

For the Earth, for the Environment, for the Future.
It is easy enough to say.
We know it is important.
However, putting it into action is not easy.

This is often how people tend
to think about environmental action.
In fact, the accumulation of small steps
we take will lead to big changes in the future.

Recycling plastic bottles.
Rethinking energy use at home and in the office.
Appreciating the value of the natural environment around us.

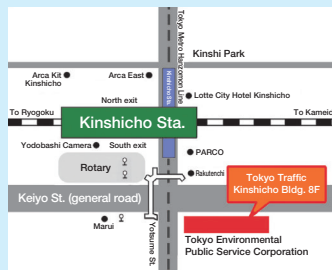
Whether you are a Tokyo resident or
part of an organization operating in Tokyo,
we can all start by doing what we can today.

The Tokyo Environmental Public Service Corporation is here to take the first step with you,
and to walk forward together toward the next.

OUR LIVES IN TOKYO, THE FUTURE OF THE EARTH

Office Locations

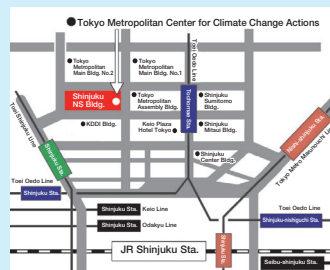
Tokyo Environmental Public
Service Corporation
(Head Office)



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

ACCESS
• 1 min. walk from Kinshicho Sta. on the JR Sobu Line
• 1 min. walk from Kinshicho Sta. on the Tokyo Metro
Hanzomon Line
• 1 min. walk from Kinshicho Sta. South Exit bus stop

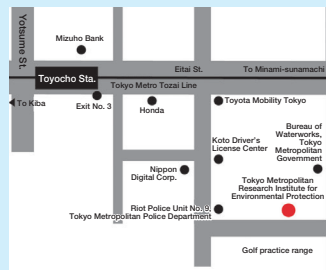
Tokyo Metropolitan Center for
Climate Change Actions
(Cool Net Tokyo)



17F Shinjuku NS Bldg.,
2-4-1 Nishi-Shinjuku, Shinjuku-ku, Tokyo

ACCESS
• 7 min. walk from west exit of JR Shinjuku Sta.
• 6 min. walk from Shinjuku Sta. on the Metropolitan Subway
Shinjuku Line and the Keio Line
• 3 min. walk from Tochomae Sta. on the Metropolitan Subway
Oedo Line

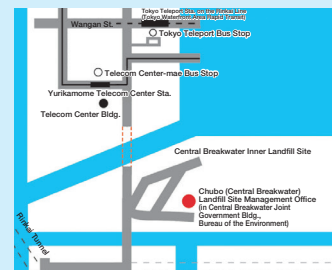
Tokyo Metropolitan Research Institute for
Environmental Protection



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

ACCESS
• 10 min. walk from exit No. 3 of Toyochi Sta. on the Tokyo Metro
Tozai Line

Chubu [Central Breakwater]
Landfill Site Management Office
(in Central Breakwater Joint Government Bldg.,
Bureau of the Environment)



2-4-76 Uminomori, Koto-ku, Tokyo

ACCESS
• Take a Metropolitan bus bound for Chuo Bohatei at Tokyo
Teleport Sta. of Tokyo Waterfront Area Rapid Transit or
Yurikamo Telecom Center Sta. and get off at the
Kankyo-yoku-Chubu-Godochosha-Mae stop.

For more information about our activities and services, please visit our website,
follow us on social media, or subscribe to our newsletter.

Official X account
@kankyokosha1962



Tokyo Hydrogen Museum
(Tokyo Suisomiru) X account
@suisomiru



TOKYO-ecosteps X
@TOKYO_ecosteps



Tokyo Circular Economy
Promotion Center X account
@CE_Tokyo



Cool Net Tokyo
Website



Cool Net Tokyo X
account
@coolnet_tokyo



E-mail newsletters regarding environment

Providing information on decarbonization initiatives,
satoyama hands-on experiences, industrial waste management, etc.



