Disseminate arts and culture to the world

the implementation

of renewable energy

## Build a more attractive city

Accelerate

Enjoy sports even more

of life possible

Get into a new business

Achieve self-fulfilment vigorously

## Empower "you time" Develop a safe and secure city through digital transformation

Support youth

to take on challenges

Enjoy Tokyo's Nightlife

Progress to Advanced Mobility

Be more in harmony with nature

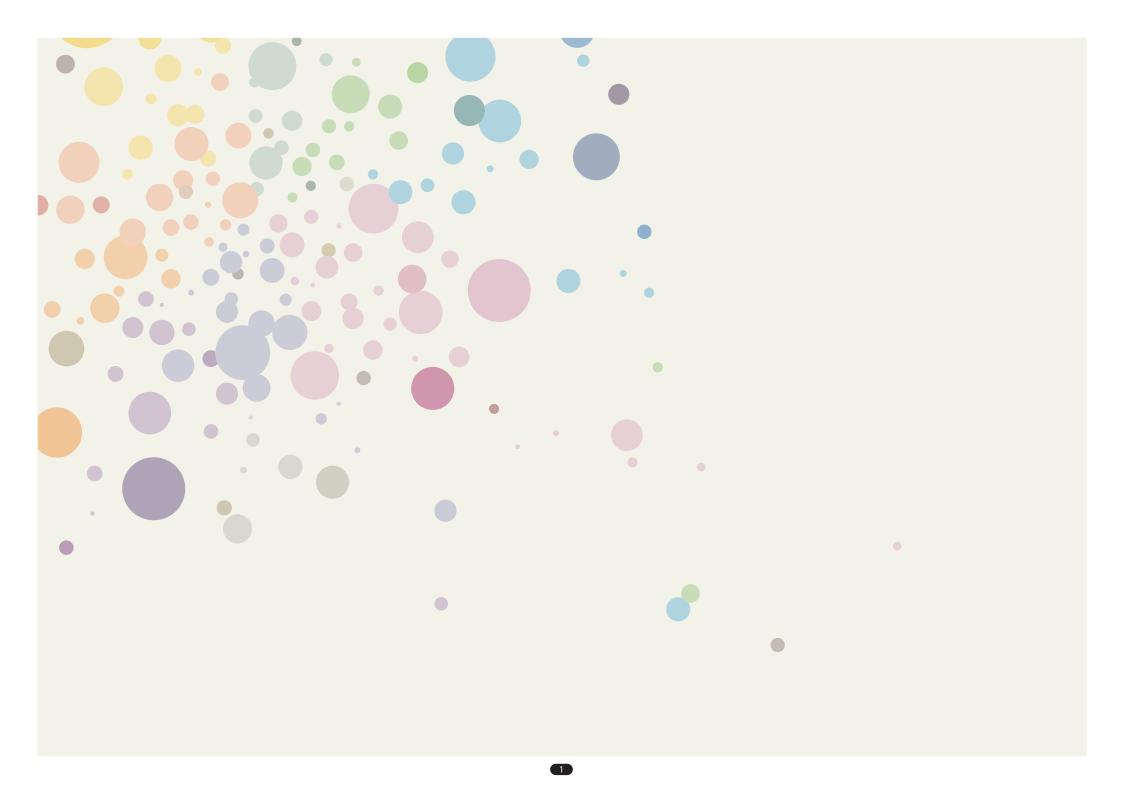
Be fully prepared for disasters

Realize a society in which women Raise children with peace of mind can play an active role

## Further emphasize Children First

Tokyo2050Strategy Unlocking a Better Future

March 2025 TOKYO METROPOLITAN GOVERNMENT



#### Why are we now envisioning Tokyo in the 2050s?

- OMilestones are a part of history. Humanity strode forward by taking the opportunities presented by huge waves of change to reshape politics, the economy, and society. And now, after overcoming the unprecedented crisis of the COVID-19 pandemic, we find ourselves at another milestone in history, the dawn of the digital age.
- OWhen we think about our future, the tense international situation, the climate crisis, and a dwindling and aging population all factor in to make any vision extremely uncertain and unstable.
- ○At the same time, however, we believe that this presents us with an opportunity to change what could not be changed before and to use our powers to design the future of our choice.
- The times are moving at an incredibly fast pace, and change is accelerating. A world in which things that took a century to do in the past can be accomplished in 50 years, 20 years, and even as quickly as 10 years, is no longer a dream.
- OAssuming this to be true, the future awaiting us in Tokyo in the 2050s, just 25 years from now, is sure to be radically different from what has come before. That is precisely why we have now put together a new vision for the future to serve as a compass guiding the administrative responsibilities and services of the Tokyo Metropolitan Government.
- OThe 2050 Tokyo Strategy, which we have now formulated, is also replete with the ideas presented by our residents on how they want to transform Tokyo. Upon the foundations laid by our predecessors, we will rebuild Tokyo into a city that drives the world's growth while maintaining the perspective of putting Tokyo residents first.
- OWe will accelerate our efforts even more without fear of change, unfettered by outdated ideas and preconceptions, and by aggressively introducing completely new approaches such as AI technology. In addition, the key to a brighter future is none other than empowering the "you time" of our residents, generating more personal time for them through comprehensive implementation of digital transformation.
- O "Protecting the capital" to uphold the lives and livelihoods of the residents of Tokyo and the future. With these words firmly in mind, we will work together with you to make Tokyo the best city in the world—a city that balances maturity and ongoing growth, and where all individuals shine and feel a sense of wellbeing.



March 2025 Koike Yuriko Governor of Tokyo

# Tokyo 2050 Strategy Unlocking a Better Future

#### NEW COMPASS

Society has been changing at an unforeseen pace, with the ever-intensifying climate crisis, the shrinking and graying population, and the explosive evolution of technologies such as generative AI. It is precisely because we live in such an era that we need to turn accelerated change into an opportunity and chart a trajectory for even greater progress. The "Tokyo 2050 Strategy" is a new compass that integrates policies to be implemented by 2035 to realize the "Vision" of what Tokyo aims to be in the 2050s.

#### VISION FOR THE 2050s

The best city in the world—a city that balances maturity and ongoing growth where all individuals shine and feel a sense of wellbeing

Better!! Better!! Better!! **Diverse City Smart City** Safe City Developing a safe and secure Tokyo Enhancing Tokyo's full potential for a Creating a Tokyo where everyone can more vibrant Tokyo by building a resilient and fulfill their dreams and hopes, and each individual shines even brighter sustainable city

3

## Table of Contents

• "Vision" for 2050s and "Strategies" toward 2035

#### **Diverse City**

01 Children · · · · · P12			
02 Childcare · · · · · P13			
03 Education · · · · · P15			
04 Youth · · · · · · P16			
05 Women's			
Empowerment · · · · · P17			
06 Work Style · · · · · P18			
07 Longevity (Chōju) • • • • P19			
08 Community · · · · · P21			
09 Inclusive Society · · · · · P22			

<b>Smart City</b>
-------------------

10 Startup · · · · · P24		
11 Digital ••••••P25		
12 Global Finance · · · · · P26		
13 Industry · · · · · P27		
14 Tourism · · · · · P29		
15 Culture & Entertainment · P31		
16 Sports · · · · · P32		
17 City Planning & Housing • P33		
18 Infrastructure &		
Transportation · · · · · P35		
19 Greenery and Water · · · P37		

4

#### Safe City

	20 Zero Emission · · · · · P40	
21 Urban Resilience · · · · · P41		
	22 Disaster Preparedness · P43	
	23 Safety & Security	
	in the City • • • • • • P45	
	24 Medical treatment • • • • P46	

25 Tama area and · · · · · P47		
Tokyo islands		
26 Structural reform ••••• P50		
27 All Japan · · · · · · P51		
28 Co-creating the future • P52		

• Prediction for the 22nd Century • • • • • P53

#### Initiatives and Results to Date

We have been working on various policies to realize a bright future for Tokyo where every individual can shine. Here are some of the major achievements to date.

#### Diverse City Initiatives for a Society Where People Shine



Tokyo's pioneering initiatives led to national policies



## tuition assistance

Reduced the education costs, leading the national government

Private junior high schools	<b>100,000</b> yen		
High schools	Virtually Free		
Metropolitan University	Virtually Free		
No income limits!			

Infertility Treatment Provided its own subsidies for advanced medical expenses not covered by social security (The coverage was extended to virtually married households and income limits were eased)

#### Egg Freezing

Subsidies up to **300,000** yen for the cost of medication, egg retrieval, and egg freezing (The first year: Up to 200,000 yen From the second year onward: For study collaborators, 20,000 yen/year until FY2028)



# 

#### Education

Fostered global human resources by improving English proficiency, etc.

Experiential English Learning Facility **TOKYO GLOBAL GATEWAY** (Aomi: FY2018 / Tachikawa: FY2022) TOKYO GLOBAL GATEWAY

#### Women's Empowerment

#### Supported women's work

Established "Working Women Square" (September 2024)

Support women's advancement through career and labor counseling



#### Longevity (Chōju)

#### Seniors can play a long and active role Companies in need of labor Matching

support Established **Platinum Career** Center (June 2024) Senior personnel

Supported career shifts for seniors who want to remain active

#### Longevity (Chōju)

Special nursing

home for the

Long-term care

health facility

Group home for the demented

elderly

elderly

Steadily built a long-term care service infrastructure

more over

more over

more over

16 years

25 years

37,000 30 years

6,000

8.000





\*Tokyo Metropolitan Ordinance Seeking the Realization of the Principle of Respect for Human Rights Outlined in the Olympic Charter

#### **Inclusive Society**

Inclusive Society

#### Developed inclusive parks

Developed children's playgrounds in Kinuta Park, Fuchu no Mori Park, and other metropolitan parks where anyone can play



#### Education

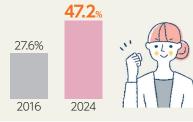
#### **Realized Smart Schools**

One computer per student for learning 3.9 students/device (2019)(2020)High-speed communication network in place 16.6% (2018) Promoted the digitalization of education

