing Plants for Industrial Waste in Japan (New Incinerator at Eco-System Chiba)

TOKYO, April 6, 2009 – Dowa Eco-System Co., Ltd. (Address: 4-14-1 Sotokanda, Chiyoda-ku, Tokyo; capital: 1 billion yen; President: Yoshito Koga), a subsidiary of Dowa Holdings Co., Ltd. (Address: same; capital: 36.4 billion yen; President: Masaki Kohno), completed in March 2009 one of the largest incineration plants for industrial waste in Japan, which had been under construction at Eco-System Chiba Co., Ltd. (Address: 1-1-51, Nagaurataku, Sodegaura-shi, Chiba; capital: 90 million yen; President: Kazumasa Tezuka), as a core base for its industrial waste processing operations. Trial operation of the plant started today with authorization secured in advance from prefectural, municipal and other administrative authorities. Dowa Eco-System plans to operate this facility on a trial basis to prepare for a full-scale operational launch in the future.

This plant is equipped with one of the largest capacities for incinerating industrial waste in Japan (600 tons per day). The facility also offers high energy saving effects, with the recycling of thermal power generated by steam released from waste heat boilers (generation capacity for 4,000 kilowatts). Operating in combination with the existing facility (processing capacity for 240 tons per day), the new processing plant will be able to incinerate approximately 23,000 tons of industrial waste per month. The incineration volume will make Eco-System Chiba one of the largest processing business facilities in Japan. Dowa Eco-System will address the need to process a wide variety of industrial waste with the plant by taking advantage of the expertise it has accumulated through its waste processing operations, and will equip the plant with the capacity needed to meet such recycling demands as thermal recycling and the recycling of cinder materials.

Facility outline

Ground area:	about 50,000 m ² (31,000 m ² for the new incinerator and 19,000 m ² for the existing incinerator)
Method:	rotary kiln
Processing capacity:	840 tons per day (600 tons per day for the new incinerator and 240 tons per day for the existing incinerator)
Processing items:	(Industrial waste): A total of 18 items including sludge, waste alkalis, waste acids, waste oils, cinders, dust and waste plastics (Industrial waste subject to special control): Waste alkalis, waste acids, waste oils, infectious industrial waste and industrial waste specified as toxic (waste alkalis, waste acids, waste oils, sludge, cinders, dust and slag cement containing toxic substances)



The DOWA Group is undertaking waste processing operations nationwide, with a focus on its intermediate and final processing bases in Akita Prefecture, Chiba Prefecture, Okayama Prefecture and Kita Kyushu City. The latest buildup at Eco-System Chiba will strengthen Dowa Holdings' operations in the Kanto region, which generates the largest volume of industrial waste in Japan. A Group-wide organization for processing approximately 1 million tons of industrial waste a year will be established with the plant.

Positioning environmental and recycling operations as its core businesses in the ongoing reforms of its business structure, Dowa has invested intensively in these operations to this point. Continuing with this policy, Dowa will accelerate the investment of management resources in the operations under its new medium-term management plan started in April 2009 (covering the period from fiscal 2009 to fiscal 2011), to achieve its target of becoming the top environmental and recycling company, not only in Japan but throughout Asia.