公益財団法人 東京都環境公社
Tokyo Environmental Public Service Corporation



☎03(3644)2189

Website <https://www.tokyokankyo.jp>



Japanese

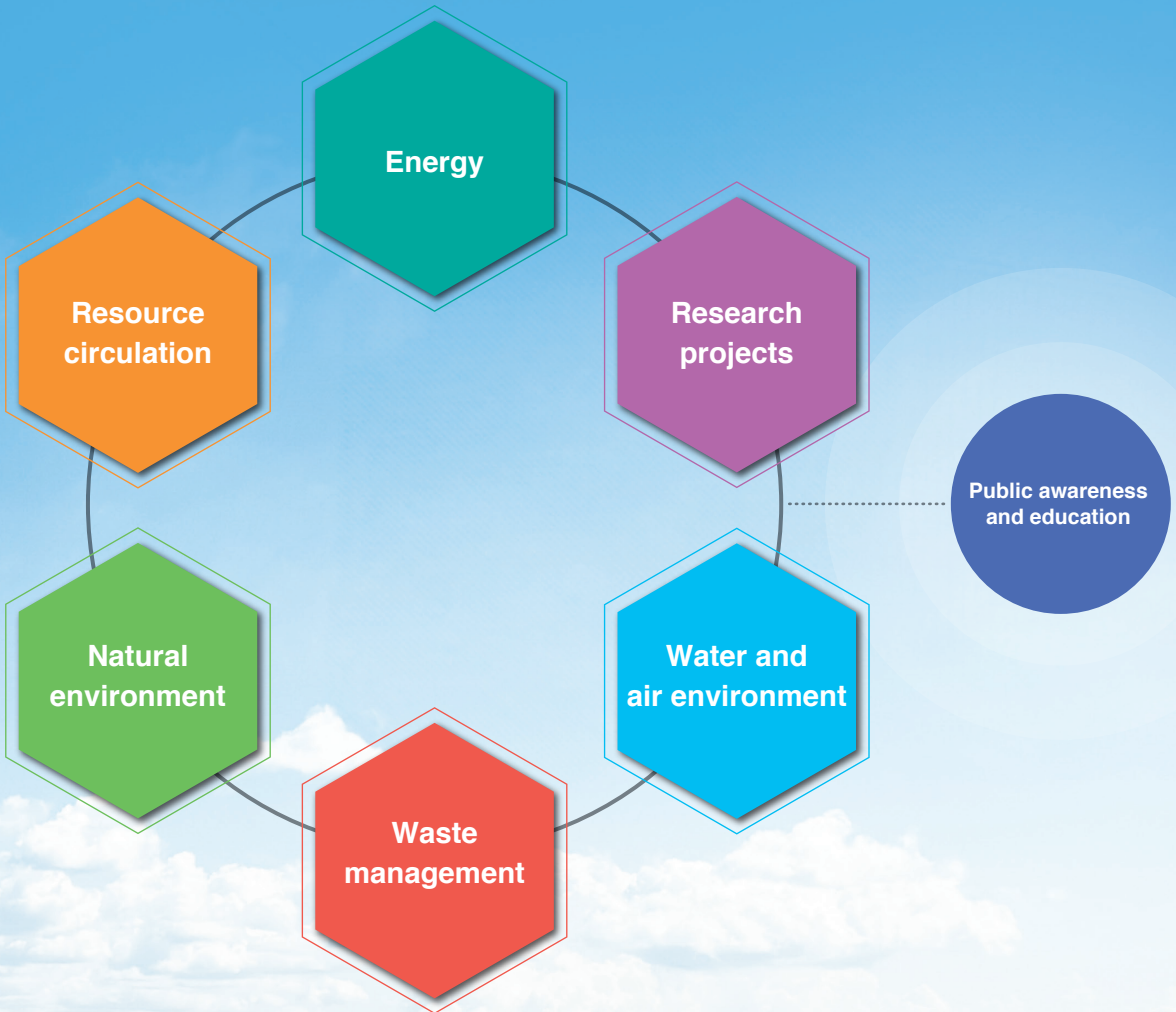


Published August 2026

| Business Overview |

公益財団法人 東京都環境公社
Tokyo Environmental Public Service Corporation

Through business activities in six fields,
we aim to realize the society we envision.



Drawing on the extensive practical experience and expertise we have cultivated over many years, we are committed to working together with all stakeholders to help realize a sustainable society.

Since our establishment in 1962, we have expanded our activities beyond waste management to include climate change initiatives, natural environment conservation, and environmental research. Working closely with the Tokyo Metropolitan Government (TMG), we continue to address the diverse environmental challenges facing our society.

In recent years, the climate crisis has intensified to the point that we are now living in an era often described as "global boiling." At the same time, environmental challenges are becoming increasingly diverse and complex, including biodiversity loss and changes to our water and air environments. Addressing these issues is an urgent priority if we are to build a sustainable and prosperous future.

In response to these challenges, the TMG has launched its Zero Emission Tokyo Strategy: Beyond Carbon Half. Looking beyond its 2030 Carbon Half target, Tokyo is advancing effective policies and accelerating initiatives across all environmental sectors to achieve its newly established 2035 greenhouse gas emission reduction goals.

As a policy partner of the TMG and an organization that plays a key role in advancing environmental initiatives, TEPSC is committed to helping achieve Tokyo's environmental goals. As a frontrunner in the environmental field, we will draw on the knowledge and expertise we have built up over many years to encourage environmentally responsible actions among residents and businesses and to tackle increasingly complex environmental challenges.

We will also continue to strengthen our governance by enhancing our organizational capabilities in the areas of human resources, finance, and digital transformation (DX), while ensuring fair and sound management practices. Through the creativity, ingenuity, and dedication of each employee, we aim to build an organization that contributes to the sustainable development of society.

We sincerely appreciate your continued support and cooperation.

President, Tokyo Environmental Public Service Corporation

Kenji Ogawa

TEPSC 2030 Vision

As a frontrunner in the environmental field, we have established the 2030 Vision to outline the direction of our business activities and initiatives toward achieving a sustainable society, as well as the kind of society we aspire to and the kind of organization we aim to become.

2030 Vision
<https://www.tokyokankyo.jp/vision/>



Japanese

About Tokyo Environmental Public Service Corporation

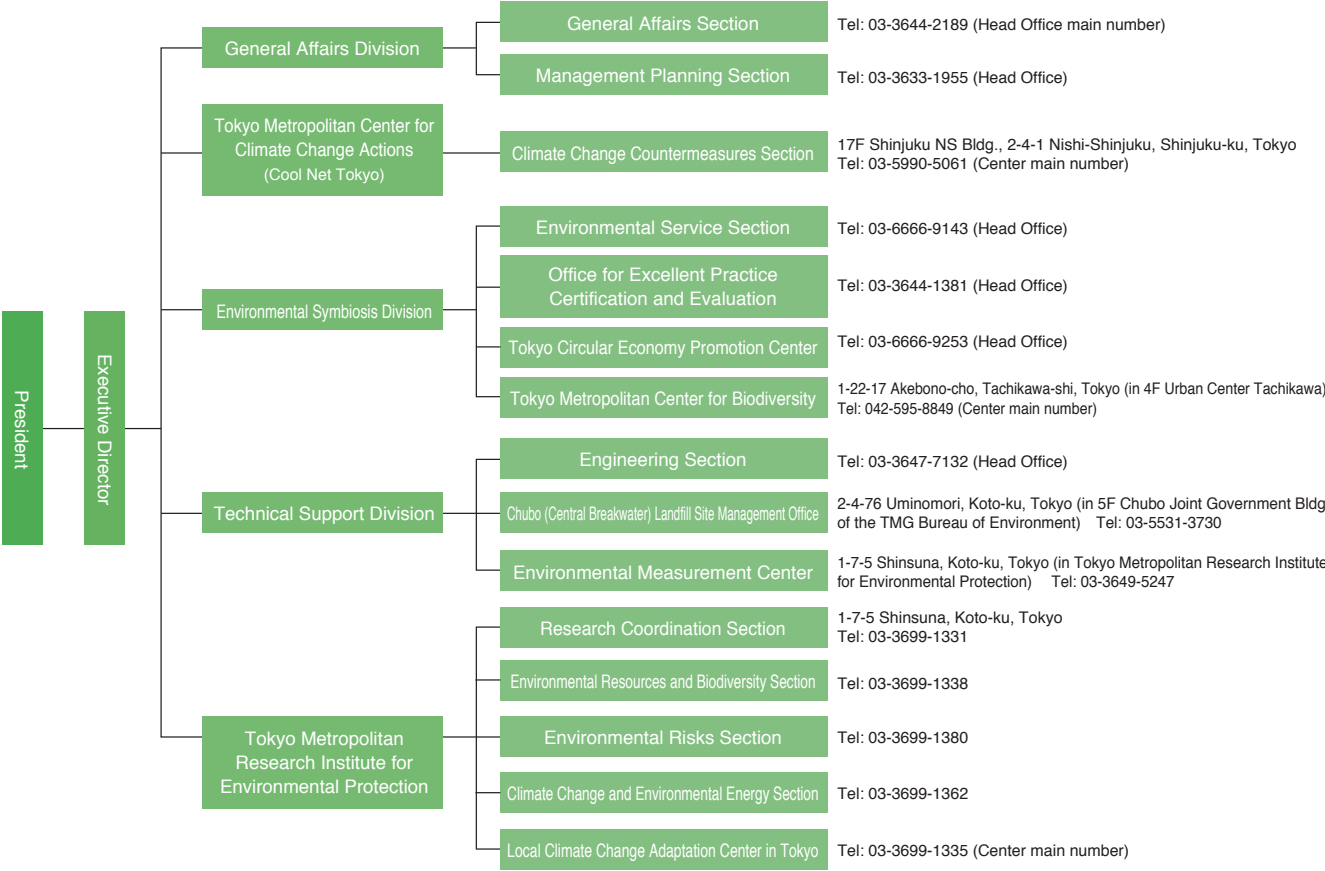
Overview

Name:	Tokyo Environmental Public Service Cooperation
Head Office:	4-26-5 Kotobashi, Sumida-ku, Tokyo, Japan
Established:	May 14, 1962
Board of Trustees:	8 members
Representative:	President, Kenji Ogawa
Directors:	7 directors and 2 auditors
Number of employees:	493 (as of April 2026)
Basic assets:	JPY 356 million
Business scale:	JPY 26.15 billion

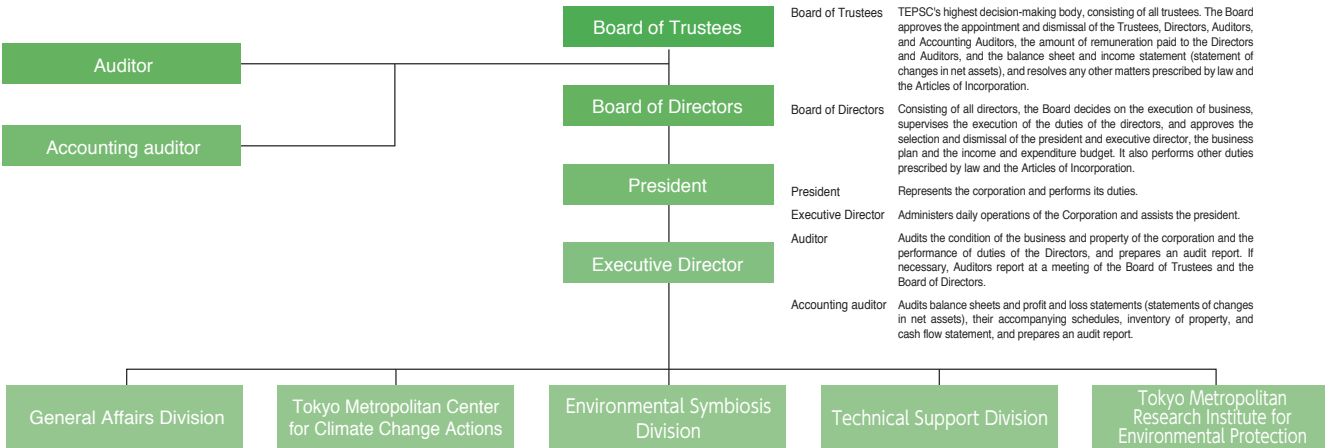
Business Licenses and Permits

- Licensed industrial waste collector and transporter No. 7
- 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

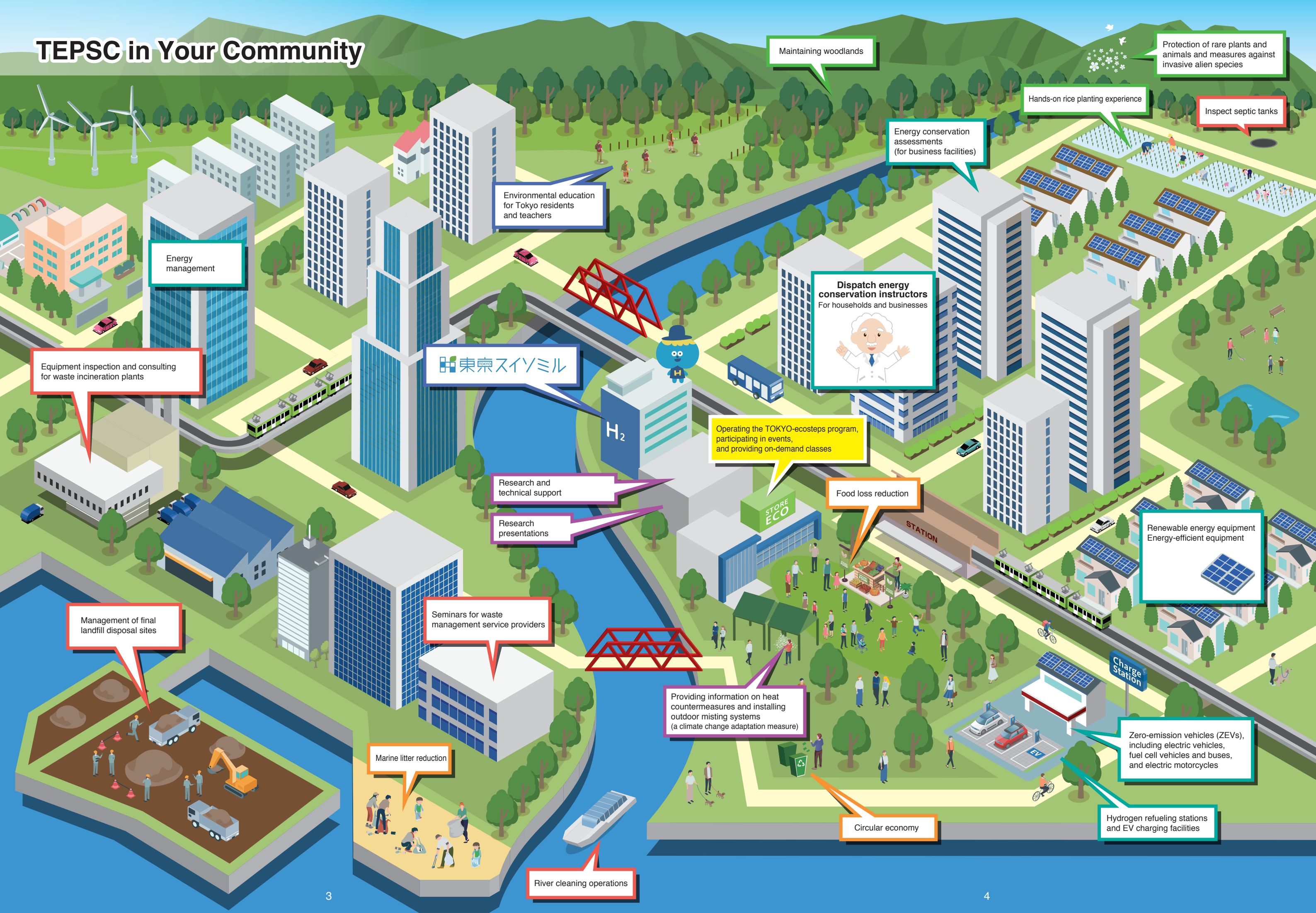
Organization



Governance Organization



TEPSC in Your Community



History of Tokyo Environmental Public Service Corporation (TEPSC)

1962
Established as the Tokyo Metropolitan Environmental Improvement Association
Started collecting and transporting commercial waste for processing. (Discontinued in 2014)



Source: 100 Years of Waste Management Services in Tokyo

1970

Started managing disposal sites (at Landfill Site No.15, discontinued in 1985)

1973

Renamed to Tokyo Metropolitan Environmental Improvement Public Service Corporation.

