

Reference

1. Images of Tokyo in 10 Years
— contributed by Tadao Ando
2. The Three Perspectives of the 10-Year Plan
3. Summary of the 10-Year Plan

Tokyo in 10 Years

From the waterfront area to the Olympic Stadium, the Imperial Palace and on to Meijiingu Shrine, the main green zones will be linked to create a wind tunnel and a corridor of greenery.



Housing complex opening on to the waterfront

The waterfront area will become an open space integrating harmoniously with the housing complex. An attractive environment full of greenery will create interaction between people and an atmosphere bustling with activity.



The three perspectives of the 10-Year Plan

○ Transform society using Tokyo's cutting-edge scientific and technological capabilities

Examples of specific policies

- ◇ Support the development of new technologies and products instrumental in solving social issues such as the environment, health/medicine/welfare, and crisis management
- ◇ Minimize damage from earthquakes by utilizing the latest seismic resistance/isolation technologies
- ◇ Promote research on prevention and treatment for Alzheimer's disease as well as the development of life support robots
- ◇ Actively introduce bio-diesel fuel and other forms of next-generation energy
- ◇ Control traffic flow using ITS technologies
- ◇ Provide tourist information and support mobility using ubiquitous computing terminals
- ◇ Promote sports among people with disabilities using the latest technologies

○ Realign systems for development of human resources utilizing Tokyo's highly concentrated strengths

Examples of specific policies

- ◇ Establish a unique scholarship system in Tokyo to support people returning to universities or graduate schools (for the development of high level industrial personnel)
- ◇ Build multiple routes of education for technical personnel (to ensure a stable supply of leaders/skilled workers to support the industry of Tokyo)
- ◇ Train highly qualified doctors (examine the possibility of establishing a medical school)
- ◇ Utilize Tokyo Metropolitan University to foster tourism professionals such as personnel to design communities attractive to tourists, park rangers, etc. (establish a natural and cultural tourism course, special course for tourism science)
- ◇ Establish a consecutive 6-year secondary school at the former Akikawa High School to train top athletes

○ Collaborate and cooperate with other East Asian cities

Examples of specific policies

- ◇ Spread and support efficient energy consumption in Asia by using the most advanced energy-saving technology in the world
- ◇ Establish the Asia Human Resources Fund (to develop personnel who will play leading roles in their country's manufacturing industries)
- ◇ Unfold sports support programs in other countries centering on Asia (accept students studying sports from other countries, host competitions for Asian youth, etc)
- ◇ Nurture artists, designers and other future leaders in various aspects of culture from Asia and the world, and provide them with an opportunity to present their work

Summary of the 10-Year Plan

1. Restore Tokyo's beauty as a city of water and greenery

The waterside environment and greenery lost during the capital's rapid development will be restored and beautiful landscapes will be created to further enhance the overall value of Tokyo.