#### Women's Empowerment

#### Introduced Tokyo's version of the "quota system"

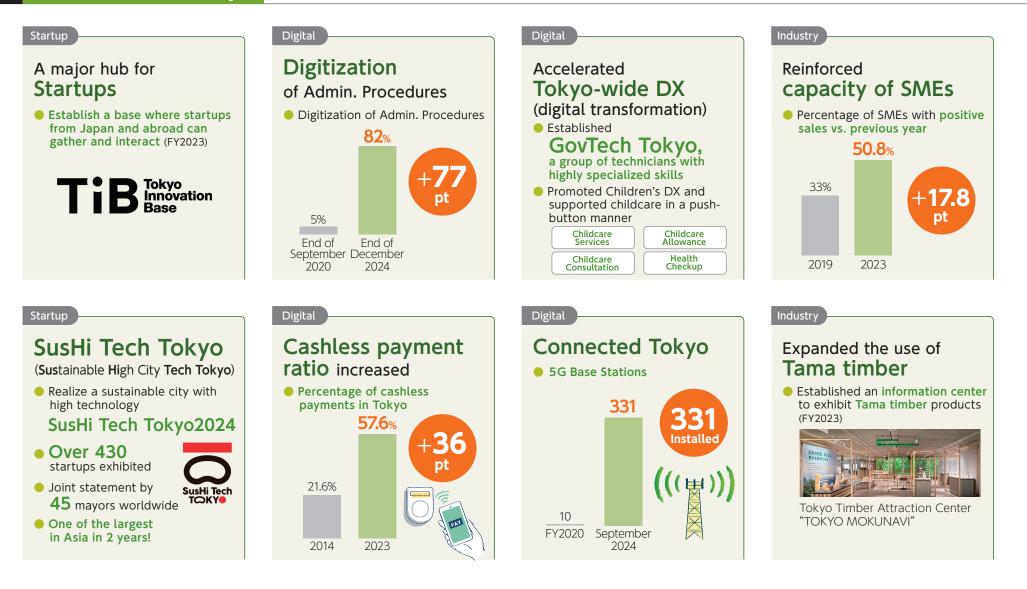
Increased the percentage of women appointed to the Tokyo Metropolitan Deliberation Panels to at least 40%





## Smart City

#### Initiatives Leading to the City's Growth





#### Tourism & Contents

#### Promoted the branding of Tokyo

- Promoted the appeal of Tokyo to the world with the brand icon "Tokyo Tokyo"
- Promoted the value and appeal of traditional skills and long-established products as representative brands of Tokyo through the "Edo Tokyo Kirari Project" Tokyo Tokyo

#### Culture & Sports

#### Succeeded in Tokyo 2020 Games

Tokvo 2020 Games were held safely and securely

- Medals were produced from small appliances
- Volunteers exceeded 80,000

#### Legacy evolved

Tokyo Legacy Half Marathon held



## Reinforced road network

Urban Planned Roads (2016⇒FY2021)



Loop Route No. 2 Chofu-Hoya Line All roads open

#### **Tourism & Contents**

#### Developed animation base

- Opened "Anime Tokyo Station," a base for exhibiting animation (FY2023)
- Promoted the appeal of Japanese animation

content, which has a solid fan base around the world

#### Culture & Sports

Developed a center for art and digital tech

- Established CCBT (Civic Creative Base Tokyo) (FY2022)
- Enhanced opportunities for creation and participation in arts and culture CCBT

8

### Transportation, Community Development, Greenery Tokyo's sea gateway

 Tokyo International **Cruise Terminal** 



- The world's largest cruise ships call at the port
- Harumi Passenger Vessel Terminal Plans to reopen from June 2025



Large-scale private development in the three central wards of Tokyo has created 60,000 m of greenery (2019 onwards) みどりと生きるまちづく

OKYO GREEN BLZ

## Safe City

#### Initiatives to Ensure Safety and Security

#### Zero-Emission

## Reinforced climate change measures

#### Japan's first scheme to mandate the installation of solar panels on new homes (to be enforced from April 2025)

Expanded support for installation

## Zero-Emission

#### Popularized energysaving appliances

- Supported the **CONVERSION** of light bulbs **to LEDs**
- Promoted the Zero-Emi Point System Air conditioners, refrigerators, water heaters, etc.

#### Urban Resilience and Disaster Preparedness

## Strengthened disaster preparedness has significantly improved damage estimates

- Percentage of houses earthquake-proofed
- Percentage of noncombustible areas in development zones expected to suffer particularly severe damage

#### • Elimination of utility poles on metropolitan roads Center core area Mostly completed

#### Death toll Damaged buildings -15.7 in 14 approx. approx. years -3,500 -110thousand approx. 300 thousand approx. +16.5 in 25 9.641 years 190 6.148 thousand 2012 2022 2012 2022

#### Zero-Emission

## Promoted the use of hydrogen energy

- Started using domestically produced green hydrogen in Tokyo (from FY2023)
- Green Hydrogen Trial Transactions for the Launch of a Hydrogen Exchange

#### Zero-Emission

#### Decarbonized Mobility

 Over 60% of new passenger car sales in Tokyo are non-gasoline vehicles

(ZEV or HV vehicles)

 Promoted zero-emission
buses, trucks, and garbage trucks

#### Urban Resilience and Disaster Preparedness

#### Developed communities resilient to wind & flood

- Number of buildings flooded by the typhoon
  - 41,953 Regulating reservoirs and other facilities have drastically reduced damage in typhoons of the same magnitude. 1966 1966 1967 Typhoon Typhoon

No. 21

No. 4

9

#### Urban Resilience and Disaster Preparedness

## Reinforced disaster preparedness

- Distributed seismic breakers to applicable households
- Reinforced measures such as stockpiling support for the types of condominiums that are easier to continue living in even in the event of a disaster
- Distributed useful brochures on disaster preparedness





#### Safety and Security

## Enhanced ability to respond to increasingly diverse and sophisticated crimes

#### • Improved capability to respond to terrorism etc.

• Improved capability to respond to terrorism using cuttingedge technology **analysis equipment**  • Introduced the latest detection equipment and enhanced forensic techniques for on-site **Chemical** 

and **biological** detection

Reinforced cyber security measures
Introduced analysis equipment capable of handling advanced cyber incidents and trained cybersecurity personnel

#### Safety and Security

## Measures to combat crime around us

 As part of the
"TOKYO Child Guards' Circle Project,"
signed agreements with shopping complexes

#### Safety and Security

#### Reduced accident risk by elderly drivers

 Subsidized the installation of safe driving assist devices

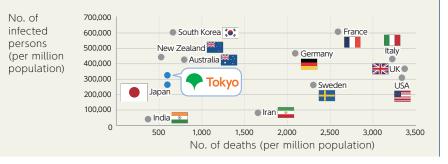
that prevent wrong accelerator pedal operation

Prevent traffic accidents and realize a safe and secure city \*Subsidy ended in FY2021

#### Medical Care

## "Tokyo Model" has resulted in a **lower** number of **infections and deaths** than in other countries

• Number of COVID-19 infections and deaths \*As of May 8, 2023



#### Medical Care

## Founded the Tokyo iCDC

 Support effective infection control measures in Tokyo

• Network of experts in infectious disease control, physicians, researchers, etc.

#### Provide advice to TMG

based on scientific evidence and the latest findings, and disseminate clear information to the public

#### Medical Care

## Reinforced measures for passive smoking

#### • Tokyo Metropolitan Ordinance

on the Prevention of Passive Smoking was enacted (published in July 2018)

 Subsidized the installation of outdoor public smoking areas and smoking rooms in mid-and small restaurants

#### Three "Cities" that will shape Tokyo's future

# Diverse City

Creating a Tokyo where everyone can fulfill their dreams and hopes, and each individual shines even brighter

People have always been the driving force behind growth. By further accelerating "investment in people," we will enhance and draw out the power of "people" and evolve Tokyo into a society in which each individual plays a leading role.

# Children

#### Vision for the 2050s A children-first society that nurtures children's smiles

Tokyo will

be better

The year 2035 will be like this!

Provide full support for children's "growth and nurturing" toward a bright future

Penetrate initiatives to listen to children's opinions and reflect them in policies

Provide diverse support to children and families with anxieties and concerns

#### **Policy Targets**

Children who smile a lot every day:
85% or more



Children who think they can change society through their actions:
70% or more

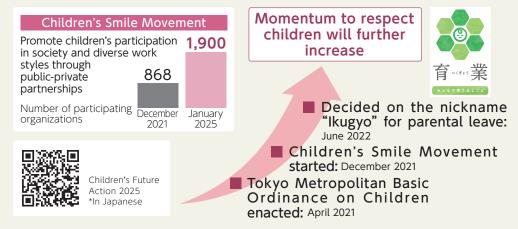
#### Policies to make it better

- Conduct the "Tokyo Sukuwaku Program" throughout the metropolitan area
  - Programs to support infants' "growth and nurturing (Sukusuku)" and "curiosity and inquisitiveness (Wakuwaku)"
  - Provide children with a variety of "hands-on" opportunities

To achieve

our vision

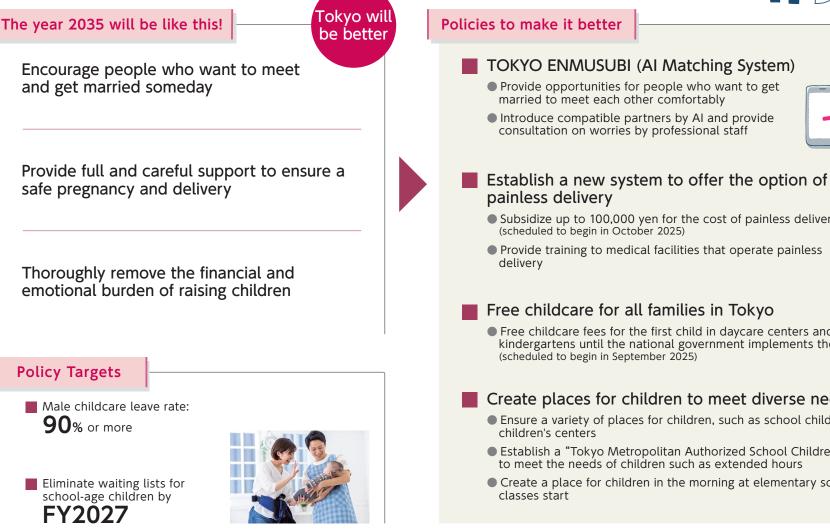
- Provide "playgrounds" and a variety of "hands-on activities" such as sports, arts and culture, and digital
- Match junior high and high school students who wish to gain "work experience" with companies and organizations
- Strengthen close consultation systems and support
  - •Support the use of babysitters for a wide range of needs, including children with disabilities and medical needs
  - •Strengthen the system of child guidance centers and temporary protection centers





#### Support those who want Vision to "make it happen" and for the 2050s assist in the self-fulfillment





13

To achieve our vision

• Subsidize up to 100,000 yen for the cost of painless delivery

Free childcare fees for the first child in daycare centers and kindergartens until the national government implements the program

#### Create places for children to meet diverse needs

- Ensure a variety of places for children, such as school children's clubs and
- Establish a "Tokyo Metropolitan Authorized School Children's Club System"
- Create a place for children in the morning at elementary schools before

