

# Implementation Plans for 2011 of the Environmental Protection Department of Taipei City Government

- Source: Department of Environmental Protection, Taipei City Government
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## I Mission

- 一、With the aims of improving air quality, reducing complaints about noise, mitigating global warming, and upgrading quality of life, DEP Taipei takes measures to prevent and reduce the negative impact of development projects so as to achieve the objective of environment protection.
- 二、In order to assure the better water quality, the more water affinity facility, wonderful river bank landscape and complete leisure space during the process of metropolis renewal and river renovation, it should be noted that to promote construction, program and project about Tamsui River System by the concept and method of controlling watershed areas and then let the public feel river was part of life.
- 三、Remove the Neihu garbage hill to solve the problem that it intrudes the stream way of Keelung river, and hence to promote the land usage of non-watercourse area.
- 四、In order to maintain excellent quality of the environment and assure the health of citizens, Department of Environmental Protection Taipei City Government incinerate MSW of Taipei city properly and also solve the problem of waste disposal Permanently.
- 五、To well recycle household kitchen waste, reduce the amount of households waste, achieve resource recycling and reuse, and achieving the goal of sustainable.

## II Vision

- 一、Build up a sustainable low-carbon city, and create living environment with sustainable development.
- 二、To create a “good quality, good landscape, good Amusement and rest” environment of international city for all of citizen。

- 三、 By the works of Neihu garbage hill removal that will be finished in the December 2012, the DUD (Department of Urban Development) will have a plan to arrange some recreation area and park to add the recreation spaces for citizens。
- 四、 Garbage disposal through the modern incinerating technique can achieve the goals of refuse reduction, stabilization, resource recovery and sanitation, display the function of compensating facilities as well as sustain the best condition of refuse disposal and maintenance to assure the electricity quality of incineration, dedicate to save the energy and resource and promote management efficiency of environment.
- 五、 To realize the policy of “Total Recycling, Zero Landfill” , achieve the vision of “Total Recycling, Zero Waste” .

### III Strategies

#### 一、 Clean air and Low noise, Taipei Better:

DEP Taipei aims to promote audit of vehicle exhaust and oil in 4 northern counties, implement emission reduction on catering and provide guidance, raise campaign of 5S in construction projects, impose restriction on working at night in specified area and period, offer assistance and guidance to improve environment noises in business premises, factories (plants) and construction sites, reduce and settle complaint cases about noises, identify and evaluate buildings with radioactive contamination which should be torn down for reconstruction, deal with the radiation pollution in buildings.

#### 二、 Challenge to low-carbon and energy saving:

DEP Taipei intends to push greenhouse gas reduction, identify the potential of emissions reduction and baseline data, update information on greenhouse gas emissions, encourage private enterprises work towards carbon reduction, held competition of "Taipei Gold Award for Energy Saving ", promote low pollution vehicles, carry out "Low-Carbon Community Projects in Taipei ", set up "Consulting task force in Energy Saving " to promote carbon reduction in communities.

#### 三、 With Taipei City and New Taipei City are working together, Tamsui River will be clean:

Enhance cooperation of Taipei City and New Taipei City to renovate Tamsui River system, and improve water quality substantially; By assisting the waste water treatment plants of the Sewage Systems Office to achieve the suggested best operation and increase the efficiency of waste water treatment, the burden of the river can be reduced and continue to promote progress of sewers connection; To carry out the plan for source of water pollution in Taipei City, improve the wastewater

treatment facilities efficiency of permitted industrial units and community to meet the discharge standard; Wastewater treatment by wet-land method in Guandu park, improve water quality by Ecological Engineering Methods; A plan for organizing and training volunteers to patrol rivers; To hold education and training of water environment, and experience the renovation achievements of Taipei City River Cruise.

#### 四、Garbage hill removal:

In order to solve the land-filled garbage invasion into Keelung river's stream way and pollution to the nearby area, we will continue to promote the project that aimed on the cleaning the Neihu garbage hill which restarted on March 2009. By means of sorting, resource recycling, recovering of the soil, rocks, and resources from the bury layer of garbage hill, and sending the combustible wastes to the incinerators to recover the heat energy, the target of resource reuse and wastes reduce could be achieved.

#### 五、Citizens Recycling Participate Program :

Following the enforcement of a wide range of resource recycling tasks and measures, strengthened efforts for complete implementation have been undertaken, which are described as below. First, actions have been made to the advocating and education of the general public in the City, who are encouraged to put resource recycling into daily practice. Besides, the program on the registration, control and check of resource recycling dealers has been carried out. Moreover, at least one on-site inspection on sanitation and hygiene of the recycler' s storage sites has been made on a weekly basis. Apart from the inspection, details and total volume of the recycled items of the previous month should be reported. Furthermore, to respond to the latest announcement by the Environmental Protection Administration, Executive Yuan, more waste items are to be included in the recycling work. Finally, the recycling, reuse and vending of the waste furniture was continuously attended to so that there will be less giant wastes, which in the long run can attain the goals of garbage reduction and resource recycling.

#### 六、Clean, comfortable and high class public toilet in Taipei City:

We hope that the method of investigation used can improve each management unit in order to improve public toilet that once received scores of B or B- to receive grades of A or better. We will continue to promote the public toilet hygiene investigation and improvement plan so that we can then select the good and poor public toilets in order to encourage the management units of the good public toilet to receive recognition for their work and become a model for their work and become a model for other units. We hope the management units responsible for public toilet which receive poor grades can improve their hygiene in order for all public toilet in the city to be outstanding.

#### 七、To keep the place clean:

We will keep protecting and improving the environment of Taipei City. Our work includes cleaning the streets and the sites where people throw their trash at random and cleaning the foyers, ditches, dog' s poos, graffiti. In addition to that, we take action to tow the abandoned cars away in order to keep the environment clean.

Further, we arrange the district cleaning crew to inspect and to clean the environment of Taipei City. We not only work closely with the other official departments and the environmental volunteers to create better places, but also offer the cleaning reward to the reporters to encourage people to protect the environment together.

Moreover, we make various activities, such as posters, scrolling texts and broadcasts, to build the awareness of environmental protection in the communities in order to improve the environment of Taipei City.

#### 八、Implementation of environmental impact assessment system:

To prevent and mitigate the environmental impact of development activities, Department of Environmental Protection reviews and supervises major development cases in Taipei City in compliance with Environmental Impact Assessment Laws and Regulations to achieve the purposes of environmental protection.

#### 九、Reuse of kitchen wastes:

Continuously ask the citizens to classify the kitchen wastes into “pig-feed kitchen waste” and “compostable kitchen waste” . The collected pig-feed kitchen waste will be sold to qualified pig farmers for pig feeding. The collected compostable kitchen waste will be sent to qualified composting factories to make ferment finished products. Furthermore, set up the kitchen waste steamed pre-process test facilities and dry facilities, and modify the areas of post ferment products. With multiple researches to modify the process of ferment kitchen waste, enhance productivity of ferment products to accelerate the process speed, the goal of well reuse of recovered kitchen wastes could be achieved.

### Project to promote with top priority:

- 一、Challenge to low-carbon and energy saving
- 二、With Taipei City and New Taipei City are working together, Tamsui River will be clean:
- 三、To keep the place clean: