

# Program for Promotion of Waste-to-Energy Technology in Davao City

## Nippon Steel & Sumikin Engineering, Kitakyushu Environmental Preservation Association

JICA: Collaboration Program with the Private Sector for Disseminating Japanese Technology (FY 2014-2015) 54

### <Project Overview>

Davao is the central city in the south section of the Philippines and is facing issues of increased waste generation due to the expansion of economic activities and reducing pressure on final disposal sites. Therefore, this project aims to implement a “waste-to-power project” with the aims of both achieving significant reductions of waste and using this energy. Surveys will also be carried out on waste treatment situations and related legal systems.

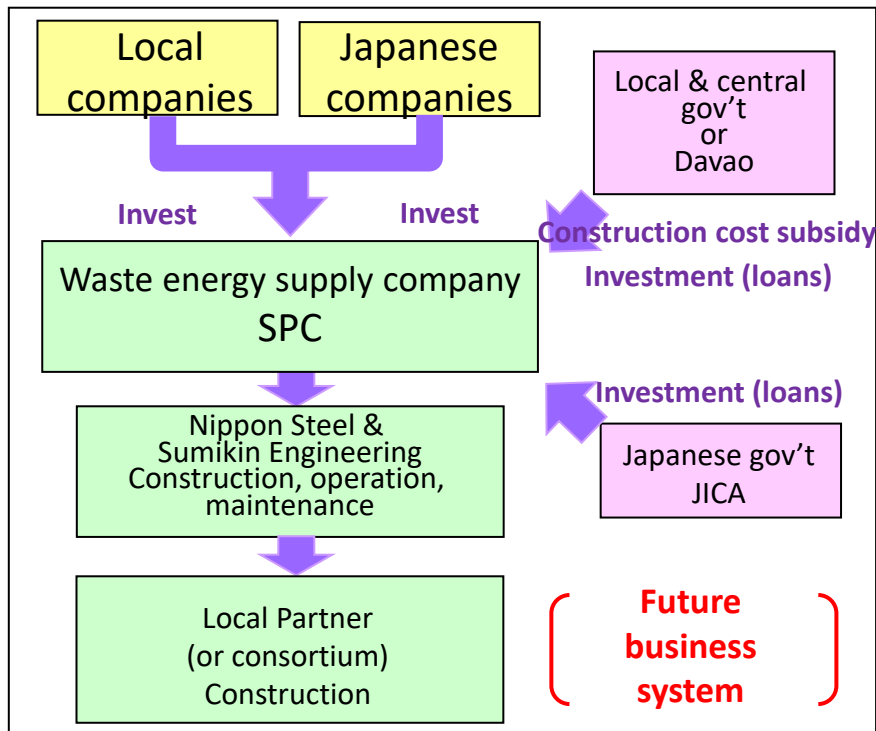
### <Project Implementation System>

#### 【Nippon Steel & Sumikin Engineering】

- Discussions & negotiations with local stakeholders in relation to the business plan
- Program support in accepting trainees to Japan

#### 【Kitakyushu City & Kitakyushu Environmental Preservation Association】

- Guided management for studies on waste volume and quality, recommendations for waste policies
- Formulation and implementation of programs for people visiting Kitakyushu



#### Stoker-incineration furnace

- Can respond to large-scale waste treatment needs (minimization)
- Large-scale, high-efficiency power generation is possible with the use of waste.