To ensure that those who wish to do so can have and raise children with peace of mind, we will seamlessly support them through every stage of their lives, from dating and marriage to pregnancy, childbirth, and the healthy growth of their children

School-age and High Dating and **Pregnancy and** After age 18 Infancy school students childbirth marriage Initiative led to national policies Painless delivery (Subsidize from Oct. 2025) 018 Support ゼロイチハチ Provide ¥5,000 yen per month per child up to age 18 without income limit TOKYO ENMUSUBI Infertility treatment (AI Matching System) Eliminate income limits for subsidizing children's medical expenses Recurrent pregnancy Until the national government starts the program loss check Free childcare fees for TOKYO Free childcare fees for the first child Tuition free for Tokyo the second child (scheduled to begin in September 2025) Metropolitan Univ. Egg freezing (Eliminate income limits) Establish sick childcare facilities and utilize babysitters to care for sick children Program for university Initiative led to national policies Until the national government students to provide starts the program Introduce Tokyo Childbirth an opportunity to matchmaking services Tuition free for high schools 1 or around 2 take the "first step" At pregnancy\* After delivery\* & Childcare (Eliminate income limits) years old in cooperation with to study abroad Support Programs ¥60.000 ¥150.000 Reduce school lunch expenses related organizations ¥60.000 Tokyo Mom & Dad Scholarship +50.000Support Programs Tokyo's unique after-school from 2025 repayment support drop-in center Organize marriage Provide professional consultation for concerns from pregnancy to child rearing, system for teachers Secure a place for children support events and support services such as childcare products in the morning at elementary and engineering staff \*Includes benefits for expected mothers (national program) schools before classes start (civil engineering, architecture, Promote Children's DX collaborating with the national government, municipalities, and related organizations mechanical, Provide convenient childcare support services through DX, such as "receiving necessary information from the electrical) application in advance," "applying for medical expense subsidies with your My Number Card," and "a one-stop system that completes all procedures from finding a daycare center to enrolling the child online Support the balance between childcare ~~~業 Children's Smile Movement

Create a housing environment conducive to childcare

and career and promote childcare work

Enhance support for businesses that maintain and renovate homes by increasing subsidy rates for rental housing renovation, increasing subsidy limit and expanding eligibility to include detached houses

Provide affordable housing that is comfortable for families with children, etc., by utilizing private-sector resources Measures to address Tokyo's declining birthrate! \*In Japanese



#### Vision for the 2050s Children and youth grow and develop themselves with hope and create a future



our vision

The year 2035 will be like this!

Tokyo will be better

Establish a "new style of education" that responds to changes in society and fosters global human resources

Create an environment where everyone can develop their individuality and strengths and grow in their own way

Further promote reforms in working styles at school to improve the quality of education

Tokyo Metropolitan University produces highly skilled human resources who contribute to solving global problems

#### Policy Targets

Percentage of metropolitan high school students using generative AI 100%



 English Proficiency for 3rd year high school students CEFR A2 level or above
85%

#### Policies to make it better

- Develop "new style of education" in metropolitan high schools
  - Support independent learning by visualizing learning status so that students can learn at any time inside and outside of school and teachers can accompany them in their learning
  - Prepare for the opening of implementing schools that will serve as flagship schools for the "new style of education"
- Foster global human resources who can be active in the world
- Provide various overseas exchange programs and support young people who will lead the world
- Promote entrepreneurship, science and mathematics education, etc.

#### Enhance education for diverse children

- Expand "Challenge Classes" for children not attending school
- Develop an inclusive educational environment regardless of disability
- Enhance activities leading to the development of social skills of children and young people

#### Establish a new faculty at Tokyo Metropolitan University

- Establish a new international faculty to nurture human resources with education, creativity, and language skills (target to open in FY2028)
- Introduce a university-wide program that allows students to earn degrees in English

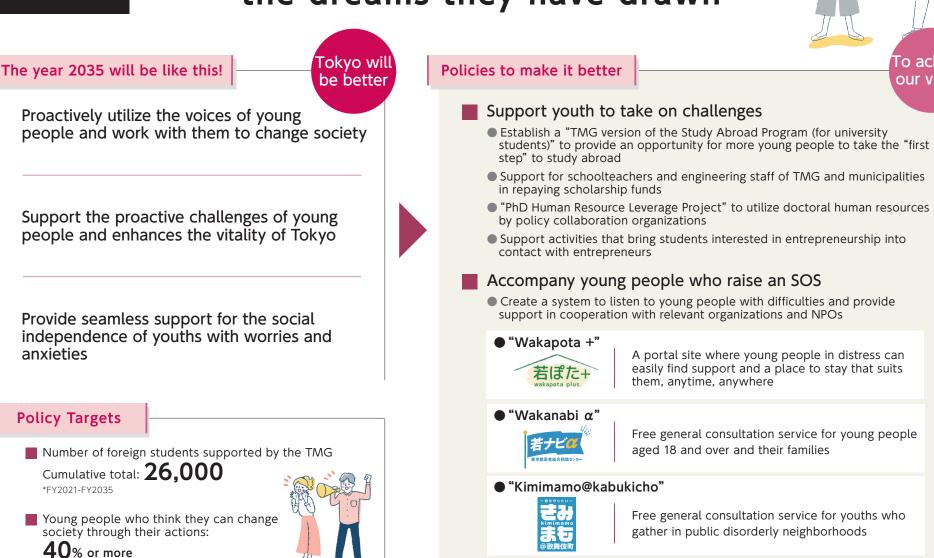
15



#### Youth, the bearers of the future, Vision are full of hope and can fulfill for the 2050s the dreams they have drawn

To achieve

our vision



16

\*FY2021-FY2035

Youth

anxieties





#### Everyone can choose their own way of life, regardless 2050s of gender

The year 2035 will be like this!

Tokyo will be better

Raise awareness and dispel the unconscious bias that hinders women's advancement

Vision

for the

Promote women's advancement in economic fields and decision-making positions that are significantly lagging behind in the world

Realize an environment in which everyone can fully demonstrate their abilities throughout their life stages



みんなで考え変えていく

Policies to make it better

- Expand "Women in Action" and promote mindset change with various stakeholders
- Expand the circle of women's activities (WA) and foster momentum in cooperation with companies and local governments, so that women can demonstrate their abilities in all aspects of their lives



To achieve

our vision

#### Bring out the best in women's abilities

- Consider the ideal form of the ordinance in preparation for its enactment. and strongly encourage female advancement in the industry
- Provide incentives to companies that establish new allowances for nonregular employees with social insurance

#### Support for women entrepreneurs and managers

Invest in the fund to support women entrepreneurs and startups that offer services promoting the advancement of women

#### Web site "TEAM Housework & Childcare"

Disseminate a variety of information and advice to help society as a whole think and change as a "team" about housework and childcare

#### Promote women in STEM fields

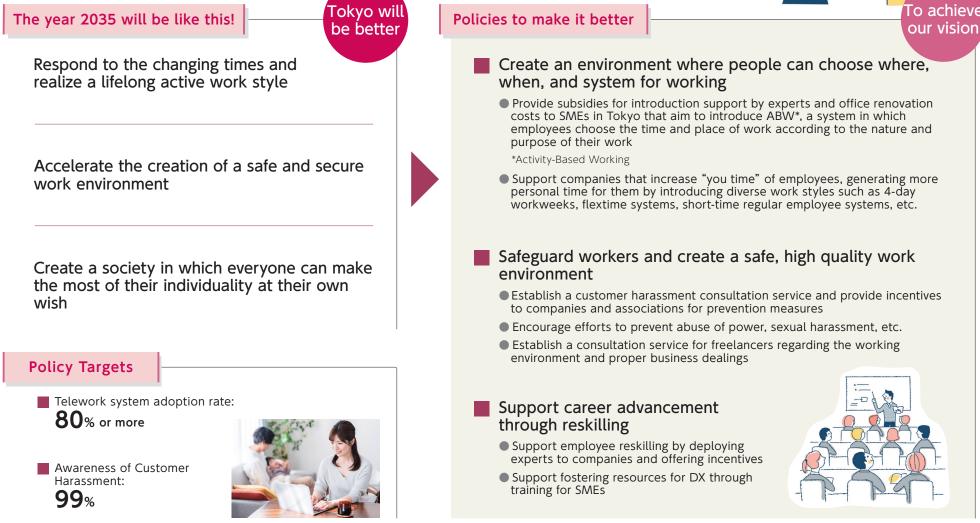
17

Conduct office tours for female junior and senior high school students to promote women in STEM (Science, Technology, Engineering and Mathematics) fields



#### Vision for the 2050s Everyone can work and play an active role in a positive way, just as they are





18



#### Vision for the 2050s An active Chōju society where people can live comfortably and always shine

19

To achieve our vision

The year 2035 will be like this!

Tokyo will be better

Support the elderly in leveraging their diverse abilities and experiences

Enhance health by diversifying means of transportation, to broaden the range of activities

Further improve the nursing care infrastructure and create a comfortable work environment to prevent caregivers from leaving the nursing care workforce

Promote lifestyle support for single elderly people and people with dementia to relieve various anxieties

#### **Policy Targets**

Seniors feeling fulfilled in life: 85% or more



#### Policies to make it better

#### Always be active with acts

- Support career centers to help shift careers of people over 50 years old and help companies secure human resources
- Promote matching of companies and senior human resources by the Silver Human Resources Center



#### Necessary nursing care services are available

- Provide a special allowance of up to 20,000 yen per month for to secure and retain nursing care personnel until the government acts
- Conduct a survey of nursing care establishments to examine the state of pay raises for nursing care workers

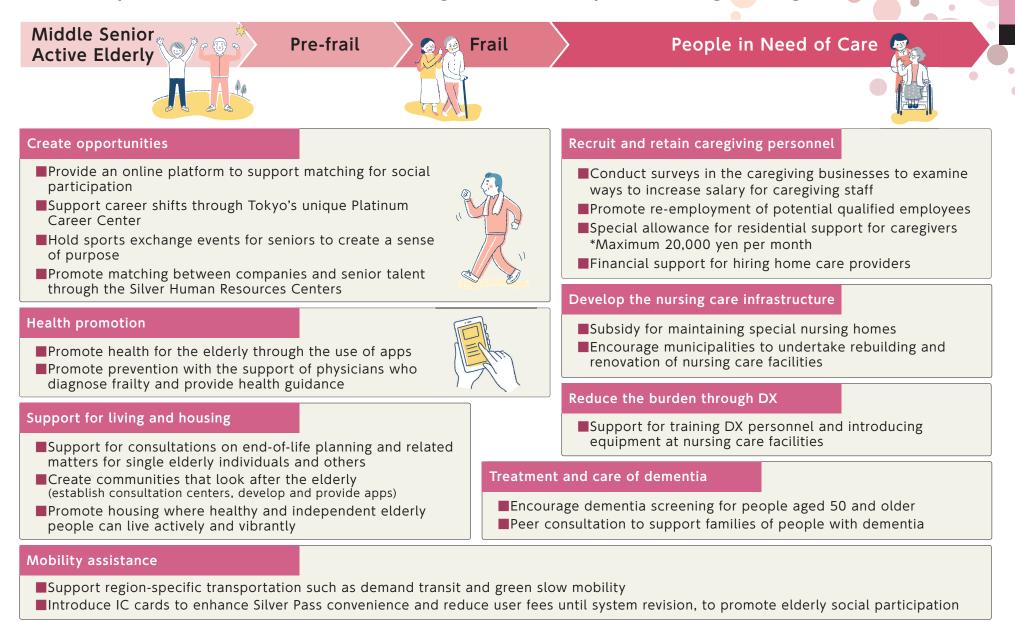
#### Single person can live alone without worry

