



公益財団法人 東京都環境公社

Tokyo Environmental Public Service Corporation

Striving to achieve the dream of Tokyo
as a leading environment-friendly city

Business Overview 2017



All for a comfortable and rich urban environment

From the President

As a public interest incorporated foundation supporting Tokyo's environmental administration practices, the Tokyo Environmental Public Service Corporation (TEPSC) is engaged in a number of different activities, with a focus on promoting the proper treatment of waste and resource recycling, creating smart energy cities, and conserving the natural environment. The Tokyo Metropolitan Research Institute for Environmental Protection is also involved in studies and research that contribute to beneficial changes and improvements in the urban environment.

Through these activities, TEPSC will contribute to the achievement of Tokyo's aim of becoming a leading environmental and sustainable city .

We thank you for your continued guidance and support as we enter the 55th year since our founding.



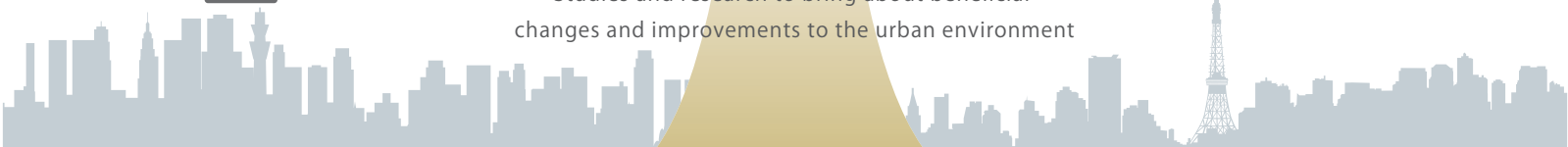
Takeo Kageyama
President

Tokyo Environmental
Public Service Corporation



Tokyo Metropolitan Research Institute for Environmental Protection

Studies and research to bring about beneficial
changes and improvements to the urban environment



Overview

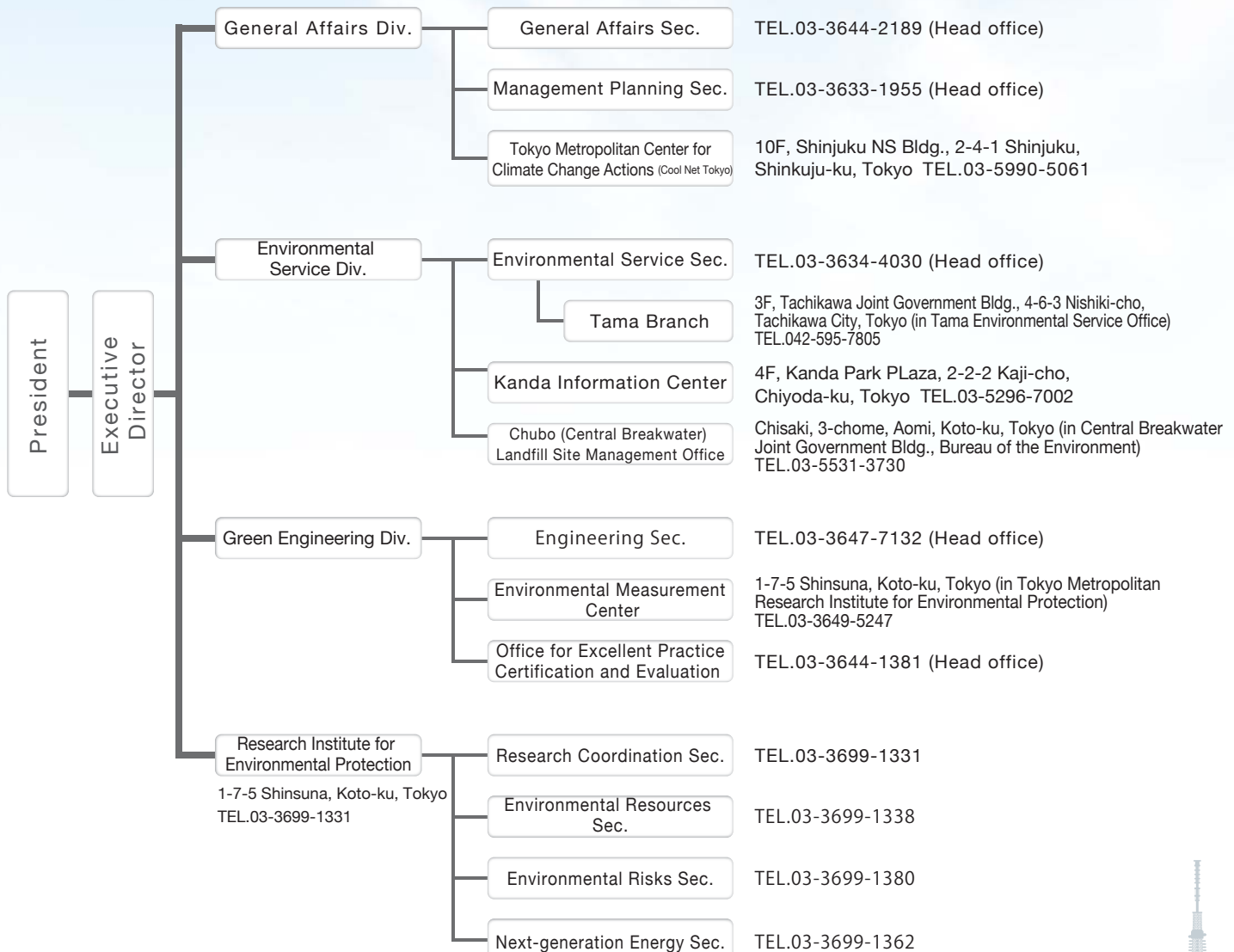
Name	Tokyo Environmental Public Service Corporation
Location	4-26-5 Kotobashi, Sumida-ku, Tokyo, Japan
Date founded	May 14, 1962
Board of Trustees	9 trustees
Representative	Takeo Kageyama, President
Directors	6 directors, 2 auditors
Number of employees	370 (as of April 2017)
Basic assets	JPY 356,000,000
Business scale	JPY 6,579,970,000 (FY 2017 budget)