	In 10 Years	Specific policies
(1) Create new urban spaces coexisting with waterfront areas and surrounded by lush greenery	<ul style="list-style-type: none"> ○ Tokyo will be encircled by an environment of green through the creation of greenery and waterfront environs along the Tamagawa and Arakawa rivers and the areas lying in between. A green network will have been formed by connecting the green areas in central Tokyo by tree-lined roads. ○ Greenery will be increasing in all corners of the city through the unified efforts of private corporations and residents. ○ Lively waterfront areas will present attractive views from the sea and rivers. 	<ul style="list-style-type: none"> ● Create the Umi-no-Mori (green island) in the waterfront area and form a Green Road Network of tree-lined highways to link this with green areas (700 hectares in total) in the center of Tokyo to also create a wind tunnel ● Create 1,000 ha of new greenery by greening every urban corner, including rooftops and walls of buildings, and by sowing lawns at all public elementary and junior high schools ● Unfold a "Green Movement" campaign throughout Tokyo that, through establishment of new fund-raising schemes etc., will involve private companies and Tokyo residents ● Develop cityscapes where building facades face the sea or rivers. Create a marine transport network connecting Haneda Airport and central Tokyo
(2) Promote removal of utility poles in line with creation of the green network	<ul style="list-style-type: none"> ○ The removal of utility poles will be expanding mainly in the central areas of the city and the removal of all poles along metropolitan roads in the central core area of Tokyo will have been completed. 	<ul style="list-style-type: none"> ● Eliminate utility poles along the waterfront and in Roppongi, Akasaka, Azabu, Akihabara, Kanda and other areas in central Tokyo to double the current utility pole-free area ● Complete the removal of all utility poles along Tokyo Metropolitan roads within the central core area
(3) Create beautiful urban landscapes to enhance the overall value of Tokyo	<ul style="list-style-type: none"> ○ Beautiful urban landscapes will have been created to serve as legacies to following generations, enhancing the value of Tokyo as a mature city. 	<ul style="list-style-type: none"> ● Designate the waterfront and riverside areas as "Special Landscape Creation Areas", ensure that beautiful views can be seen from offshore by controlling the color schemes and height of buildings ● Ban outdoor advertisements in some designated areas and control color and illumination to form streetscapes which possess a unified identity

2. Transform Tokyo through the three loop roads

The development of the three loop roads will alleviate traffic congestion, which constitutes one of Tokyo's biggest weaknesses, Tokyo's international competitiveness will be enhanced, and by maximum utilization of the city's ample traffic infrastructure, Tokyo will become a highly pleasant and convenient city.

	In 10 Years	Specific policies
(1) Realize a highly efficient and convenient city with no traffic congestion	<ul style="list-style-type: none"> ○ A dramatic reduction of traffic congestion and significant reduction of CO₂ emissions will have been brought about through the approximate 90% completion of the three loop roads projects. ○ Tokyo's international competitiveness will be increasing with stronger port and airport functions as well as a bolstered network linking land, sea and air. ○ The Tama area will be developing as the core industrial center for the Greater Tokyo Area. 	<ul style="list-style-type: none"> ● Promote the development of the three loop roads, circular routes in the ward area, the Tama North-South Road and other main roads, and urge the central government to review the express toll system to promote the use of expressways. ● Strengthen Tokyo port functions, further expand and internationalize Haneda Airport, improve airport access by making improvements to Keikyu Kamata Station, and boost distribution network efficiency by eliminating bottlenecks.. ● Develop the Tama area as a new industrial center (Tama "Silicon Valley") by taking advantage of the opening of the National Capital Region Central Loop Road (Ken-o-do Expressway) and the dual civilian / military use of Yokota Air Base.
(2) Realize a comfortable urban lifestyle with low environmental impact through utilization of the city's capacious traffic infrastructure	<ul style="list-style-type: none"> ○ A capacious traffic infrastructure will have been achieved and an eco-friendly transportation network that can be used comfortably by everyone will have been completed through provision of reliable and speedy bus services, etc. ○ Development of compact communities around railway stations will have created environments that are friendly to senior citizens and rely less on private vehicles. ○ Infrastructure will be more durable through strategic maintenance and management. 	<ul style="list-style-type: none"> ● Revive bus services through the reduction of traffic congestion, utilize ITS technologies, promote low-pollution vehicle use, and encourage bicycle use by developing cycling paths and lanes. ● Concentrate various urban functions around railway stations and develop public spaces to serve as hubs for interaction ● Change social capital orientation to focus on protective maintenance, secure quality housing and promote housing longevity.

3. Have Tokyo become the city with the lowest environmental load in the world

Tokyo will become the city with the lowest environmental load in the world by implementing measures such as utilization of the latest energy-saving technologies to address global warming and other environmental crises facing the world, and these achievements will be shared with Asia and the rest of the world.