- Spread housing where active, independent seniors can live with vitality
- Cultivate and strengthen "watchful care supporters," who notice unusual changes in the elderly at an early stage and connect them to comprehensive support centers and consultation services

#### Mobility support for active seniors

- Introduce means of transportation that meet local needs, such as community buses, demand transportation, green slow mobility
- Reduce the cost of the Silver Pass until it becomes an IC card or the system is revised

To realize an active "Chōju society" where people can continue to be active at any age, we develop measures tailored to the life stages of the elderly, considering their age and health status





#### Broaden the support network Vision and foster a society where for the 2050s everyone feels connected

21





#### Vitalize diverse communities that support neighborhoods

- Implement and evaluate initiatives to promote participation in residents' associations or neighborhood associations in cooperation with municipalities
- Support joint disaster drills between residents' associations and apartments to strengthen community ties
- Promote participation of women and young people in the volunteer firefighting brigade through publicity using social media, etc.



#### Increase interest in volunteering

Build momentum for the World Athletics and Deaflympics through the portal site "TOKYO volunteer legacy network"



#### Create various places to stay

- Increase the activity expenses for welfare and child welfare volunteers to maintain the community watch-over system
- Support pioneering, cross-sectoral efforts by municipalities to create places to stay, in terms of both intangible and tangible aspects



90%

#### **Inclusive City Tokyo reaches** Vision new heights as diverse for the 2050s personalities shine



Tokyo will The year 2035 will be like this! Policies to make it better be better Live Further promote efforts to realize an Promote initiatives to inclusive society and develop an inclusive ensure accessible housing Learn environment for individuals with special Promote inclusive need education with diverse Provide safety learning opportunities net housing Realize smooth interaction and transportation Promote collaboration between special through the use of cutting-edge technology needs schools and high schools Elderlv Children People from abroad Create a society where both people from abroad and Japanese can live and work together comfortably Gender Minority Women **Policy Targets** Disabled Worl Increase the number of employees with disabilities by 60.000 Create places where everyone, including those with employment challenges, can thrive. Percentage of people who think it is natural that people from abroad live • Promote the creation and close to them:

Build safe, comfortable communities for people with disabilities and citizens from abroad

Reside

To achieve

our vision

• Foster a welcoming environment for people with disabilities

Youth

## **Realization of "Inclusive City Tokyo"**

activities of social firms

22

Create environments for everyone to enjoy sports and culture

Enjoy

• Ensure opportunities for para-sports using digital technology

# Three "Cities" that will shape Tokyo's future Smort City

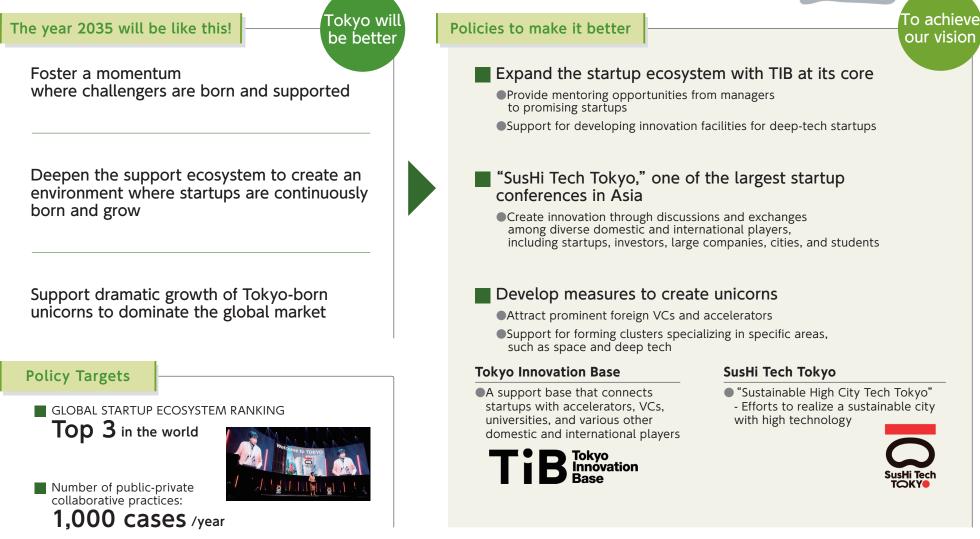
## Enhancing Tokyo's full potential for a more vibrant Tokyo

Tokyo is a capital city where tradition and innovation coexist. We will maximize Tokyo's potential to evolve into "an attractive city admired by the world" where people can live in comfort and affluence.

#### Vision for the 2050s By continuously generating innovation, Tokyo leads global transformation and growth

Startup

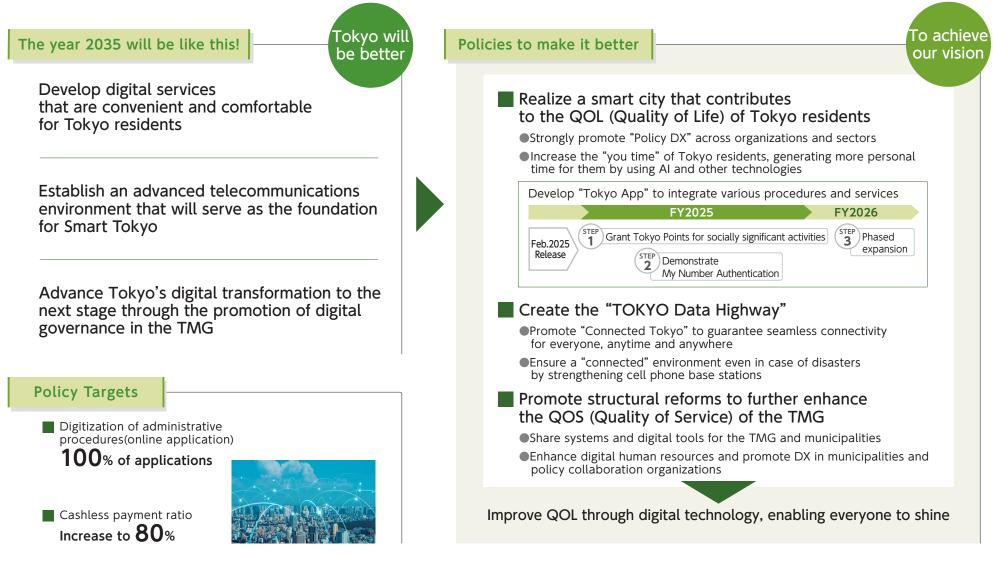




#### Vision for the 2050s "Smart Tokyo," the world's most information technology-enabled, convenient and comfortable city

Digital

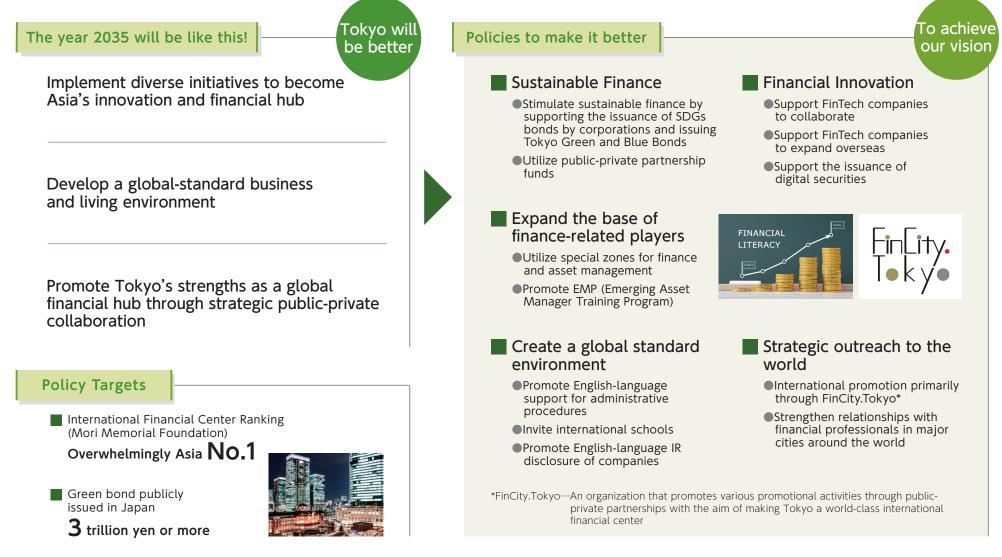






#### Vision for the 2050s Make the leap to Tokyo, the world's financial hub for a sustainable future

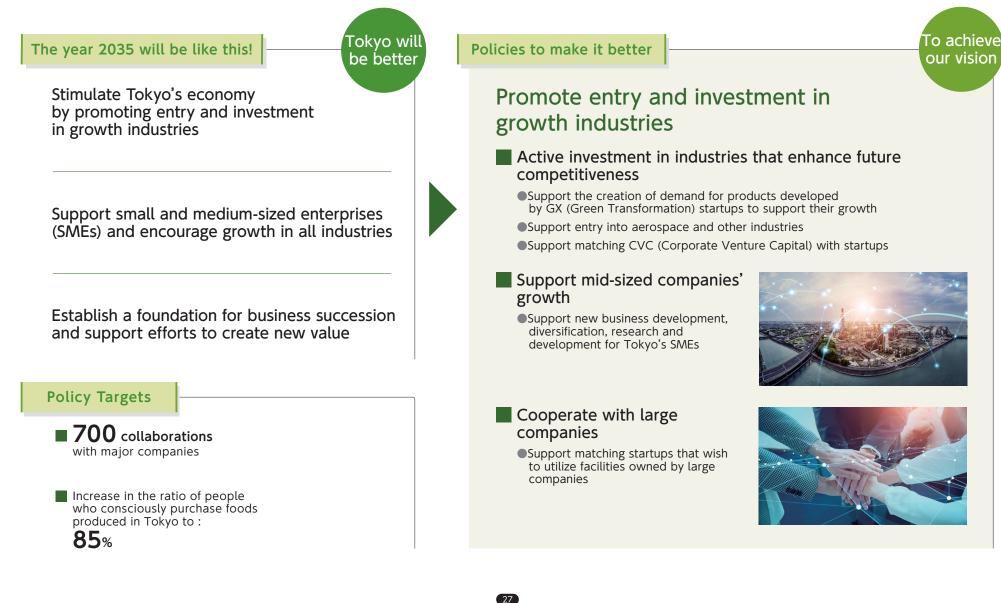






#### Vision for the 2050s Create the next growth industry from Tokyo and lead the global economy







(Tokyo Metropolitan Small and Medium Enterprise Support Center)

