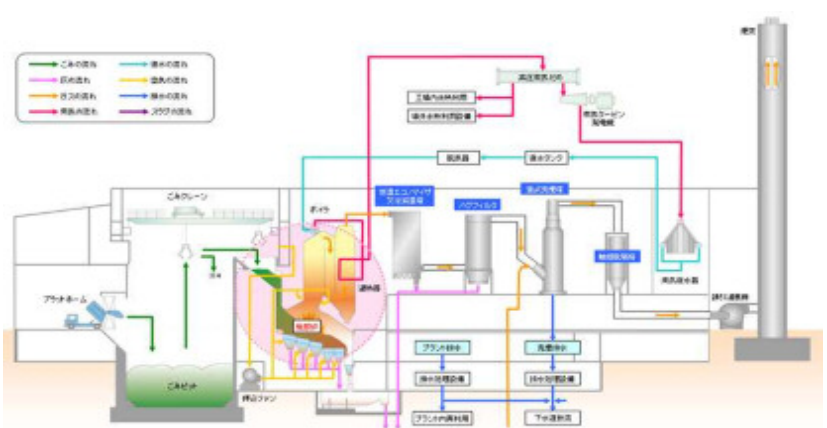


Kawasaki Green Innovation Cluster Member Information		Management Number	Section Number	Company
Business Classification	Solid Waste and Recycling			
Business Field	Design and manufacture of environmental conservation equipment			
Company/Organization Information	Company Name	日立造船株式会社		
	Company Name (EN)	Hitachi Zosen Corporation		
	President	Takashi Tanisho		
	Address	7-89, Nankokita 1-chome, Suminoe-ku, Osaka 559-8559, Japan		
	Contact	+81-3-6404-0800 (Headquarter, Second Division, Plant Busines Promotion dep.)		
	Capital	Jyen 45,442,365,005 (20 September 2017)		
	No. of Employees	10,3000 (Consolidated, 30 September 2017)		
	E-mail	nishino_sa@hitachizosen.co.jp Headquarter, Second Division, Plant Busines Promotion dep.		
	Website	http://www.hitachizosen.co.jp/		
	Branches/ Agencies	Japan Tokyo Headquarter, Osaka Headquarter and other offices Overseas Hitachizosen Inova, Osmoflo, Hitachi Zosen Trading (Shanghai) Co., Ltd. and others		
Business Activities, Messages and Others	Business Activities	<p>Established in 1881 as Osaka Ironworks Co., Ltd., and then transformed to Hitachi Zosen Corporation, we provide a wide range of services with a focus on environmental business.</p> <p>The main products/service include the followings: Design and manufacture of environmental conservation equipment, plant, water treatment equipment, machinery, process equipment, infrastructure equipment, disaster prevention system, precision machinery etc. "</p>		
	Message/ Other	<p>We are consolidating overseas business operation with a focus on environmental sector. We have business interest in JICA's studies, grant aid scheme, JCM scheme. We are willing to build business networks through various sessions and business meetings to enhance business opportunity.</p>		
	Examples of Products	<p>1. Environmental business · Waste incineration/power generation, water treatment plant, methane fermentation plant, wind power generation etc.</p> <p>2. Social infrastructure business · Bridges, flood gates, shields, GPS devices, etc.</p> <p>3. Machinery business · Marine engines, precision instruments, pressure vessels, etc.</p>		

Kawasaki Green Innovation Cluster Product Technology Information		Management Number	Section Number	Company
Business Classification		Solid Waste and Recycling		
Business Field		Design and manufacture of environmental conservation equipment		
Company Name		Hitachi Zosen Corporation		
Product/Technology		Waste Incineration/Power Plant		
Overview of Products/Technologies	Features	<p>"By incinerating waste, it enables sanitary disposal of waste and concomitant recovery of residual heat as energy source to generate power. We have offered service over 50 years to meet diverse needs of our clients.</p> <ul style="list-style-type: none"> · Hitachi Zosen Group Worldwide Over 900 track record, No.1 in the World · World's largest (5,000 t / day) track record 		
	Keywords	waste disposal, waste incineration/power generation, renewable energy, green,		
	Price			
Detailed Information about Products/Technologies	Details	Waste is incinerated by a combustion device referred to as fire grate, and ashes generated in the incineration process is disposed of. The heat energy generated by the incineration is recovered by a boiler as steam energy to generate electricity by a turbine / generator. The recovered energy is used as important energy in the surrounding facilities in addition to the on-site consumption.		
	Capabilities	"50-1000 t / day -We are able to design and construct small to large-scale incinerator. 5,100 t / day at the maximum		
	Cost	Design, procurement, construction, commissioning instruction cost		
	Life cycle	20 to 25 years or more		
	Remarks			
	Pictures relating to products and technologies	 <p style="text-align: center;">Stoker-type incinerators Flow</p>		
Advantages	Patent and award history	<ul style="list-style-type: none"> · Grate structure of waste incinerator (Registration No.335899) · Holding many patents such as exhaust gas treatment equipment (registration No. 6103957) etc. · Optimum reaction control type highly efficient non-catalytic denitrification device (NeoSNCR) received a award of the Director General of Natural Resources and Energy Agency (2015) " 		
	Examples of use (Domestic and overseas)	· Hitachi Zosen Group has proven track record with 900 contracts worldwide, ranked as No.1 in the World		