1974

Completed a new head office building in Shiomi, Koto-ku, Tokyo.



1978

•Started receiving industrial waste for processing.
•Launched environmental analysis and measurement services. (Discontinued in 2015)

1980

Started inspecting septic tanks for regulatory compliance. (Discontinued in 1999)

1984

Started operating a composting facility. (Discontinued in 1993)

1985

Started a street sweeping service. (Discontinued in 1997)

1986

•Started river cleaning operations.
•Started operating the Chubu Incombustible Waste Processing Center.

1990

Launched an instrument maintenance service for waste incineration plants.



1992

Started operating a disposal facility for pulverized solid waste. (Discontinued in 1998)

1995

•Dispatched TEPSC employees to assist with waste management in the areas affected by the Great Hanshin Earthquake.
•Started operating a pneumatic pipeline system facility for waste collection and transportation.

1996

•Started processing requests from Tokyo residents to collect bulky waste.
•Opened the Kanda Information Center.
•Started operating the Keihinjima Incombustible Waste Processing Center.

1997

•Started providing technical support for waste management.
•Started operating the Jonanjima Eco Plant. (Discontinued in 2012)

2001

Started accepting applications from residents for home appliance recycling. (Discontinued in 2022)

2002

•Started recycling fluorescent tubes. (Discontinued in 2019)
•Launched a pilot project for the proper management of medical waste.
•Started holding seminars on correct disposal of industrial waste.

2007

Took over the operation of Tokyo Metropolitan Research Institute for Environmental Protection from the Tokyo Metropolitan Government (TMG).



2008

Opened the Tokyo Metropolitan Center for Climate Change Actions.



2009

•Started undertaking a comprehensive contract for operations related to the central breakwater outer landfill disposal site.
•Launched an evaluation service for certifying excellent providers of industrial waste management services. Designated by the Governor of Tokyo as an independent evaluation agency for certifying excellent providers of industrial waste management services.

2010

Relocated the head office to 4-26-5 Kotobashi, Sumida-ku, Tokyo, and launched an inspection service to identify unacceptable waste for processing by disposal facilities.

2011

•Started assisting in accepting and disposing of disaster waste in the areas affected by the Great East Japan Earthquake. (Discontinued in 2014).
•Started assisting with PCB waste management.
•Started the international cooperation project in waste management.

2012

Changed its name to Tokyo Environmental Public Service Corporation and transitioned to a Public Interest Incorporated Foundation.

2013

Started supporting the acceptance and treatment of disaster waste from Oshima Town. (Discontinued in 2014)

2015

•Launched conservation projects for the natural environment.
•Started inspecting septic tanks for regulatory compliance.



2016

Opened the Tokyo Hydrogen Museum "Tokyo Suisomiru".



2019

Opened the Emergency Response Center for Heatwaves.

2020

Launched the plastic waste management service.

2022

Opened the Local Climate Change Adaptation Center in Tokyo.

2022

Opened the Tokyo Circular Economy Promotion Center.



2024

Opened the Tokyo Metropolitan Center for Biodiversity.





Decarbonization of Energy

Toward the decarbonization of energy

The decarbonization of energy is becoming increasingly important not only to address the climate crisis but also to ensure a stable energy supply over the medium to long term. To help achieve net-zero CO₂ emissions by 2050, TEPSC supports the efforts of Tokyo residents, businesses, and other stakeholders to prevent global warming through the Tokyo Metropolitan Center for Climate Change Actions (Cool Net Tokyo).

Tokyo 2035 Policy Targets

Energy consumption (compared with that in FY2000)

50%
or more reduction

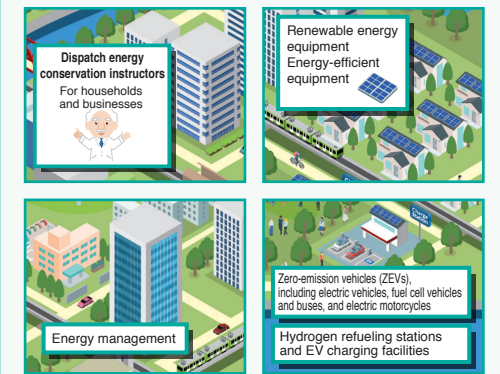
Percentage of electricity from renewable energy sources

60%
or more

Homes with insulation retrofits

3.85
million

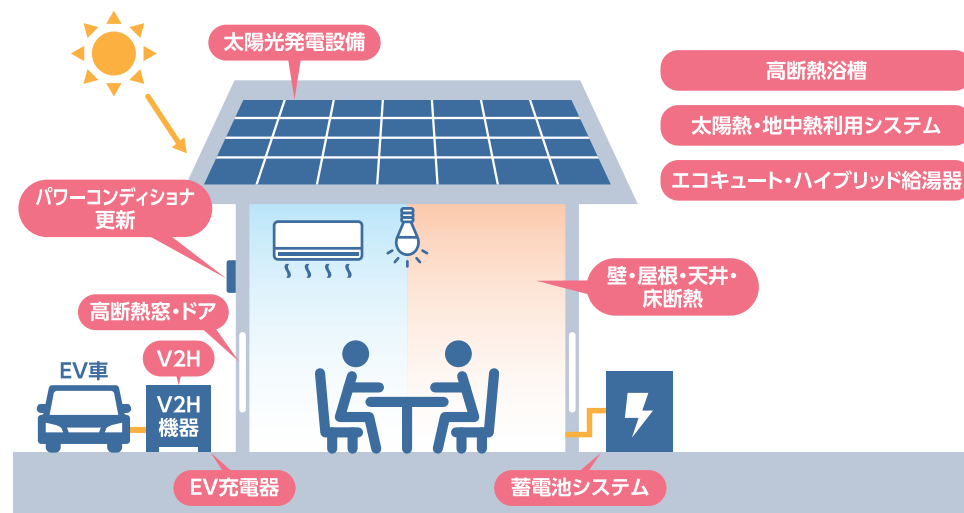
TEPSC in Your Community



Promoting Zero-Carbon Actions by Tokyo residents

Support measures to promote energy efficiency at home

We provide subsidies for the construction of highly energy-efficient, well-insulated homes, insulation retrofits for existing homes, and the installation of V2H systems, solar power generation systems, and battery storage systems. In addition, we conduct various public awareness activities to encourage Tokyo residents to take decarbonization actions.