History

May 1962	Established as the Tokyo Metropolitan Environmental Improvement Association
December 1973	Name changed to Tokyo Metropolitan Environmental Improvement Public Service Corporation
April 2005	Start of global warming prevention measures promotion network activities
April 2007	Tokyo Metropolitan Research Institute for Environmental Protection was transferred to TEPCS (transfer of authority from Tokyo Metropolitan Government)
April 2008	Opening of office for the Tokyo Metropolitan Center for Climate Change Actions
April 2009	Start of comprehensive services for projects related to the Central Breakwater Outer Landfill Site
August 2009	Designation as a third-party evaluation agency for the Certification System on Compliance with Excellent Practice Standards by the Governor of Tokyo
August 2010	Headquarters moved to 4-26-5 Kotobashi, Sumida-ku, Tokyo
April 2012	Name changed to Tokyo Environmental Public Service Corporation (change to Public Interest Incorporated Foundation)
April 2015	Tama branch opens (start of natural environmental conservation projects and legal inspections of septic tanks)
July 2016	Hydrogen energy information center, Tokyo Hydrogen Museum "Suisomiru", opens

Business Licenses and Permits

- Industrial waste disposal business: No. 13-20-002246
- Designation as Tokyo Metropolitan Center for Climate Change Actions by the Governor of Tokyo
- Designation as a third-party evaluation agency for the Certification System on Compliance with Excellent Practice Standards by the Governor of Tokyo
- Designation as a legal inspection agency for septic tanks by the Governor of Tokyo





Smart Energy

Achieving the ambition of becoming a Smart Energy City

Support for global warming prevention measures of small- and mid-sized companies

Experienced examiners of energy savings visit offices in Tokyo and offer recommendations free of charge for reducing energy costs according to the office's characteristics. In cooperation with other groups, TEpsc also prepares textbooks that offer a summary of concrete examples of energy savings according to the characteristics of each industry. We also use animation to explain about energy-saving measures that can be easily taken up even by beginners.

TEpsc also implements subsidy programs to promote the efficient and optimal use of energy by businesses.



