

# “Project Formulation Survey” Under Governmental Commission for ODA Overseas Cooperation in FY2012 Republic of the Philippines, Cebu City, Feasibility Study on Establishing a Resource Recycling Enterprise

## SMEs and Counterpart Organization

- Name of SME : Mansei Recycle Systems Co., Ltd. ▪ Carbon Free Consulting Corporation Joint Venture
- Location of SME : Yokohama City, Kanagawa Prefecture
- Survey Site ▪ Counterpart Organization : Inayawan Sanitary Landfill ▪ Cebu City Department of Public Services

## Concerned Development Issues

- Population growth has resulted in an increase in waste generation
- Despite attempts to build a new landfill, there is a lack of progress due to conflicts with the local community
- Waste plastic is not sufficiently being utilized for recycling

## Products and Technologies of SMEs

- Waste Recycling Technology
  - waste plastic based fuel technology
  - wood-chip based fuel technology
- Waste Management Technology
- Expertise on operation of Intermediate Processing Facilities

## Proposed ODA Projects and Expected Impact

- ODA project commercialization by constructing intermediate treatment facilities for waste plastic recycling
- [Expected Impact] ① Stimulate recycling business ② Reduce amount of landfill waste through recycling ③ Reduce burden on final landfill site ④ Create jobs for scavengers ⑤ Improve the environment

## Future Business Development of SMEs

- Organize a consortium of Japanese companies with superior waste management expertise and export their technologies