Promoting business decarbonization

Support measures to promote energy efficiency at business establishments

We support small and medium-sized businesses in their efforts to transform their facilities into zero-emission buildings by providing energy conservation assessments conducted by technical specialists and subsidies for the installation of energy-efficient equipment. We also support the development of an environment conducive to business decarbonization through initiatives such as CO₂ emissions visualization, the creation of a market for green products, and the promotion of energy management.



TOPICS

We conduct a variety of awareness-raising activities, including seminars.

Under the "HTT" concept for energy use — H for herasu (reduce), T for tsukuru (generate), and T for tameru (store) — we share information through websites, social media, videos, seminars, and other channels. Through initiatives such as seminars on everyday energy-conservation tips, easy-to-understand videos explaining the benefits of highly insulated buildings, and ZEV promotion projects in collaboration with private companies, we are encouraging behavioral changes among Tokyo residents.



Promoting zero-emission mobility

Promoting the adoption of ZEVs

We provide subsidies to those introducing zero-emission vehicles (ZEVs), including fuel cell vehicles (FCVs) and electric vehicles (EVs), to help reduce carbon dioxide emissions from automobiles. We also support the introduction of ZEVs into rental car and car-sharing services.

Developing the infrastructure essential for the widespread adoption of ZEVs

To promote the widespread adoption of ZEVs, we provide subsidies for the development and operation of key infrastructure, including hydrogen refueling stations and fast-charging stations.

* ZEVs (Zero-Emission Vehicles) are vehicles that emit no CO₂ or other greenhouse gases while driving, including electric vehicles (EVs), plug-in hybrid electric vehicles (PHEVs), and fuel cell vehicles (FCVs).
* For PHEVs, this only applies when driving in EV mode.





Contributing to the "Carbon Half" Goal Through Sustainable Resource Use

Promoting the sustainable use of resources

By 2050, the world's population is projected to reach 9.5 billion, while global resource consumption is expected to increase to 170 billion tonnes, approximately 1.8 times the current level. This is also expected to have a serious impact on climate change. Tokyo relies heavily on resources supplied from outside the city and consumes them in large quantities. In addition to continuing its efforts to improve resource efficiency, Tokyo has a responsibility to take a leading role in promoting the sustainable use of renewable resources. To make sustainable resource use a standard practice, we will strengthen the framework for projects that support social infrastructure, including initiatives to promote carbon-neutral plastic use and reduce food loss.

Tokyo 2035 Policy Targets

Recycling rate of municipal solid waste



Approximately 40% (indicative level)

Food loss (compared to FY2000)



65% reduction

Incineration of plastic waste (compared to FY2017)



50% reduction

TEPSC in Your Community



Providing information and support to businesses and other stakeholders to promote a circular economy

Tokyo Circular Economy Promotion Center (T-CEC)

Using the Tokyo Circular Economy Promotion Center as its base, the Corporation contributes to the realization of a circular economy by providing information on the sustainable use of resources and supporting Tokyo residents, businesses, and other stakeholders in implementing concrete initiatives.

Tokyo Circular Economy Promotion Center website

The website provides easy-to-understand information on initiatives that help make the circular economy more familiar and accessible to the public.

<https://www.circulareconomy.metro.tokyo.lg.jp/>



Information, consultation, and matching services to promote a circular economy

To help realize a circular economy, we provide a one-stop consultation service for Tokyo residents, businesses, and other stakeholders on the circular use of resources. We also disseminate information on practical approaches and other measures that enable them to take proactive action.

Subsidy programs to support the realization of a circular economy

We offer a variety of subsidy programs to support initiatives by businesses and other stakeholders aimed at reducing plastic waste and food loss.

3R advisor program

In cooperation with municipalities in Tokyo, we provide advice through 3R advisors to promote the 3Rs (reduce, reuse, recycle) for commercial waste, such as plastic waste, discharged from office buildings and other commercial facilities. We also support behavioral change among businesses by offering ICT-based advisory services, including online consultations and the operation of the "TOKYO 3R Diagnosis Navi".

TOPICS

TOKYO 3R Diagnosis Navi

We provide a free online tool that enables users to easily assess the status of 3R initiatives for waste generated at business facilities. The tool can be accessed anytime from a PC or smartphone, enabling users to check the 3R performance of their facility and view the results.

<https://tokyo-3r.metro.tokyo.lg.jp/>



Promotion of food loss reduction in restaurants

To reduce food loss at restaurants in Tokyo, we conduct coordinated campaigns encouraging consumers to finish their meals. We also develop guidance materials that include measures to promote finishing meals and improve menu labeling, and disseminate these widely through training sessions and other opportunities.



Seminar in progress



Event sticker

TOKYO Action for Zero Marine Litter

We are implementing the "TOKYO Action for Zero Marine Litter" initiative to raise public awareness of marine litter issues in Tokyo and prevent new plastic waste from entering Tokyo Bay. The initiative also encourages Tokyo residents to take part in clean-up activities of marine and river litter.

TOKYO Action for Zero Marine Litter website

The causes and environmental impacts of marine litter are explained in an easy-to-understand illustrated format. The site also features interviews with businesses and organizations working to address marine litter issues.

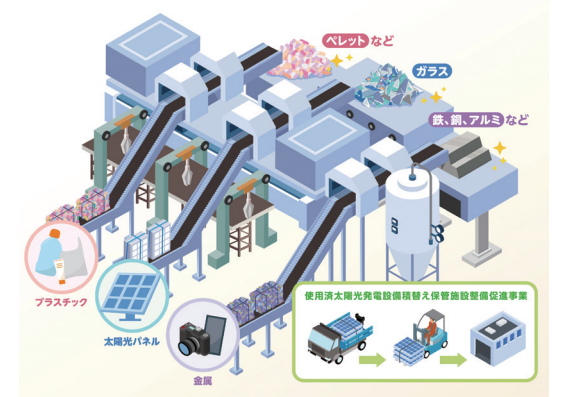
<https://www.tokyokankyo.jp/umigomi-zeroaction/>



Project on Resource Circulation and Proper Treatment for Solar Power Equipment

Promoting a circular economy through the introduction of advanced recycling facilities

We provide subsidies to businesses in Tokyo to cover part of the costs of introducing equipment that contributes to advanced recycling and improved recycling efficiency, including crushing and sorting equipment and recycling facilities for waste materials (such as waste plastics, solar panels, and metals), as well as the development and installation of collection, transfer, and temporary storage facilities for used solar panels and related items.