Energy-saving measures explained using animation



Leaflet on global warming prevention measures reporting system



Textbooks on energy-saving measures according to industry

Support for low-carbon lifestyles in households

"Household Energy-conservation Advisors" that are registered in Tokyo visit homes, municipalities, and neighborhood associations to offer advice on energy-saving measures. TEpsc also develops energy-saving handbooks for households that introduce energy-saving measures that can be taken at home, as well as training materials for Energy-conservation Advisors.

TEpsc also introduces the current state of global warming and concrete examples of energy savings by holding seminars and participating in exhibition events on energy savings, to support energy-saving activities. We are also engaged in subsidy programs for existing homes and apartment buildings.



Awareness and PR activities at events



Energy-saving handbook for households

Promoting the expansion of renewable and hydrogen energy

TEpsc has set up "City Charge" stands that can charge smartphones using solar power, as a model project, and publishes the "Tokyo Solar Rooftop Ledger," which offer a quick view of roofs that are suitable for photovoltaic power generation. We also carry out model projects to supply FIT electric power.

TEpsc also offers subsidy programs to promote the expanded use of fuel cell vehicles and the construction of hydrogen stations to achieve the creation of a hydrogen society. We also carry out awareness-raising activities on hydrogen energy at the hydrogen energy information center, Tokyo Hydrogen Museum, which opened in fiscal year 2016.



Tokyo Solar Rooftop Ledger (Potential map)

City Charge installed as model in cafe



What is the Tokyo Metropolitan Center for Climate Change Actions (Cool Net Tokyo)?

As a base for global warming prevention activities in Tokyo, Cool Net Tokyo conducts awareness-raising activities in cooperation with the Tokyo Metropolitan Government and municipalities, and provides support for global warming prevention endeavors and energy-saving measures for Tokyo residents and small- and medium-sized businesses.



Natural Environment

Making the natural environment of Tokyo more abundant and closer to our lives

Training of volunteer staff

TEPSC manages the forest and green areas conservation activity information center "Experience nature in Tokyo! SATOYAMA" and offers matching services between people who want to be involved in conservation activities and volunteer groups. We are also working to find and establish new volunteer resources by offering hands-on programs in which beginners can also easily participate.

We are also carrying out the Tokyo Greenship Action and the Tokyo Green Campus Program in cooperation with companies, NPOs, and universities, in order to encourage a wide range of Tokyo's residents to become more interested in the natural environment.



Interactive program in protected areas



Tokyo Greenship Action

Maintenance and management of protected areas

In order to pass on the beautiful natural environment in protected areas to future generations, which is an important heritage for Tokyo's residents, TEPSC is carrying out the management of vegetation and facilities, such as logging and pruning of damaged and at-risk trees, and the repair of protection fences and signs. We also provide support for the activities of volunteer groups, such as organizing training sessions and providing/lending supplies necessary for environment protection activities.



View of protected area



Environmental Learning

There are various environmental issues on the earth where we live, related to energy, waste, natural environment, etc. TEPSC approaches these issues from different angles and prepares a number of different opportunities for the residents of Tokyo to learn about environmental measures.

Learn about the potential of hydrogen energy!



TEPSC operates the hydrogen energy information center, Tokyo Hydrogen Museum, a facility where visitors can see, touch, and experience a future transformed by the power of hydrogen

Visit and experience SATOYAMA!



Satoyama activities include caring for the forest (mixed forest), rice field activities, nature observation tours, and craft experiences.

Follow and understand where wastes go!



We offer tours of FDS (final disposal landfill site) help people understand the importance of reducing the generation of wastes and effectively using resources.

Protecting the future of the earth starts at home!



In addition to dispatching household energy-saving advisors and creating energy-saving handbooks, we also dispatch lecturers and lend out environmental learning tools.

Diverse activities to create opportunities for having fun learning about the environment

In addition to these activities, environmental education training workshops for elementary school teachers are also organized to introduce environmental learning programs that are in line with the teaching curriculum, as well as thematic environmental learning lectures on various topics for Tokyo residents to help them learn and think about the environment.