### Support SMEs and help them grow

#### Increase competitiveness and productivity

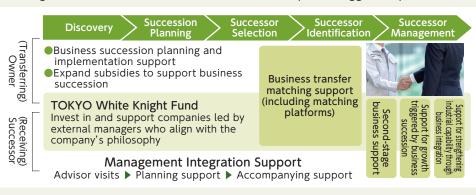
- Subsidize the cost of introducing newly required machinery and equipment
- To promote DX of SMEs, cover the cost of introducing digital technology and provide consultation services and accompanied support
- Support SMEs aiming to expand overseas, from planning to implementation, depending on the size and stage of the businesses

#### Strengthen management bases

- Support SMEs' preparations for price negotiations and wage increases through cost management services using AI technology provided by startups
- Provide total support for shopping arcades working to improve brand strength, from problem identification to implementation

#### Support for Seamless Business Successions

•Further support for each stage of business succession, from identifying successors to management takeover, and for new business development triggered by succession



## Establish a sustainable agriculture, forestry, and fisheries industry that can be passed on to the next generation



Preservation of agricultural land



Promote long-term leasing of farmland

Establish of Hands-On Farms

#### **Smart Agriculture**

 Develop new urban agricultural management models using smart technology

#### Branding Tokyo-Grown Agricultural Products

Disseminate information at receptions and events

Secure and nurture human resources in agriculture, forestry, and fisheries industry

Promote Forest Circulation
Forest circulation to reduce
pollen production
Encourage replanting

with low-pollen trees like cedar

Effective use of advanced technologyUse cloud systems and introduce forestry machinery

#### Showcasing the appeal of Tama timber Promote the appeal of Tokyo wood at 'TOKYO MOKUNAVI' and 'MOCTION'

Spread the appeal of Tokyo's agriculture, forestry, and fisheries industry through influencers and social media



#### Sustainable Fisheries

#### **Resource Management**



- Promote seaweed bed development that adapts to changes in the marine environment
- Disseminate information on the fishing ground environment through forecasting systems for sea water temperature and ocean currents

## Publicize and expand sales channels for Tokyo marine products

Promote fish consumption by holding lectures for children

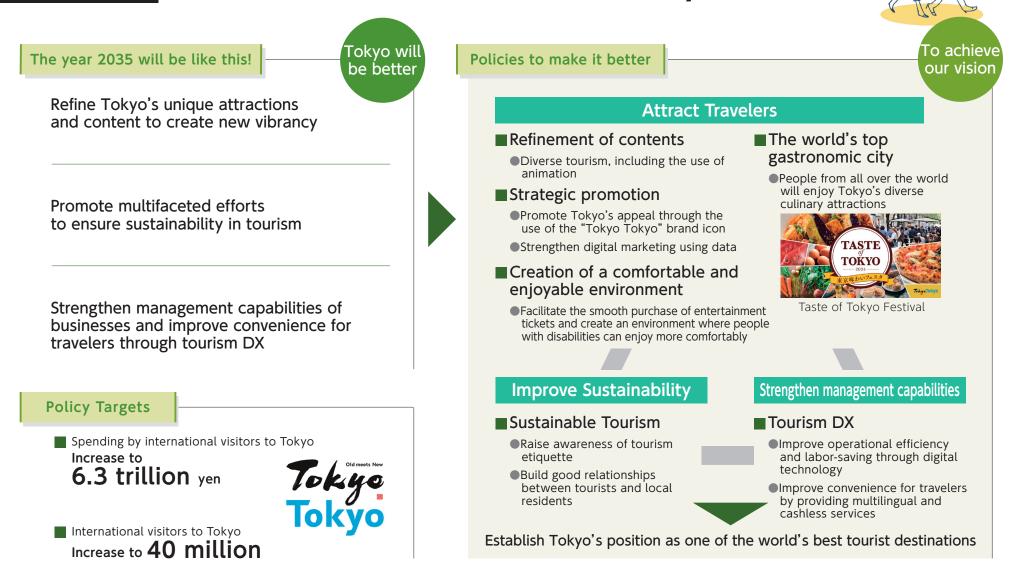
28



Vision

for the

### Create a Tokyo that captivates the world, offering new experiences 2050s and discoveries with every visit



## Promote Strategic Nighttime Tourism

### - Toward a more enjoyable Tokyo Nightlife

●In the "Global Power City Index (2024)", Tokyo's ranking for nightlife quality surged from 30th to 8th place

Tokyo has many attractive contents such as food, movies, and light-based attractions such as projection mapping.
By leveraging these diverse local resources, we create a vibrant and lively city

Announced by the Mori Memorial Foundation's Institute for Urban Strategies in December 2024

#### ■Utilization of projection mapping

 In collaboration with private sector, continuously and extensively implement projection mapping throughout Tokyo

#### New attractiveness with light performance

 Bring out the charm of buildings, cherry blossoms, autumn leaves, and other local attractions by lighting them up

#### ■Nighttime x Food

 Showcase Tokyo's diverse culinary attractions, from restaurants to hidden alleyway bars

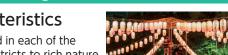
#### Community-based Nighttime Tourism

#### ■Leverage Local Characteristics

 Promote initiatives that are rooted in each of the diverse areas, from downtown districts to rich nature

## Collaborate with local residents and businesses

 Promote consideration for the living environment of residents and share issues between residents and businesses





#### Special nighttime experiences

 Provide a variety of ways to spend nights by extending the opening hours of museums and art galleries and by utilizing unique venues

•Offer new experiences such as largescale flowerbed illuminations and special nighttime garden viewings



#### Nighttime x Entertainment

 In addition to stage performances like Kabuki, art, and entertainment, sports games are also attractive tourist content

## ■ Vibrancy by light and water

•Create lively atmospheres with light displays, such as one of the world's largest fountains in the Tokyo Bay area and waterscape facility in Yoyogi Park







#### **Traveler support**

#### ■ Provide effective information

Promote the dissemination of information about nighttime tourism and facilitate smooth ticket purchases for entertainment

#### Create an environment for comfortable Nighttime Tourism

 Promote multilingual support and ensure safety and security tailored to local conditions

Make Tokyo's night more fun





#### Sophisticated value from Tokyo Vision inspires and enriches the hearts for the 2050s of people around the world

31



To achieve

our vision



#### Realize Tokyo as a vibrant city of arts and culture

Promote the festivals as a "Comprehensive International Arts Festival," and present a unified vision by integrating individual scattered events, disseminating this both domestically and internationally



Atelier Sisu (Ephemeral Collection) © Roppongi Art Night Executive Committee

#### Nurture artists and creators

Cultivate world-class animators at a "modern version of Tokiwa-so"

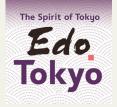
Promote "Talents Tokyo" to produce film professionals who will thrive on the world stage

• Operate "START Box," a creative space for artists

#### Promote Edo's history and culture

Promote the appeal of Edo culture both domestically and internationally, and promote its branding with the aim of becoming a World Heritage site

•Seize the opportunity of the Tokyo Metropolitan Edo-Tokyo Museum's renewal to conduct intensive promotions



New Edo Logo



## **Develop into a world-class** sports hub where everyone enjoys sports 2050s



our vision



be better

Tokyo will

Improve lifelong health and well-being by providing sports opportunities tailored to each individual

Vision

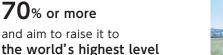
for the

By utilizing digital technology, ensure an environment where everyone can enjoy sports without discrimination

Build a foundation to support sports and energize Tokyo with the power of sports

#### **Policy Targets**

- Increase the percentage of Tokyo residents who feel a sense of well-being through sports to **80**%
- Keep the percentage of Tokyo's residents playing sports above **70**% or more







Shine in Sports

- Provide children with opportunities to watch the World Athletics Championships and the Deaflympics
- •Establish a system to support young athletes aiming for the world stage, by providing assistance for them to participate in domestic and international competitions and training camps

#### Connect through Sports

- •Hold memorial events to pass on the memories of the Paralympics and the Deaflympics and to increase interest in para-sports
- Host the Senior Health Sports Festival

#### Thrive in Sports & Support Sports

- Promote initiatives for the success of the World Athletics Championships in and the Deaflympics to be held in 2025
- Organize the Tokyo Marathon and the international cycling road race "THE ROAD RACÉ TOKYO"
- Support inviting and organizing international sporting events



World Athletics Championships Tokyo 25 Logo



TOKYO 2025 DEAFLYMPICS Emblem



#### Tokyo, a city that drives Vision Japan's growth and where for the 2050s people shine with vitality



<u>Tokyo</u> will The year 2035 will be like this! be better

are working on urban development through renovation: **15** districts



Build attractive and vibrant centers and landscapes, and create a walkable and livable city

Create a city that opens up the future with cutting-edge technology and new lifestyles

Ensure a safe and secure home for everyone, including households with children

#### **Policy Targets**

Reorganize the area around the key terminal station Land readjustment project near Shinjuku Station: Substantially completed

Number of districts where municipalities



#### Policies to make it better

To achieve our vision

#### Form various bases to support growth

- Promote sustainable renewal of urban areas and improvement of urban infrastructure by guiding high-quality private-sector development
- Develop diverse hubs that leverage regional characteristics, and create enjoyable walking spaces with a sense of water and greenery
- Urban redesign focused on the unique characteristics of people and regions
  - Create walkable neighborhoods by remodeling areas around stations and street spaces
  - Promote the appeal of historically and culturally valuable buildings familiar to Tokyo residents, and support their preservation and use



33





Walkable neighborhoods (Image provided by Mitsubishi Estate Co.) Bustling shopping area

Public bathhouse

#### Housing as the foundation of people's lives

- Utilize private sector vitality to provide affordable housing that is comfortable for families with children
- Promote community development by using and renovating existing stock. including vacant houses (initiatives such as the Tokyo Vacant House Map and renovation contests)

## This is how Tokyo is changing!

A city that enhances convenience and resilience, allowing people and goods to interact freely



