

# Introduction of high efficient waste processing facility under Integrated Waste Management plan in Chiang Mai, Thailand Province (Kitakyushu- Chiangmai Cooperation Project /Waste Sector)

## EX Research Institute Limited

### MOEJ: FY 2017 inter-city collaboration project to create a low-carbon society (2017)

This study is implemented with the purpose of improving the waste management system in Chiang Mai province through (1) the promotion of 3Rs activities and (2) appropriate waste processing and disposal by accelerating proper infrastructure development. City of Kitakyushu introduces their experience and know-how in waste management to local authorities in the province, and conducts the feasibility study on the projects of Waste to Energy plant (WtE) and Biogas Digester with Japanese companies.

Activities	①Promotion of Waste to Energy to be introduced in the province (WtE)	②Promotion of biogas collection and utilization unit to be introduced in the province
Outline	WtE plant for wastemanagement centres in large scale, such as a plant with capacity of 500 tons/day combustion + 8MW power generation for the landfill located in the southern part of the province	Biogas plant for waste management centre in small size
Technology to be installed	Waste to Energy Plant	Anaerobic Digester

【①Waste to Energy Plant】



【②Anaerobic Digester (Container Type)】

