

Implementation Plans for 2015

Department of Environmental Protection

I. Mission

1. To continue the policies of improving air quality, reducing noise pollution, ensuring energy conservation, improving water quality and reducing pollution.
2. To actively strengthen resource recycling, kitchen waste reuse, and maintain the cleanliness of the city in order to provide a better living quality for the citizens and to achieve the goal of environmental protection.

II. Vision

1. To build a sustainable, low-carbon, ecologically vibrant city with new rivers, new riverbanks and a new living environment for a new city.
2. To implement modern incineration technologies, in order to achieve the targets of waste reduction and reuse, **safer process**, and **hygienic disposal**.
3. **To optimize the waste management** and maintenance system, and also to **maintain** the quality of incineration and electricity generation.
4. To promote efficient environmental management by **saving energy and resources**.
5. To **accomplish** Total Recycling, Zero Landfill and to achieve Total Recycling and Zero Waste.

III. Strategies

1. Clean Air for Taipei: To **promote** the collaboration between the four northern municipalities in **doing vehicle-emission inspections and oil inspections**, and to implement emissions **control** for the catering industry and provide guidance. To promote the “5S construction site cleanliness campaign” and indoor air quality control, and impose 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. **Also, preparation for electromagnetic wave and light pollution inspections are needed.**
2. Low Carbon, Saving Energy: To continue on promoting measures for GHG reduction, **keeping track of the city’s baseline information of reduction quota, and updating** city’s GHG emission data. **To promote** public institutions and schools to execute energy-saving and low-carbon measures, **and also encourage** private sectors to spontaneously reduce carbon emissions. Various campaigns such as Taipei Energy Conservation Award Competition, Clean & Low Pollution Vehicles, electric-powered bus test drives, Taipei City Subsidiary Plan for Community’s Lighting Equipment and Household Energy-Saving Prize Drawing Campaign were introduced, which not only educate but also encourage citizens to save energy and reduce carbon emissions.
3. Cleaning Tamsui River: To continue to reinforce cooperation between **Taipei City** 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 in order to comply with the Water Pollution Control Act. Water quality will also be improved through ecological engineering methods, which are implemented for the operation and maintenance of the artificial wetlands in Guandu Park. A plan for **gathering** volunteers as river patrols will be implemented **to maintain the cleanliness of rivers. Furthermore, variety of environmental events will be held to encourage people to enjoy clean rivers.**

4. Taipei Recycling: **Continue** to execute all relevant **resources recycling policies and** increase citizen's awareness about resource recycling. On the other hand, recycling contractors will be subject to regulations and inspected regularly along with the recycling plants. Finally, recycled materials and amounts from the previous month shall be reported in advance. In addition, expand the possible materials for recycling in accordance with new policies by the Environment Protection Administration. Continuing to process the recycling and refurbishing of used books and furniture in all efforts to reduce waste and increase resource recycling.

5. Clean and Comfortable Public Restrooms: The quality of public restrooms shall be maintained through inspection **by** counseling programs. **Continue** to promote the grading system for public restrooms as an inspection mechanism to select quality public restrooms **that** need more guidance and improvement. This allows for exceptional public restrooms to be referenced in efforts to maintain quality, while pushing the inferior public restrooms to pursue further improvement, and by doing both we can holistically upgrade the quality of our public restrooms

6. City Clean-up: **Continue** to clean the streets, by cleaning the areas around public trash sites, removing illegal ads, cleaning ditches, dog defecations, graffiti, and reporting and towing abandoned cars. District cleaning teams will inspect, clean, and maintain the cleanliness of the city with the assistance of voluntary cleaning teams. Citizens are also encouraged to report on cases of illegal trash disposal to receive rewards. With joint efforts from different departments of the city government, we can increase the frequency of clean-up activities and promotional activities are also organized in order to raise public awareness **of improving** the city's environment.

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

8. Compostable Kitchen Waste Reuse: To facilitate the reuse of kitchen waste and continue to experiment on converting kitchen waste **into** bioethanol. **Also, evaluate and** expand the magnitude of experimental bioethanol factories in Neihu incineration plant.

Projects with Priority:

1. Low Carbon, Energy Saving

Objectives:

1. **Control city's GHG emissions, and also promote events related to reducing**

carbon emission and saving energy.

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

Indicators:

2. Cleaning Tamsui River

Objective:

1. To increase industry and community sewer inspections and guidance, **continue to improve water quality**

3. Compostable Kitchen Waste Reuse

Objective:

1. **Effectively recycle the recyclable resources in order to reduce waste**

2. **Continue to collect old books and old furniture in order to sell them and reuse them**