Environmental education training workshops for elementary school teachers



Thematic environmental learning lectures for Tokyo residents





Resource Recycling

Passing down a good urban environment to the next generation

Proper treatment of waste and protection of the urban environment

In addition to providing guidance on receipt of waste and landfill soil cover work to extend the life of the Central Breakwater Outer Landfill Site and New Sea Surface Disposal Site, TEPSC is also engaged in environmental conservation activities at these sites. We also contribute to the conservation of the urban environment by cleaning up 30 rivers in Tokyo to produce clean rivers that are popular with communities, beautiful, and fish-friendly.

We also promote the proper disposal of waste, such as projects in which part of disposal costs for trace PCB waste, such as transformers owned by SMEs in Tokyo, are subsidized, and track the treatment of medical waste.



Work at the Central Breakwater New Sea Surface Disposal Site



River cleaning work by conveyer boat

Operation and management of waste treatment facilities and technical support

TEPSC carries out the operation and management of treatment centers for non-combustible waste and waste pipeline transportation and collection systems in waterfront subcenters of Tokyo, as well as maintenance and inspection work of environmental measurement instruments, such as exhaust gas analyzers and water quality analyzers that are installed in waste incineration plants, to achieve a smooth process for waste treatment in Tokyo.

We carry out the operation and management of waste treatment facilities and offer technical support in line with the improvement plans of facilities from a public interest perspective, based on requests from local governments, while utilizing the knowledge and know-how of waste disposal technology.



Central Breakwater treatment center for non-combustible waste



Implementation of inspection work according to the needs of local governments, etc.



Inspections of different models of various manufacturers

Projects related to the use of recycled resources and their proper treatment

We accept collection of bulky waste from households in the city limits of Tokyo and items subject to the Home Appliance Recycling Law.

We also organize lectures and seminars for waste emitters and treatment companies to provide information on the proper treatment of industrial waste.



Kanda Information Center



Lecture on proper treatment of industrial waste

Certification System for Industrial Waste Disposal Contractors on Compliance with Excellent Practice Standards

TEPSC carries out inspections and evaluations and offers certification for industrial waste disposal companies applying excellent practice standards as a third-party evaluation agency for the "Certification System for Waste Disposal Companies in Tokyo on Compliance with Excellent Practice Standards for Actions on Appropriate Disposal and Recycling."



Logo marks provided to companies applying excellent practice standards

International cooperation work (resource recycling)

As the secretariat for international cooperation projects carried out by the Tokyo Metropolitan Government in the area of resource recycling, we conduct training programs, site visits, and information gathering using Tokyo's experiences and technologies on waste treatment and recycling, in order to solve problems that are common to major cities, mainly in Asia.



Workshop on resource separation (Exchange with Yangon City)





Tokyo Metropolitan Research Institute for Environmental Protection

Making beneficial changes and improvements for the environment in Tokyo

Role of the Institute

The Tokyo Metropolitan Research Institute for Environmental Protection is a public experimental research institution that carries out research activities with the following three roles.

Support for the development of environmental policies	Implementation of studies and research to contribute to the environmental policies of the Tokyo Metropolitan Government and provision of the scientific knowledge needed for the development of those policies.
Cooperation with industries, academia, and government	Promotion of linkages with universities, other research institutes, and the private sector to implement research, etc.
Wide-ranging environmental research	Implementation of a broad range of research to contribute to beneficial changes and improvements in the environment in Tokyo with the use of external funds from the national government and the private sector.

Studies and research

We conduct studies and research to contribute to environmental administration in Tokyo, including commissioned research from the Tokyo Metropolitan Government, joint research with Tokyo Metropolitan University and other institutions, and research using external funds from the national government and private companies.

- ① Research on comprehensive approaches to automobile environmental measures
- ② Research on resource management during the municipal waste treatment process and management methods for harmful substances in municipal waste
- ③ Research on reducing the concentration of fine particulate matter, etc.
- ④ Research on analytical methods for hazardous chemical substances and elucidation of the actual conditions of the environment
- ⑤ Research on preserving the water environment
- ⑥ Research on the actual conditions of the heat island phenomenon in Tokyo
- ⑦ Studies for city planning using hydrogen storage



Chassis dynamometer for large vehicles



PM2.5 measuring device and analysis



Analysis of toxic chemicals



Seawater sampling analysis

Technical support

We offer technical support, such as automobile exhaust gas tests, analytical quality control, and technical training for municipal administrators.