Biodiversity Conservation and Coexistence with Nature

Conserving Rich Nature and Biodiversity

Based at the Tokyo Metropolitan Center for Biodiversity, we offer programs that allow participants to experience nature conservation activities firsthand in nature-rich conservation areas within Tokyo. Additionally, we run projects for the appropriate maintenance and management of greenery and the conservation of precious flora and fauna. In addition, through hands-on programs for elementary school students to learn about diverse natural environments and training courses for volunteers, we contribute to biodiversity conservation and the realization of coexistence with nature.

Designated
nature
conservation
areas
in Tokyo

53
designated areas

Total area:
approx. 776 ha

TEPSC in Your Community



Projects for the conservation of the natural environment

Conservation area experience program "Let's Go to Satoyama!"



Conservation area experience program: Rice cultivation experience

We offer easy-to-participate hands-on programs in conservation areas, such as rice cultivation experiences and undergrowth clearing, and promote the training of volunteers among Tokyo residents.

Formulation and implementation of biodiversity-conscious management plans



Kiyose Nakazato conservation area

While receiving advice and guidance from biodiversity conservation experts and based on natural environment surveys, we collaborate with municipalities and a wide range of stakeholders, including conservation activity groups. In addition, we formulate and implement biodiversity management and conservation work plans for each conservation area.

Protection of rare plants and animals and measures against invasive alien species



Lycoris sanguinea

We monitor the status of rare plant and animal species in conservation areas, including growth conditions and damage such as illegal collection, and carry out vegetation management to protect and conserve their habitats. We also conduct surveys and removal of invasive alien species that may affect the original ecosystems of conservation areas.

Maintenance of conservation areas



Yokosawairi Satoyama conservation area

To conserve biodiversity and improve safety in conservation areas, we conduct regular patrols, remove and prune hazardous or obstructing trees, carry out coppice regeneration and undergrowth clearing in groves of mixed trees, repair protective fences and signs, maintain forest edges, and manage trees affected by oak wilt.

Awareness-raising and outreach activities for conservation areas and related programs



We provide information on volunteer opportunities tailored to the needs and experience levels of those interested in conservation activities, and support matching between activity sites and conservation activity groups. In addition, we participate in events for Tokyo residents organized by municipalities and other entities to promote the appeal of conservation areas.

Tokyo Greenship Action Tokyo Green Campus Program



To foster interest in the natural environment among a wide range of Tokyo residents, we implement the Tokyo Greenship Action in cooperation with various stakeholders such as companies and NPOs, as well as the Tokyo Green Campus Program in cooperation with elementary schools, high schools, and universities.

Visualizing the benefits of designated conservation areas

We are working to visualize and quantify, using easy-to-understand indicators, the benefits provided by green spaces in conservation areas.

Projects promoting collaboration for biodiversity conservation

Implementation of hands-on programs for learning about nature's diversity

We plan and implement "Tokyo Nature Class", a hands-on program for elementary school students conducted in collaboration with organizations active in Tokyo's distinctive natural environments, such as its mountainous areas and islands.

Implementation of training programs for volunteers

We conduct training programs to develop volunteers in the field of natural environment conservation.

- Tokyo Support Ranger Registration Program, etc.
- Green Volunteer Leader Training Program

TOPICS

Tokyo Metropolitan Center for Biodiversity

The Center was established in April 2024 as a hub connecting people engaged in biodiversity conservation activities in Tokyo and providing them with the information and guidance they need. It works to protect, restore, and pass on Tokyo's rich biodiversity to future generations.

In addition, the Center raises public awareness of biodiversity, expands opportunities to participate in conservation activities through hands-on programs, and promotes the appropriate management of green spaces and the conservation of valuable plant and animal species, thereby contributing to the realization of a society in harmony with nature.



<https://tokyo-biodiversity.metro.tokyo.lg.jp/>



Toward a circular society

We promote initiatives to ensure the correct disposal of waste, thereby contributing to environmental conservation and the maintenance of social infrastructure. In addition to focusing on waste reduction and further promoting recycling to make effective use of limited disposal capacity, we provide technical support to municipalities and waste treatment facilities to help ensure their safe and efficient operation. We also work to reduce environmental impacts by conducting training seminars for industrial waste management service providers, promoting compliance with relevant laws and regulations, and providing fundamental knowledge of correct disposal of waste. Through these activities, we are building a pioneering model for waste management and contributing to safe and sustainable urban management.

Further promotion of proper waste management

Waste management and conservation of the urban environment

The Tokyo Metropolitan Government's landfill disposal site in the Port of Tokyo is the last remaining landfill disposal site in Tokyo. TEPSC carries out landfill operations safely and appropriately to extend the service life of this limited disposal capacity while also working to minimize its environmental impact.



Supplied by the Tokyo Metropolitan Government Bureau of Environment

Operations at the Central Breakwater Inner Landfill Site

TEPSC has been commissioned by the Clean Authority of Tokyo to carry out operations at the intermediate waste treatment facilities on the central breakwater inner landfill site. These operations include waste reception, loading and transporting crushed bulky waste, and environmental conservation work such as cleaning tanks and pipelines.



Operations at the Central Breakwater Outer Landfill Site

TEPSC has been commissioned by the Tokyo Metropolitan Government to carry out operations at the central breakwater outer landfill disposal site. These include supervising waste reception, landfill operations such as soil covering, and environmental conservation work, including measures to prevent litter from scattering.



Environmental conservation of rivers

We have been commissioned by the Tokyo Metropolitan Government to collect and dispose of floating debris using work vessels on 29 rivers in Tokyo, including the Sumida River and the Kanda River, to help conserve the river environment. This work is carried out on more than 300 days each year.



TOPICS

Guided tours of landfill disposal sites

We offer guided tours of the central breakwater outer landfill disposal site and waste treatment facilities for Tokyo residents, elementary school students, and other visitors. These tours help raise awareness of the importance of extending the service life of landfill disposal sites and reducing waste.