## Along the Tama Toshi

Districts along the extended Tama Toshi Monorail line where the forest provides healing, children thrive, and a new lifestyle is realized



#### **Tama New Town**

A town chosen by the child-rearing generation, where evervone can live and interact with peace of mind



#### **Station Areas**

A vibrant, sustainable neighborhood that leverages its unique character

A region that leverages natural attractions and cutting-edge technology to offer a relaxed lifestyle and attract tourists



#### Shinjuku Sta. Area

An international exchange hub where people, goods, and information from both Japan and abroad gather and interact

#### Tokyo Sta. Area

A stately international business hub with lush greenery and beautiful landscaping

Tama Area

 $\bigcirc$ 

-in

#### Jingu Gaien

Area

A world-class sports center that combines liveliness and greenery with elegance and vitality

Linear Chuo Shinkansen

and Haneda Airport

#### Shinagawa Sta. An international hub leveraging wide-area access, including the



International business center with a variety of international facilities

facilities

#### Roppongi and Toranomon Sta. Area

Ikebukuro Sta. Area

International art and

culture city with a

theaters, halls, and

subculture-related

concentration of

#### Shibuya Sta. Area

A center for advanced culture, including fashion and entertainment

#### Tokyo Bay Area

A future-focused area driving sustainable growth, leveraging its city-center proximity and the Tokyo 2020 legacy

## Tokyo Bay

Cities

Promote social implementation of cutting-edge technologies in Tokyo Bay Area and presenting a vision of the city of the future





\*In Japanese

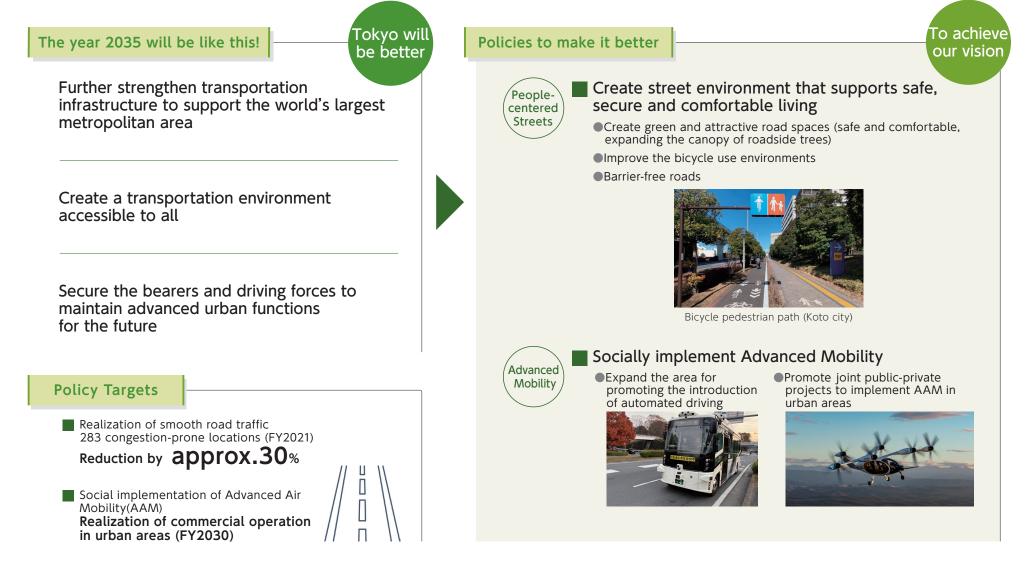






#### Vision for the 2050s The world's best infrastructure connects people and supports their lives





# Roads

# Expressways that create interaction in the metropolitan area

## Form a smooth, user-friendly road network for everyone

- Develop three loop roads in the Tokyo metropolitan area (e.g., Gaikan Expressway)
- Reinforce Metropolitan Expressway functions (undergrounding of the Nihonbashi area, construction of the Highway Harumi Line)
- Develop key arterial roads (such as Loop Road No. 4 and Kokubunji Route 3-2-8)
- Promote continuous grade separation projects (such as the Keio) Line from Sasazuka to Sengawa)





Develop key arterial roads (Kokubunji Route 3-2-8)

Completed continuous grade separation projects (the Keikyu Airport Line)



# Enhance and strengthen the public transportation network that supports urban activities and the lives of Tokyo residents

- Improve the railroad network(extension of Tokyo Route 8, Tokyo Central and Shinagawa Subway, Tama Toshi Monorail (Hakonegasaki direction), etc.)
- Build transportation nodes that are easy to transfer, and enhance and strengthen regional public transportation systems(e.g., introduction of automated driving technology to public transportation)
- Introduce a variety of transportation modes (demandoriented transportation, boat transportation, etc.)



Tama Toshi Monorail

Shipping



# Develop airport and ports to triumph over inter-city competition

•Strengthen the functions of the airport, serving as the gateway to Tokyo(enhance airport access, increase acceptance of business jets)

Port of Tokyo with world-class efficiency and sustainability(development and reorganization of container terminals, creation of a carbon neutral port)

Improve the Port of Tokyo's function to accommodate tourism







Tokyo International Cruise Terminal

Ensure smooth logistics supporting the city's economy and livelihood

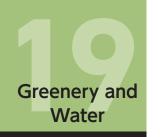
- Address transportation capacity shortages (Promote Tokyo) Logistics Biz, including publicity to reduce redelivery)
- Improve logistics efficiency through the use of DX (container terminals, expansion of automated transport technology in the market)
- Study new logistics systems (automated driving, automated logistics roads, etc.)
- Eliminate logistics bottlenecks(use of ETC-only toll booths on expressways, early elimination of toll booths on main lines)

# Build smart and sustainable infrastructure and areas

Well planned maintenance and renewal of infrastructure (Roads, railroads, rivers, ports, parks, water and sewage systems) Improve efficiency of maintenance and management through the use and development of new technologies

Logistics

#### 36

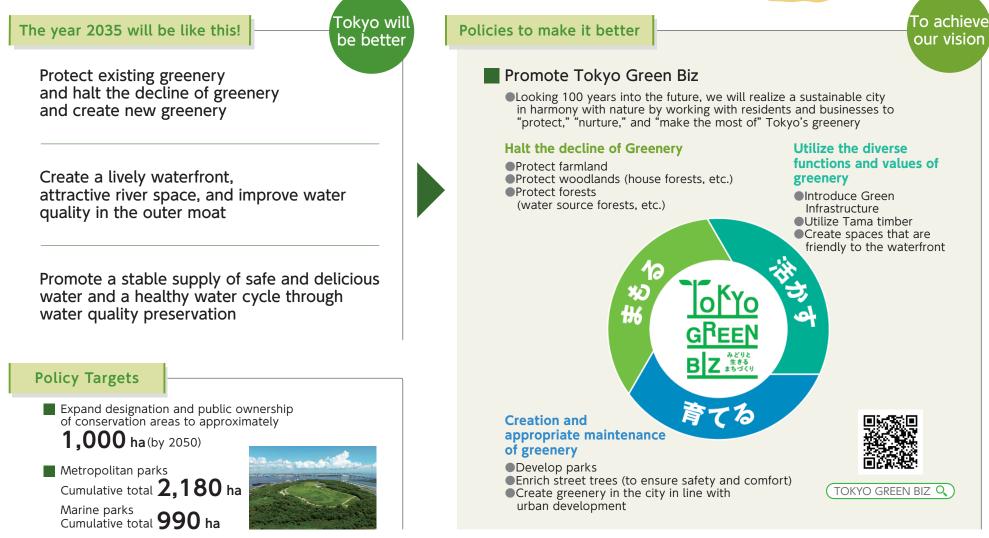


Vision

for the

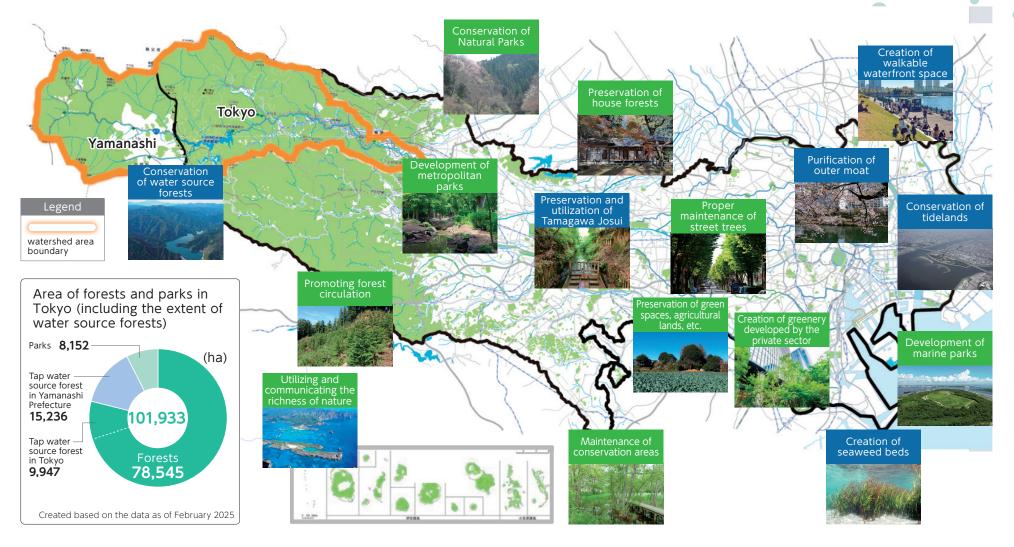
# Tokyo, a city of greenery and water, a city of peace 2050s and tranquility





# **Green and Water Network**

The importance of "greenery and water" in urban areas is becoming more and more important in order to combat climate change, ensure biodiversity, and improve wellbeing. By protecting existing greenery, halting the decline of greenery, improving both the quality and quantity of greenery, and enhancing the attractiveness of waterfront areas, we will realize an attractive Tokyo.



