



Sustainable Management Activities in Kitakyushu Eco-Town

MUTO Yoshihiro

Office for International Environmental Cooperation,
Environmental Bureau, City of Kitakyushu

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Kitakyushu and Asia



First blast furnace in Asia (Completed in 1901)



Bringing Back Clean Environment



Polluted 1960s



Present Environment



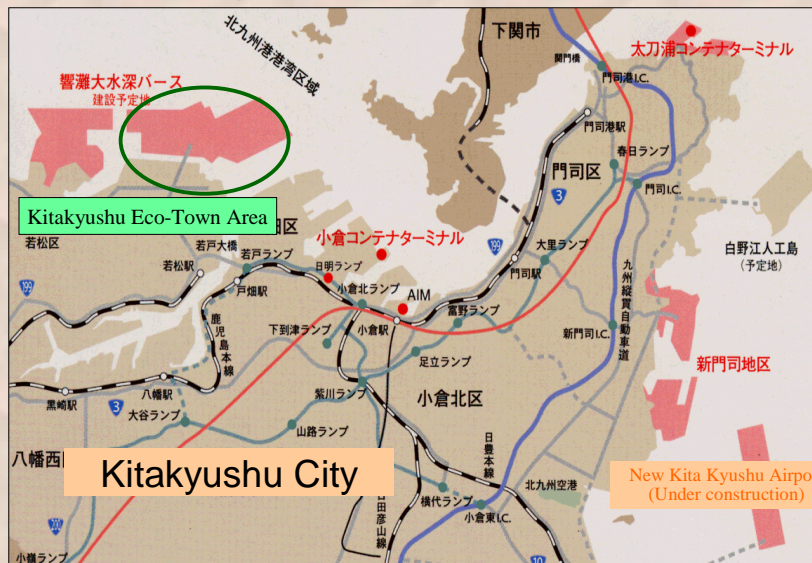
International Cooperation



Trainees Received : 1,233 people from 87 countries
Experts Dispatched : Over 94 people to 25 countries

City of Kitakyushu

Kanmon Strait and Kitakyushu Eco-Town Area



City of Kitakyushu



Plastic PET bottle recycling facility



- According to the “Containers and Packaging Recycling Law”, PET bottles separately collected by municipalities are recycled to produce recycled PET resin that is used as raw material for fiber
- Project leader: Nishinohon PET-Bottle Recycle Co., Ltd. (invested by Nippon Steel Corp., Mitsui & Co., Ltd., Nippon Steel Transportation Co., Ltd., Nippon Express Co., Ltd., Sankyu Co., Ltd. and the City of Kitakyushu)
- Operation commenced in July, 1998
- Processing capacity of approx. 18,000 tons/year
- Project with eco town subsidies of the Ministry of International Trade and Industry

 City of Kitakyushu

Office equipment recycling facility



(Plant)



(At work)

- Used office equipment (copying machine, facsimile, printer, and PC) are dismantled, separated and recycled raw materials.
- Project leader: Recycle Tech Co., Ltd. (Invested by Shinryo Corporation, Ricoh Co., Ltd.)
- Operation commenced in April 1999
- Processing capacity of 450 tons/month (copying machine: approx. 3,600 per month, facsimile: approx. 5,400 per month)
- Project with eco town subsidies of the Ministry of International Trade and Industry

 City of Kitakyushu

Used automobile recycling facility



(Plant)



(At work)

- Used cars are recycled with an improvement in the recycling rate and the promotion of proper treatment of oils and CFCs, producing quality scrap by advanced technology of dismantling and separation.
- Project leader: West Japan Auto Recycle Co., Ltd. (invested by Yoshikawa Kogyo Co., Ltd., Mitsui & Co., Ltd., Nippon Steel Corp., Nippon Steel Transportation Co., Ltd., Kyushu Metal Industry Company)
- Operation commenced in February 2000
- Processing capacity of 18,000 cars/year
- Project with eco-town subsidies of the Ministry of International Trade and Industry



Home appliance recycling facility



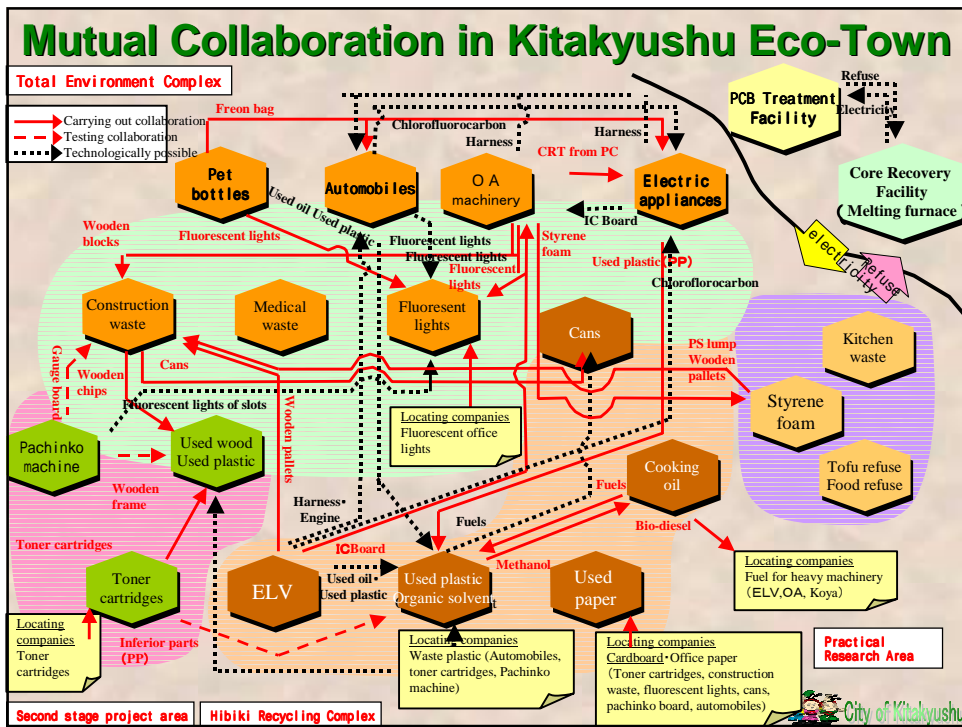
(Plant)



(At work)

- According to the "Home Appliance Recycling Law," electrical household appliances (TV sets, refrigerators, washing machines, air-conditioners, and freezers) are dismantled and separated to a high degree, producing quality recycled raw materials.
- Project leader: Nishinohon Kaden Recycle Corporation (Invested by Toshiba Corp., TERM Corp., Matsushita Electric Industrial Co., Ltd., Hitachi, Ltd., Mitsubishi Electric Corp., Sanyo Electric Co., Ltd., Sharp Corp., Sony Corp., and Fujitsu General Ltd.)
- Operation commenced in April 2000
- Processing capacity of approx. 700,000 per year
- Project with the eco-town subsidies of Ministry of International Trade and Industry





Composite Core Facility

[Facilities (Perspective)]

- Waste after thorough recycling by Eco-Town companies, industrial waste such as shredded waste are treated and recycled.

Energy generated during waste treatment is efficiently used to supply electric power to recycling facilities in the complex.

Operated by: Kitakyushu eco energy Co. Ltd. (invested by Nippon Steel Corp., Mitsui & Co., Ltd., Kyushu Electric Power Co., Inc)

Due to open: March 2005

Capacity : 320 t/day Output : 14,000kw

City of Kitakyushu