Tokyo 2035 Policy Targets

Incineration of plastic waste (compared to FY2017)



50% reduction

Recycling rate of municipal solid waste



Approximately 40% (indicative level)

TEPSC in Your Community



Promoting proper waste management

Holding industrial waste management training seminars

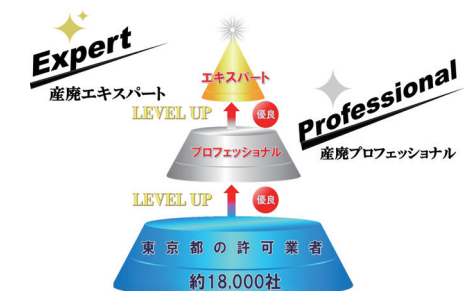
We hold training seminars for waste generators and waste management service providers on the proper management of industrial waste and compliance with relevant laws and regulations.

Medical waste management promotion project

We promote the proper management of medical waste by providing a tracking and management system that combines electronic manifests with certified industrial waste management service providers for waste generated by medical institutions.

Certification Program for Compliance with Excellence Standards [Industrial Waste Experts / Industrial Waste Professionals]

We are designated by the Governor of Tokyo as a third-party evaluation body. We fairly and appropriately assess industrial waste management service providers and certify those that meet the criteria as certified excellent operators.



Maintenance and technical support for waste treatment facilities

Maintenance of instruments at incineration plants*

We carry out inspection and maintenance of flue gas analyzers and other monitoring instruments installed at incineration plants in the 23 wards and other areas of Tokyo, operating more than 300 days per year, day and night.

* Work commissioned by the Clean Authority of Tokyo and other entities.



Legally mandated septic tank inspection program

We are designated by the Governor of Tokyo as an authorized inspection body and conduct statutory inspections of septic tanks throughout Tokyo. Inspection fees can be paid on site in cash, by credit card, electronic money, or QR code payment.





Toward a more comfortable air environment

Although Tokyo's air quality has improved significantly compared to the past, challenges remain, including PM2.5 and photochemical smog, which continue to affect human health and the environment. To further improve air quality, it is necessary to reduce substances that cause air pollution.

We work in cooperation with the Tokyo Metropolitan Government to support voluntary initiatives by businesses aimed at improving the air environment. At the same time, we carry out a variety of initiatives to achieve a more comfortable air environment, including public relations activities that encourage Tokyo residents to take air-quality considerations into account in their daily lives.

Further improvement of the air environment

Tokyo 2035 Policy Targets

Photochemical oxidant concentration



0.07 ppm or lower at all monitoring stations

Air Quality Improvement Program for Realizing a "Clear Sky"

Through public relations activities such as events and photo contests for Tokyo residents, we raise awareness of the project and introduce practical measures that individuals can take to improve the air environment. In addition, we hold the Clear Sky Supporter Award, a participatory program for Tokyo residents, to recognize and support businesses that voluntarily implement air quality improvement measures.



Promotion program for introducing energy-efficient VOC emission reduction equipment

To strengthen decarbonization efforts and further improve the air environment, we provide subsidies for the installation of VOC (volatile organic compounds) control equipment—which helps reduce photochemical smog and the use of petroleum-based raw materials—as well as energy-efficient air conditioning and ventilation systems equipped with VOC reduction functions.



Cleaning



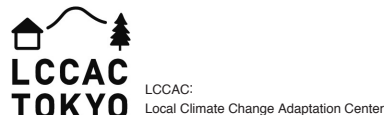
Spray guns for factory painting applications



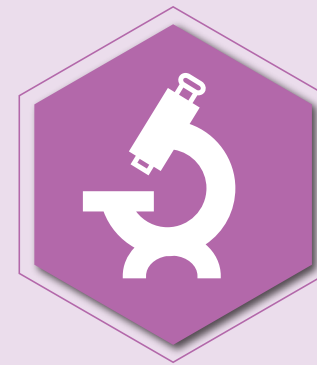
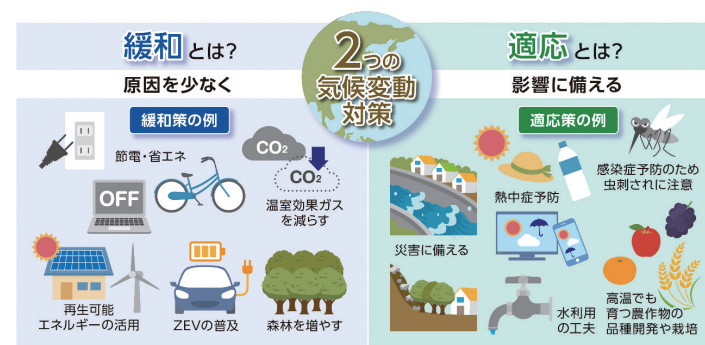
Printing machines

Local Climate Change Adaptation Center in Tokyo

The Local Climate Change Adaptation Center in Tokyo serves as a hub for collecting, organizing, analyzing, and disseminating information on the impacts of climate change and climate change adaptation in Tokyo, as well as providing technical advice. Established in January 2022 at the Tokyo Metropolitan Research Institute for Environmental Protection, which has conducted research on urban heat island countermeasures, the Center was created in accordance with Article 13 of the Climate Change Adaptation Act as a regional climate change adaptation center. The Center works in close cooperation with relevant departments of the Tokyo Metropolitan Government, as well as with municipal governments, to promote climate change adaptation initiatives.



LCCAC:
Local Climate Change Adaptation Center



Promoting research projects to address environmental issues

Environmental issues arise from the complex interaction of multiple factors, including nature, resource circulation, air, water, and energy. The Institute conducts cross-disciplinary, comprehensive research that supports the development of the Tokyo Metropolitan Government's environmental policies. It also promotes collaboration with other research institutions on specific issues. Through these broad-ranging initiatives, the Institute contributes to solving environmental challenges.

TEPSC in Your Community



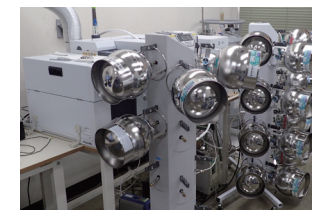
Promoting comprehensive research to enhance the effectiveness of Tokyo's environmental policies

Research projects

We conduct research projects that support the Tokyo Metropolitan Government's (TMG) environmental administration, including research commissioned by TMG, collaborative research with other research institutions, and research funded through external grants.

Research on measures to reduce high concentrations of photochemical oxidants

We conduct research into the occurrence of volatile organic compounds (VOCs), which are considered to be precursors of photochemical oxidants, as well as research on identifying their emission sources.



Analysis system for volatile organic compounds (VOCs) and related compounds

Research on reducing concentrations of fine particulate matter

We investigate the factors contributing to high concentrations of PM2.5 and conduct research into effective measures to reduce its concentration. We also monitor the concentration of nanoparticles in Tokyo's atmosphere and investigate the factors contributing to elevated concentrations.