# Three "Cities" that will shape Tokyo's future

Safe City

# Developing a safe and secure Tokyo by building a resilient and sustainable city

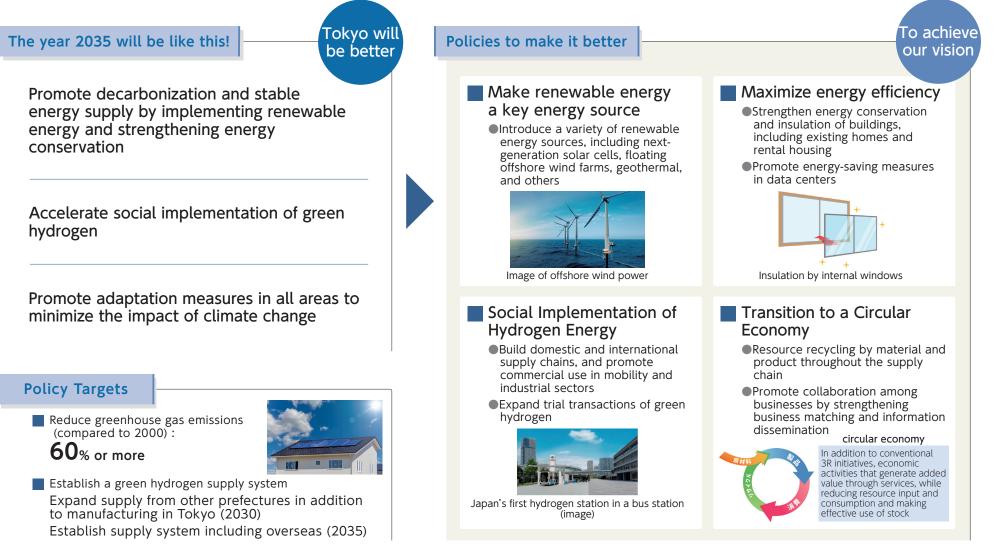
Our greatest mission is to protect the lives and livelihoods of the Tokyo residents from all kinds of crises. With the spirit of "Always Be Prepared," we will evolve Tokyo into a "resilient and sustainable city" that is able to withstand a wide range of risks, including natural disasters and climate change.



Vision for the

# Achieve a decarbonized society and make a significant contribution to achieving net-zero emissions 2050s worldwide





Urban Resilience

# Vision for the 2050s Heat protects residents from the threat of disasters

The year 2035 will be like this!

Tokyo will be better

Reinforce measures against heavy rainfall and storm surge in light of increased rainfall and sea level rise due to climate change

Accelerate earthquake resistance, elimination of utility poles, fireproofing of densely wooded areas, and measures to prevent ash fall during volcanic eruptions, etc.

Enhance preparedness to protect Tokyo residents from emergencies associated with unstable geopolitical risks

## **Policy Targets**

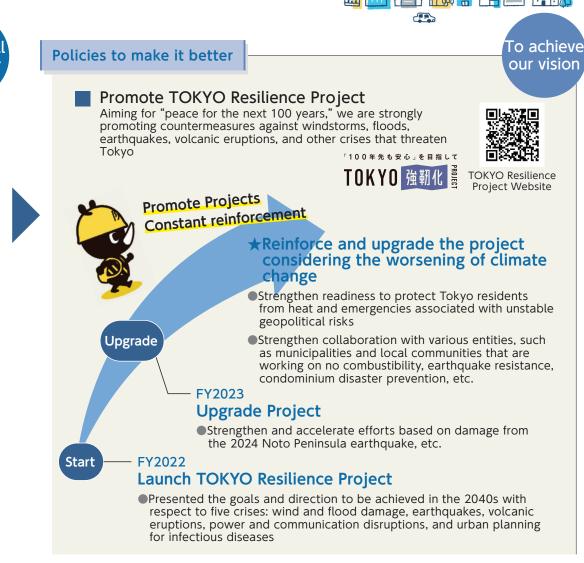
Total storage volume of regulating reservoirs in operation throughout the metropolitan area :



41

approx. **3.65** million m

Elimination of utility poles Area inside of Loop Road No.7 completed

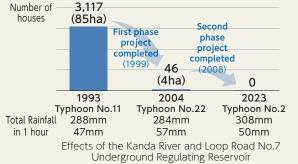


# Realize the safest, most secure and resilient city in the world

Protect the lives and livelihoods of Tokyo residents from the threat of disasters such as wind and flood damage which are becoming increasingly severe, earthquakes directly under the capital, and volcanic eruptions as well as from the heat that is becoming more severe due to climate change and maintain the functions of the capital

#### Wind and flood damage

- Promote efforts to develop an underground river connecting the Loop Road No.7 Underground Regulating Reservoir to Tokyo Bay
- High-standard levee construction to create an upland community
- Raise tide embankments in response to climate change
- Expand introduction of green infrastructure (to private facilities in addition to public facilities)
- Promote countermeasures against mudslides and other landslides



#### Earthquake

- Earthquake resistance of buildings and infrastructure (expansion of support for earthquake resistance, and earthquake resistance of metropolitan subways, water supply facilities, sewer pipes, etc.)
- Promote roads projects that provide access routes to wide-area disaster prevention centers (e.g., the Chuo Nanboku Line, extension of the Metropolitan Expressway Harumi Line, etc.)
- Promote liquefaction countermeasures in conjunction with urban development
- Further no combustibility in densely populated wooden housing areas based on the new "Disaster-Resistant City Development Promotion Plan"
- Promote the development of specific maintenance routes that can block the spread of fire in urban areas and serve as evacuation routes and emergency vehicle traffic routes

### Volcanic eruption

- Reinforce the system to remove ash fall from roads
- Build a system to support damage mitigation measures for landslides caused by volcanic eruptions
- Facilitate evacuation for islands

### Eliminating utility poles

- Speed up the process by strengthening DX and systems
- Actively encourage municipalities to remove utility poles
- Start integrated design of metropolitan and municipal roads in the islands
- Considerate effective promotion measures in residential land development

#### Countermeasures against heat

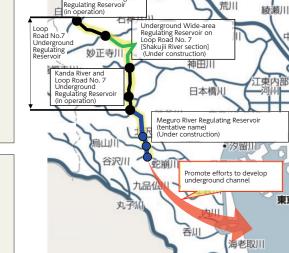
- Ensure green shade and promote urban greening
- Heat island countermeasures for roads. such as the planned installation of thermal barrier pavements and water-retaining pavements



Image of underground channel plan

新之川へ

毛長

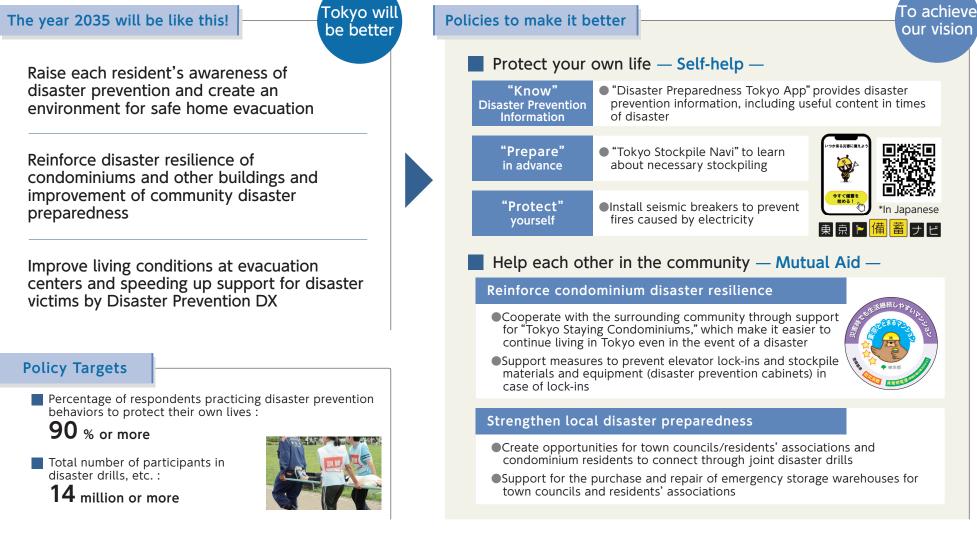


Shirako River Undergrour

Disaster Preparedness

# Vision for the 2050s Protect lives from disasters and live safely, securely + comfortably





### Policies to make it better

## Protect the lives of Tokyo residents — Public assistance —

#### Improve living conditions in shelters

#### Eliminate sleeping together, provide hot meals, ensure a bathing environment, etc.

- Support municipalities to improve the environment of evacuation centers, including cots, indoor partitions and tents, and hot showers
- •Utilize hotels and inns as primary evacuation centers for people with special needs
- Utilize central kitchens, kitchen cars, and other private-sector resources to provide hot meals
- Support municipalities to establish rules for accepting pet evacuation and to provide equipment and materials for accepting pets at evacuation shelters



#### **Utilize Disaster Prevention DX**

#### Monitor the damage situation

- Rebuild the Disaster Information System (DIS) to visualize disaster information and speed up disaster countermeasure operations
- Collect damage information using satellite imagery

### Support disaster victims

•Consider building a system for consistent information management from safety confirmation immediately after the disaster to recovery



# Maintain restrooms that can be used even in case of a disaster

- Promote comfortable and hygienic restrooms for diverse evacuees
- •Support municipalities in developing various disaster toilets required according to local conditions
  - Portable Toilets
  - •Manhole Toilets
  - Toilet car
  - •Self-treating toilets etc.



#### Manhole Toilets

### **Reinforce disaster preparedness**

#### New Disaster Prevention Base in the Tama Region

 Develop a disaster prevention center that serves as an alternative to the Tokyo Metropolitan Disaster Prevention Center (Tokyo Metropolitan Government Office)

#### Measures for people who have difficulty returning home

 Real-time monitoring of post-disaster congestion and temporary accommodation facilities to enhance operations