	In 10 Years	Specific Policies
(1) Unfold an advanced environmental policy unique to Tokyo	○ By leading the way in promotion of an energy strategy unique to Tokyo as urban policy, Tokyo will become an advanced, environmentally-aware city with the world's lowest burdens on the environment.	<ul style="list-style-type: none"> • Advance greater efficiency in energy consumption together with urban development by implementing energy policy as an integral part of urban policy • Promote the system of distributed energy supply to establish energy supply sources near the site of demand • Launch collaboration with residents and the private sector to engage in efforts to reduce burdens on the environment such as promoting the development of superb environmental technologies and environmental studies for children, through initiatives led by the TMG
(2) Promote the world's first "10-Year Project for a Carbon-Minus Tokyo"	○ Metropolitan-wide implementation of the Carbon Minus project will be under way, utilizing cutting-edge environmental technologies to achieve the targeted 25% reduction of CO₂ emissions from 2000 levels by the year 2020.	<ul style="list-style-type: none"> • Introduce renewable energy sources, promote wide adoption of heat pumps and co-generation systems, and implement concentrated measures to address the heat island effect in central Tokyo • Introduce various environmental technologies to the cities of Asia • Establish a Committee for Development of a Carbon-Minus Urban Environment within the TMG and a Fund for Promotion of Measures against Climate Change
(3) Supply safe and tasty water, and promote the utilization of water resources	○ Everyone, from children to adults, will be able to drink water that is safe and tasty, and recycled waste water will be utilized as a valuable water resource to improve the urban environment.	<ul style="list-style-type: none"> • Promote treatment of all water from the Tonegawa River system by an advanced water purification system. Promote the introduction of direct water supply from water mains to the taps in public elementary schools • Improve the quality of recycled waste water and link the introduction of recycled water with community development
(4) Promote reduction, reuse and recycling of waste	○ Society will be well aware of the need to reduce and reuse wastes, and diverse systems for recycling will have been established.	<ul style="list-style-type: none"> • Promote various methods of recycling such as thermal recycling. • Make wastes traceable using IC tags, develop good waste treatment companies through third party evaluation, and promote the Super Eco Town Project

4. Strengthen Tokyo's disaster preparedness to enhance credibility

Along with focusing efforts for measures against earthquakes, a challenge Tokyo is destined to face, anti-terrorism measures using the latest technology will be promoted to significantly enhance international trust in Tokyo and to create an earthquake-resilient Tokyo for the future.

	In 10 Years	Specific Policies
(1) Concentrated efforts for measures against earthquake disasters	<ul style="list-style-type: none"> ○ International evaluation of Tokyo and Tokyo's credibility will be enhanced through the promotion of earthquake disaster preparedness in buildings, roads and other urban facilities using the latest seismic resistance technologies. ○ Comprehensive risk management policies will have been established to ensure the early restoration of urban functions in the aftermath of a disaster. 	<ul style="list-style-type: none"> • Ensure quake-resistance of all buildings along emergency transport roads, elementary and junior high schools, hospitals and other facilities important for disaster management • Make more than 90% of houses within Tokyo earthquake-resistant to reduce damage estimates by half • Create a disaster management network utilizing parks, unused land, and waterways • Introduce a system for immediate communication of disaster information and establish a rescue system that utilizes robot technology, etc. • Have the TMG and companies prepare business continuity plans (BCPs)
(2) Realize highly accurate and smart anti-terrorist measures using cutting-edge technologies	○ The safety and security of residents and visitors will be ensured through the introduction of more accurate and efficient systems for detection of hazardous material and other advanced technologies.	<ul style="list-style-type: none"> • Implement highly accurate and efficient measures against terrorism using leading-edge technologies

5. Create the world's first urban model for a super-aging society

Tokyo will be the first city in the world with a super-aging population. Tokyo will create a new vision of active elderly lifestyles and realize a city where anyone can live safely.