Research on the recycling of biomass resources without relying on incineration

We investigate the recycling of biomass resources in urban areas and provide information that supports the Tokyo Metropolitan Government's environmental policies. We also conduct research, including the analysis required to develop material flow models and assess environmental impacts.

Research on decarbonization measures for small and medium-sized business facilities

We survey CO₂ emissions and climate change mitigation measures at small and medium-sized business facilities classified as quasi-large-scale facilities (with a total floor area of 10,000 m² or more) in Tokyo. We also estimate the potential for CO₂ emission reductions and examine future measures.

Research on risk assessment and risk management of hazardous chemical substances

We identify chemical substances that may have an impact on Tokyo's environment and conduct research into their emission sources, environmental risks, and measures to reduce those risks. We also develop analytical methods for the early detection of chemical spills and promote initiatives to visualize chemical risks.



Research on water environment conservation

To support improvements in Tokyo's aquatic environment, we conduct research into the growth and distribution of aquatic organisms in coastal waters, evaluate the effectiveness of environmental restoration technologies, and investigate the distribution and sources of indicator bacteria. In addition, we conduct research to assess the current status of groundwater in Tokyo.

Research on strengthening conservation measures for wildlife species of conservation concern

We use environmental DNA (eDNA) surveys and other methods to assess the habitat status of wildlife species of conservation concern in Tokyo, including fish and amphibians. We also conduct research into changes in their habitats and their replacement by invasive alien species.

Learn more about our research

In addition to the research introduced here, we conduct independent research proposed by our researchers and carry out externally-funded research projects, including those supported by Grants-in-Aid for Scientific Research (KAKENHI) and the Environment Research and Technology Development Fund (ERTDF).

<https://www.tokyokankyo.jp/kankyoken/research>

List of research projects



Technical support

We provide technical support to staff of the Tokyo Metropolitan Government and municipal governments, including technical training, analytical quality control, and monitoring of atmospheric concentrations of fluorocarbons. By providing the scientific knowledge and specialized technical expertise necessary for promoting environmental policies, we contribute to the reliable implementation of environmental policies and the improvement of the environment.

Public relations and communications

"Let's Science" open house (held once a year)

We offer science experiment classes led by our researchers, hands-on workshops, and guided tours of the Institute. Participants of all ages, from elementary school students to adults, are welcome.

Study tours and visits (open year-round)

We accept study tours and visits throughout the year from educational institutions in Tokyo, Tokyo residents, administrative personnel, and international trainees. Reservations can be made via the Institute's website.

Open research presentation (once a year)

Research results are presented each year between December and February. We share our latest research topics widely with Tokyo residents and relevant organizations.

Annual reports, academic presentations, and institute news, etc.

Research results are continuously disseminated through annual reports, academic presentations, Institute news, and other channels. For details, please visit our website.



Public awareness and education

Learn more about the environment

Our planet faces a wide range of environmental challenges. TEPSC uses knowledge and field experience gained through its work in the fields of energy, resource circulation, and the natural environment, coupled with research activities to provide many opportunities for Tokyo residents to deepen their understanding of environmental issues.



Website Introduction

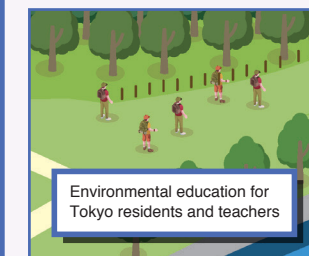
This website introduces various programs designed to deepen knowledge about the environment and encourage action toward a sustainable future through hands-on experiences.

Learn, experience

<https://www.tokyokankyo.jp/learn/>



TEPSC in Your Community



TOKYO-ecosteps

TOKYO-ecosteps is a membership program that encourages everyone to enjoy continuing eco-friendly actions through environmentally conscious experiences and learning opportunities.

TOKYO-ecosteps website

Once you register as a member, you earn "Step Points" for each eco-friendly action you take. Accumulated points can be exchanged for chances to apply for various rewards.

<https://www.tokyo-ecosteps.jp/>



TOKYO-ecosteps LINE



Themed environmental learning programs for Tokyo residents

We offer Tokyo residents a variety of engaging programs designed to help them learn about and think about topics such as energy, biodiversity, and resource circulation in an enjoyable way.



Environmental education training for elementary school teachers

We conduct training sessions for elementary school teachers during school vacation periods such as summer break. These sessions introduce environmental education programs aligned with the elementary school curriculum and provide opportunities for hands-on experience.



Tokyo Ecomanabu

The Tokyo Ecomanabu website, a learning site for children by the Tokyo Environmental Public Service Corporation, has been renewed and relaunched.

Tokyo Ecomanabu website

Here, children can learn about energy, resource circulation, and the natural environment, and discover what they can start doing today to support a better future for our planet.

<https://www.tokyokankyo.jp/study/>



On-demand classes on hydrogen energy

We conduct on-demand classes for elementary school students on hydrogen energy, which is expected to play an important role in creating a sustainable, low-carbon city.



水素情報館 東京スイソミル Tokyo Hydrogen Museum



Tokyo Hydrogen Museum (Tokyo Suiso Miru)

<https://www.tokyo-suisomiru.jp/>



▶ Guided tours ◀

The Tokyo Hydrogen Museum offers guided tours by reservation. These tours are suitable for a wide range of visitors, including business professionals, international media, and school groups. Tours last approximately 60 minutes and are tailored to the age and needs of participants.

▶ Event Information ◀

Throughout the year, we host events where participants can enjoy learning about hydrogen. A wide range of programs is offered, including corporate collaboration events and hands-on experiment classes, designed to be enjoyable for both elementary school students and adults. Details are announced on the official website as they become available.

▶ Exhibits ◀

We aim to provide visitors with a place where they can feel closer to hydrogen energy. Through quizzes and hands-on experience corners, visitors can enjoy learning about hydrogen. The exhibits also introduce green hydrogen production equipment, as well as technologies and initiatives related to the practical use of hydrogen energy in society.

Address 1-3-2 Shiomi, Koto-ku, Tokyo

Closed

Mondays and from December 28 through January 4
Note: Open on Mondays that fall on national holidays; closed on the following weekday.

Open From 9 a.m. to 5 p.m.
(Last entry: 4:30 p.m.)

Telephone 03-6666-6761

Access

•8-minute walk from JR Keiyo Line Shiomi Station
•20-minute walk from Tokyo Metro Yurakucho Line Tatsumi Station
•1-minute walk from Shiomi 1-chome bus stop
(Toei Bus Route Kinshi 13-Otsu: Kinshicho – Fukagawa Shako)