Treatment of Municipal Waste by Kitakyushu City



Features of Treatment of Municipal Waste										
	Co M	Const. & Maintain Cost		Operating Technology		ig gy	Cap. Of Iandfill	Amount of recycle	Recovered Energy	Concerning Subjects
Sanitary landfill	L		7	Z		7	many	∆ Scavenger	×	Short time of treatment Need wastewater treatment after discontinued Generate of Methane (Fire, Global warming
Methane fermentation •Power		w					Reduce kitchen waste	O Methane/ Compost	O Low heat & Power	 Separate treatment for plastics Long period of time to treat ⇒ Large facility Low calorific generated gas
Incineration (8 hr Operation)		1			1		Appox. 1/6	∆ Iron, etc	×	Need flu gas treatment system
Incineration (16 hr Operation)							Appox. 1/6	∆ Iron, etc.	∆ Only heat	 Need flu gas treatment system
Incineration/Power generation (24 hr Operation)							Appox. 1/6	∆ Iron, etc.	O Many of Heat & Power	Need flu gas treatment system Higher maintenance cost for Facility
Incineration/Melting /Power generation (24 hr Operation)			7	7		7	Appox. 1/2 or Zero	O Slug/Metal	O Many of Heat&Power	Need flu gas treatment system Higher maintenance cost for Facility





Transition of Waste Treatment in Kitakyushu City



Green Frontier

Waste of Kitakyushu City & Direction of Resources





GreenFrontier/

GreenFront Waste Incineration Facility in Kitakyushu City