	In 10 Years	Specific Policies
(1) Vitalize the super-aged society by having senior citizens play active roles in society	<ul style="list-style-type: none"> ○ As achievements of leading-edge research in medical care and welfare, senior citizens will be living healthy and independent lives in their community. ○ The image of senior citizens will have changed dramatically to one in which they invigorate society by playing active roles in various fields using their experience and expertise. 	<ul style="list-style-type: none"> • Reduce burdens on families caring for patients at home by promoting R&D for the prevention and treatment of Alzheimer's disease as well as introducing support systems that use cutting-edge technology. • Create various opportunities for motivated senior citizens to take an active part in society such as providing support for business start-ups, promoting their contribution to Asia, etc.,
(2) Strive to realize a community where everyone can live safely and comfortably	<ul style="list-style-type: none"> ○ Communities will be places where all residents can live safely and comfortably regardless of age, disabilities, nationality, etc. 	<ul style="list-style-type: none"> • Create 30,000 new jobs for people with disabilities by making the most of Tokyo's high concentration of companies. • Promote competition among various childcare services to reduce to zero the 5,000 children waiting to enter daycare centers. • Improve community crime prevention through cooperation between crime prevention volunteers and information technologies.
(3) Create an environment in which people can receive high quality medical care and live in a healthy manner throughout their lives	<ul style="list-style-type: none"> ○ The active role of health-care staff at places of employment or in the community will allow the early discovery and treatment of physical or mental disorders, and the system for emergency medical care will be boosted through utilization of advanced technologies such as information technologies. ○ By engaging in the development of human resources focusing on actual practice, physicians with high clinical competence who are patient oriented will be playing an active role in various medical fields. 	<ul style="list-style-type: none"> • Develop systems such as the "gatekeeper" system in which personnel at places of employment or the community can watch over people, and promote R&D for diagnosis and treatment of cancer and other diseases using the newly established Fund to Ensure Health and Welfare. • Establish the Metropolitan Hospital Doctor Academy and study the establishment of a medical school as a professional post graduate school to provide high quality medical care.

6. Make Tokyo more prominent in terms of culture, tourism, universal design and industry

Tokyo's value will be enhanced by introducing its unique culture that mixes tradition and cutting edge innovations as well as by strategically developing new industries

	In 10 Years	Specific Policies
(1) Create and introduce Tokyo's new culture, and promote international exchanges	<ul style="list-style-type: none"> ○ Through vigorous creation and introduction of a culture that is distinctive to Tokyo, Tokyo's cultural standing in the world will be established, and it will be the cultural center of Asia. 	<ul style="list-style-type: none"> • Establish the Fund for Promotion and Exchange in Sports and Culture to implement large-scale cultural projects and international exchanges as part of the city's bid to host the Olympic Games
(2) Increase the number of foreign visitors to Tokyo to 10 million	<ul style="list-style-type: none"> ○ Tokyo will be one of the most popular tourist destinations in the world attracting 10 million foreign visitors annually by introducing the world to the attractions Tokyo has to offer such as new cultural hubs and the waterfront areas. 	<ul style="list-style-type: none"> • Develop areas such as Ueno (cultural forest), Toyosu (bustling food center of Tokyo), and waterfront area (urban spaces providing around the clock entertainment) as new areas to transmit the charms of Tokyo • Create waterfront areas brimming with vitality, and develop a water transportation network • Establish a new course at the Tokyo Metropolitan University to train tourism professionals
(3) Tokyo to lead the world in universal design	<ul style="list-style-type: none"> ○ With comprehensive development of communities incorporating universal design, everyone, including foreign visitors, will experience no difficulty in moving around the city. 	<ul style="list-style-type: none"> • Designate 10 priority development areas for the promotion of community development based on universal design using ubiquitous technologies, etc.
(4) Focused development of industries that support the development of the megalopolis of Tokyo	<ul style="list-style-type: none"> ○ Urban industries (creative urban industries), which support the future of Tokyo, will have grown dramatically to pull the Japanese economy through ripple effects creating new industrial fields and businesses. 	<ul style="list-style-type: none"> • Support and develop industries that address social issues such as the environment, industries that disseminate creative information, including anime and fashion, and industries that utilize urban infrastructure, such as home information appliances (electronic devices), which are expected to develop with the opening of the three loop roads

7. Create a society where motivated individuals can pursue their ambitions

Children will acquire the necessary skills to support society in the coming era, opportunities will be provided to motivated people to pursue their ambitions in Tokyo, and a system to facilitate NPOs, volunteers and other organizations/individuals working to support society will be established.