- | | |
|---|---|
| ① Automobile exhaust gas tests | ③ Technical support for municipal staff |
| ② Quality control of government samples | ④ Technical support for international environmental cooperation |

Provision of research results and environmental information

In addition to offering research results at public research presentation sessions, in annual reports, academic presentations, and institute news, we also open facilities to the public and accept people on tours and visits.

There is a collection of approximately 130,000 environmental-related materials in the library. Materials are lent out using an open stack system.



FY 2016 Public Research Presentation Session

水素情報館 東京スイソミル Tokyo Hydrogen Museum

Learning facility where you can see, touch, and experience a future transformed with the power of hydrogen energy

The hydrogen energy information center, Tokyo Hydrogen Museum, which opened in July 2016, is a facility where visitors can learn as they look at, touch, and experience hydrogen, which is invisible to the naked eye, and the future image of a hydrogen society. Visitors can learn about hydrogen energy as they interact with characters and take quizzes in the exhibition room on the first floor. On the second floor, they can experience producing and generating hydrogen power using a bicycle and touch real hydrogen-related products. The museum also has an exhibit of a fuel cell vehicle outside and shows demonstrations with the movement of home appliances. A lecture room is also available that can be used for multiple purposes, including for lectures and seminars.



Address: 1-3-2 Shiodome, Koto-ku, Tokyo
TEL: 03-6666-6761
Hours: 9:00 - 17:00 (Last admission: 16:30)
Closed: Mondays, year-end/new-year period
(December 28th to January 4th)
* Open Monday if it is a national holiday and closed on the following weekday
Access: -8-minute walk from Shiodome Station on the JR Keio Line
-20-minute walk from Tatsunuma Station on the Tokyo Metro Yurakucho Line
-1-minute walk from Shiodome Itchome bus stop on the Nishiki 13-otsu Metropolitan Bus (Kinshicho⇄Fukagawa Shako)

1F

- Check out systems to produce power using hydrogen!
- Become a Hydrogen Master by taking the quiz game!
- Explore living in a hydrogen house!
- Corner displaying the latest technologies and products of companies

2F

- Make hydrogen energy and play with it

The second floor can be used by companies for lectures and meetings.

Sansou (Water character)
Mizujii (Hydrogen character)
Suison (Hydrogen character)
Ereere (Hydrogen character)

We have lots of interactive displays to make learning fun!

A community cycle port is available for use.

Information about our offices

Tokyo Environmental Public Service Corporation (Head office)

8F, Tokyo Traffic Kinshicho Bldg.
4-26-5 Kotobashi, Sumida-ku, Tokyo

- 1-minute walk from Kinshicho Station on the JR Sobu Line
- 1-minute walk from Kinshicho Station on the Tokyo Metro Hanzomon Line
- 1-minute walk from Kinshicho Station (South Exit) stop on the metro bus

Tokyo Metropolitan Center for Climate Change Actions (Cool Net Tokyo)

10F, Shinjuku NS Bldg.
2-4-1 Nishi-Shinjuku, Shinjuku-ku, Tokyo

- 7-minute walk from the west exit of JR Shinjuku Station
- 6-minute walk from Shinjuku Station on the Keio Line of the Toei Subway
- 3-minute walk from Tochomae Station on the Oedo Line of the Toei Subway

Tokyo Metropolitan Research Institute for Environmental Protection

1-7-5 Shinsuna, Koto-ku, Tokyo

- 10-minute walk from exit 3 of Toyocho Station of the Tokyo Metro Tozai Line

Central Breakwater Landfill Site Management Office (Central Breakwater Government Office, Bureau of the Environment)

Chisaki, 3-chome, Aomi, Koto-ku, Tokyo

- From "Tokyo Teleport" Station on the Rinkai Line or "Telecom Center" Station on the Yurikamome Line take the metro bus bound for "Chubu Bohatei", and get off at "Kankyokuyoku-chubu-godochosha-mae".



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