

Implementation Plans for 2012

Department of Environmental Protection

I. Mission

To continue the policies of improving air quality, reducing noise pollution, low carbon and energy savings, improving water quality, and reducing pollution. To actively increase the removal of garbage hills, resource recycling, kitchen waste reuse, and maintain the cleanliness of the city in order to provide a better quality of living for the citizenship and to achieve the goal of environmental protection.

II. Vision

To build a sustainable, low carbon, ecologically vibrant city with new rivers, new riverbanks and shores, and new landscape. To achieve reduction, hygienic, and resource targets in waste management with modern incineration technology. To maintain the highest quality waste management system. To ensure the quality of waste incineration and electric generation, managing and saving resource and energy and to promote efficient environmental management. To realize Total Recycling, Zero Landfill and to achieve Total Recycling and Zero Waste.

III. Strategies

1. Clean Air for Taipei: To push for the collaboration between the four northern counties in vehicle emissions and oil inspections and to implement emissions reduction for the catering industry and provide guidance. Restrictions on nighttime construction to avoid affecting the noise quality of the environment and to provide noise pollution guidance for business premises, factories, and construction sites to reduce cases of noise complaints. In addition, radioactive building materials shall be classified and evaluated for improvement or removal in an effort to manage radioactive pollution on buildings.

2. Low Carbon, Saving Energy: To build a sustainable, low carbon, ecologically vibrant city with new rivers, new riverbanks and shores, and new landscape. To achieve reduction, hygienic, and resource targets in waste management with modern incineration technology. To maintain the highest quality waste management system. To ensure the quality of waste incineration and electric generation, managing and saving resource and energy and to promote efficient environmental management. To realize Total Recycling, Zero Landfill and to achieve Total Recycling and Zero Waste.

3. Cleaning Tamsui River: To continue to reinforce cooperation between Taipei and New Taipei City in efforts to clean up Tamsui River in order to improve its water quality. In addition to the Sewage Systems Office's efforts in constructing and improving the sewer system, water pollution inspection plans will be implemented. Guidance for sewage treatment for businesses and communities will be provided. Water quality will also be improved through ecological engineering methods in the operation and maintenance of the artificial wetlands in Guandu Park. A plan for organizing volunteers for river patrols will be implemented in an effort to provide the public with a clean and safe river to experience.

4. Removing Garbage Mountain: After resuming work in March 2009, the project aimed at cleaning the Neihu garbage hill will be continued to be promoted in order to solve the land-fill waste pollution that is affecting the surrounding areas and Keelung River. The targets of resource reuse and waste reduction are achieved by means of sorting, resource recycling, recovering of the soil, rocks, resources from the buried layer of the garbage hill, and sending the combustible waste to the incinerators to recover the heat energy.

5. Taipei Recycling: To continue to execute all relevant resource recycling policies and projects and to increase awareness about resource recycling. Recycling plants will be inspected at least once a week and recycled materials and amounts from the previous month shall be reported. In addition, expand the possible materials for recycling in accordance to new policies by the Environment Protection Agency. Continue to process furniture recycling and refurbishing in all efforts to reduce waste and increase resource recycling.

6. Clean and Comfortable Public Bathrooms: The quality of public bathrooms shall be maintained through inspection and counseling programs. Continue to promote the grading system for public bathrooms as an inspection mechanism to select for quality public bathrooms and those that need more guidance and improvement. This allows for exceptional public bathrooms to be referenced in efforts to maintain quality, in addition to boosting the morale of cleaning staffs.

7. City Clean-up: To continue to clean the streets, by cleaning the areas around public trash sites, removing illegal ads, cleaning ditches, cleaning dog defecations, cleaning graffiti, and towing abandoned cars. District cleaning teams will inspect, clean, and maintain the cleanliness of the city with the assistance of volunteer cleaning teams. Citizens are also encouraged to report on cases of illegal trash disposal with rewards. Promotional activities are also organized in order to raise public awareness and to improve the city's environment.

8. Implement Environmental Impact Assessment System: To prevent and mitigate the environmental impact of city development. Projects and development cases shall be reviewed and inspected in accordance to the laws to achieve the purposes of environmental protection.

9. Fertilizer Kitchen Waste Reuse: To continue to urge the public to separate kitchen waste into pig-feed and fertilizer kitchen waste. Pig-feed kitchen waste will be auctioned to pig farms and fertilizer kitchen waste will be commissioned to fertilizer plants for reuse and to set up testing facilities and dehydration facilities for treatment of fertilizer kitchen waste. Storage for fertilizer kitchen waste will also be improved and production and processing of fertilizer kitchen waste will be diversified, increasing the amount of product for more efficient reuse of kitchen waste.

Projects with Priority:

1. Low Carbon, Energy Saving

Objectives:

1. Subsidize community energy-efficiency projects, promote model low carbon

communities

2. Promote low carbon advocacy, promote citizen activities and events in energy saving

Indicators:

1. Community energy-efficiency remodeling – 300 locations
2. Community energy saving consulting – 200 locations
3. Model Community Applications – 20 locations
4. Large-scale low carbon, energy saving events – 4 events

2. Cleaning Tamsui River

Objective:

1. Increase industry and community sewer inspections and guidance, reduce pollution of the Tamsui River system, improve water quality

Indicators:

1. Dissolved oxygen detected in river water up to 73%
2. Process industry, community, and construction sewer inspection – up to 1900 cases

3. Taipei Recycling

Objective:

1. Efficient resource recycling to achieve waste reduction

Indicators:

1. Recycling rate (including public and private institutions, household kitchen waste, and organic resource recycling in markets) up to 48%