	In 10 Years	Specific Policies
(1) Ensure the well-rounded development of children who will support society in the coming era	○ Young people will be well-prepared to support society in the coming era with every child mastering the basics of each subject, improvement of the quality of teachers, and school and community cooperation to provide children with opportunities to learn by experience.	<ul style="list-style-type: none"> • Formulate the Tokyo Minimum, educational standards specifying minimum study requirements, and secure teachers with practical teaching skills by utilizing teacher training graduate schools • Create a comprehensive educational program for preschoolers through to adolescents that develops awareness of being a member of society
(2) Create a more flexible system that can allow individuals to choose how they will work and to pursue their ambitions	○ People will be able to pursue their career ambitions at any stage of their life, and a sufficient number of diverse, high-quality human resources will be available on a steady basis.	<ul style="list-style-type: none"> • Establish the Continuing Education Scholarship to support people who wish to re-enter university or graduate school • Secure a stable supply of skilled technical personnel through the expansion of technical colleges, and establish a system to certify them as Tokyo Technical Experts
(3) Strategically develop and support human resources who will support the future of Asia	○ Talented human resources from the Asian region who have boosted their skills by studying in Tokyo will be demonstrating their abilities in a variety of fields while also serving as bridges between Tokyo and their respective countries.	<ul style="list-style-type: none"> • Develop support systems such as the Asia Human Resources Fund to promote the reception of talented individuals from around Asia to Tokyo for training. Create a human resources network between Tokyo and the Asian countries through the Asia Human Resources Bank
(4) Various entities will lead the community in resolving social issues	○ "Social entrepreneurs" and various other organizations/individuals will be working actively to solve social issues.	<ul style="list-style-type: none"> • Provide various funding plans in collaboration with financial institutions to give financial support to "social entrepreneurs" in their business start-ups and management

8. Promote sport to provide dreams to children

Tokyo will contribute to the healthy development of children around the world and improve athletic competitiveness through the promotion of sport, and will achieve a society where people can lead healthy lives.

	In 10 Years	Specific Policies
(1) Realize world-class athletic competitiveness, and contribute to the development of the world's next generation	○ Athletes who were trained in Tokyo will be successfully demonstrating their skills at the Olympics and other international sporting events, and will be contributing to the development of the next generation in Asia and the rest of the world through sport.	<ul style="list-style-type: none"> • Establish Tokyo's own Fund to Promote Sport and Cultural Exchanges to be used for the hosting of international events and promoting the development of the next generation centering in Asia • Develop the former Akikawa High School into a consecutive 6-year secondary school for the training of top-level athletes
(2) Realize a society in which everyone can enjoy sports throughout their lives	○ Children will be healthy and more intimate with sport through the broadening number of people active in sports and the creation of environments conducive to outdoor play.	<ul style="list-style-type: none"> • Sow lawns at all public elementary and junior high schools in Tokyo in order to create an environment that allows children to experience the joy of physical activity
(3) Promote the volunteer spirit and encourage individuals to participate in volunteer activities.	○ By participating in the operation of large-scale sporting events, the spirit of the Olympic movement will have permeated throughout Tokyo, and the residents will be brimming over with volunteer spirit.	<ul style="list-style-type: none"> • Create a system that encourages volunteer participation such as using the occasions of the Tokyo Marathon and other major sporting events to have people register in the Tokyo Volunteer Bank