Tama Regional Disaster Prevention Warehouse

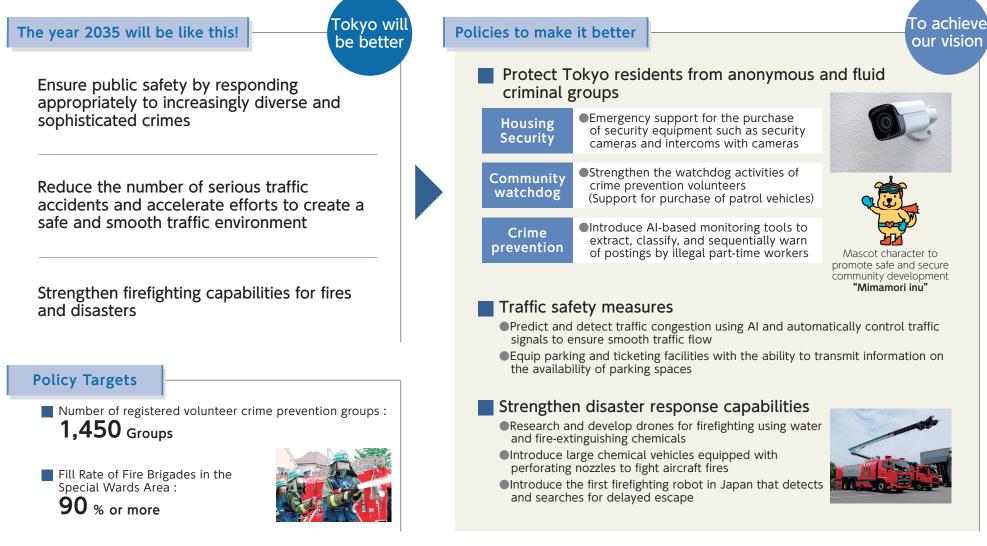


Tachikawa Regional Disaster Prevention Center



# Vision for the 2050s Protect the lives and safety of Tokyo residents from crime, accidents, fire, etc.

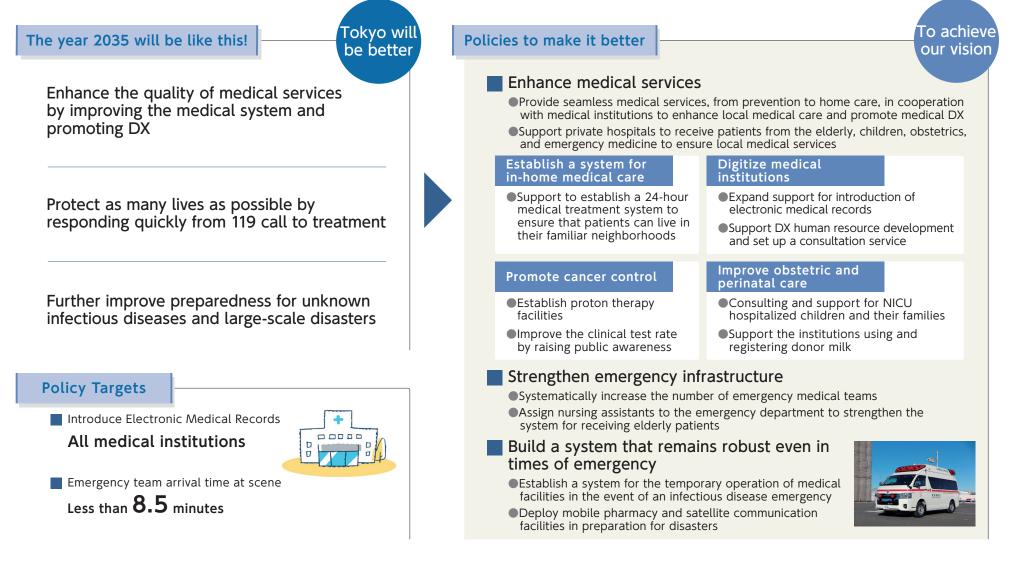




Medical treatment

# Vision for the 2050s Everyone can receive necessary medical care in a familiar community with peace of mind

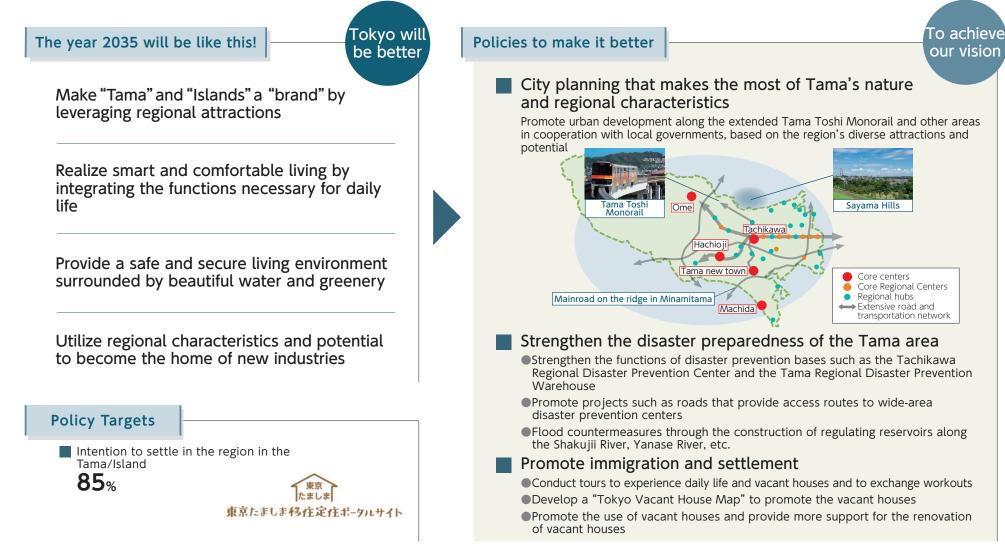




Tama area and Tokyo islands

# Vision for the 2050s Tama and Tokyo islands, where you can live a comfortable and fulfilling life with all the attractions of a region you want to visit and live in





# Make Tama more attractive ~Tama, full of greenery~

### High quality nature full of greenery

- Approximately 70% of Tokyo's forests are in the Tama area
- Takao, the world's most-visited mountain (approximately 3 million climbers per year), and other abundant nature and parks are close at hand
- Expansion of farmland, including citizen farms and farms where people can experience agriculture

# A history continuing from Edo, new sanctuary

 Many historical and cultural tourist resources and tourist attractions in harmony with the cityscape
Many anime and other works pilgrimages



# Concentration of companies, research institutes and universities

- Well-balanced location between business towns and industrial parks. 60% of Tokyo's manufactured goods shipments are from the Tama area
- Over 200 universities and research institutes are concentrated in the Tama area, and innovation is expected to be created



# Attractiveness of Tama

# Livability

Comfortable living with a large living area
Natural environment suitable for raising children
Increasing number of municipalities that are making efforts to support migration



# Convenience underpinning attractiveness

• Easy access from central Tokyo (approx. 30 min. between Tachikawa and Shinjuku)

- Good transportation system supporting the region (expected to be further improved with the extension of the Tama Toshi Monorail)
- Improved road network (steady improvement of expressway network and urban planning roads)



## Tama's Development Strategy

The Tokyo Metropolitan Government's wide-area urban development initiatives aimed at realizing a Tama that is both growing and matured



## Tama Promotion Action Plan

The TMG projects to be implemented over a period of approximately three years, measures to support the proactive efforts of municipalities and other measures to promote the Tama area



\*In Japanese

To be an area where people want to live, work, visit, play, stay, and enjoy meals by refining its rich characteristics and charms and attracting people to the area

48

# Enhance the charm of the islands ~Tokyo Treasure Island SHINKA Project~

Maximize the rare value and potential of the islands and evolve it into a world-class brand that attracts both residents and visitors

To achieve

## Policies to make it better

# our vision

# Realize the sustainable islands

- •Support for ambitious initiatives by municipalities that will lead to the sustainable development of the islands and the creation of attractiveness
- Improve the living environment, including the use of vacant houses
- Support for the efforts of municipalities to promote migration and settlement in accordance with their local circumstances

# Provide high quality services

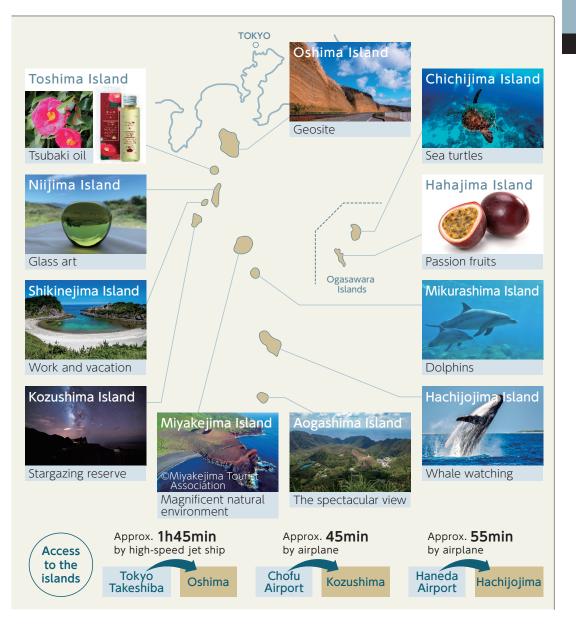
- •Support the efforts by municipalities to attract and develop high-quality lodging facilities
- Support the creation of a system to build a brand and support for ambitious businesses
- Seize opportunities for dignitaries from various countries to gather and promote the attractiveness of the region at international conferences, etc.

## Improve transportation network

- •Conduct familiarization trips and overseas PR at trade fairs to increase the number of business jets
- Invite cruise ships and realize superyacht port calls

## Advanced initiatives

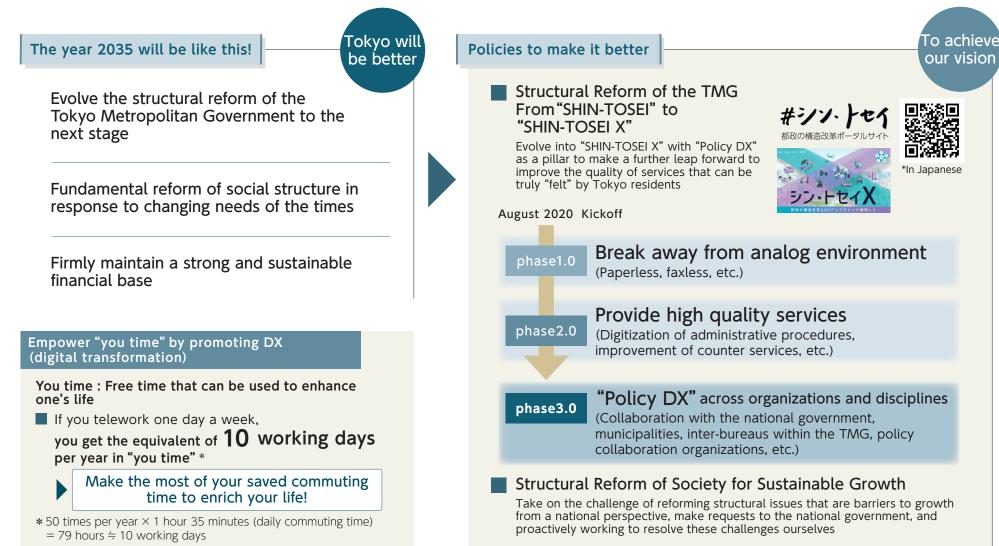
- Promote community-based problem-solving using digital technology
- Promote PR through websites, social media, and other media channels



Structural reform

# Vision for the 2050s The transformation that ushers in a new era is improving the quality of life of Tokyo residents







# Vision for the 2050s Realize "co-existence and co-prosperity" to support and develop together with all regions of Japan

## The year 2035 will be like this!

Achieve Japan's overall development through "true regional development" based on coexistence and co-prosperity between Tokyo and the other regions



# Tokyo will be better

\*In Japanese

### Promote growth throughout Japan

### Create innovation

Connect startups and supporters nationwide through the Tokyo Innovation Base (TIB) and SusHi Tech Tokyo, and share the achievements with the world

### Feature attractions from all over Japan

• Tie-ups with local governments across Japan to showcase each region's attractions and promote inbound tourism, as well as encourage visitors to explore other regions

# Promote industry through nationwide cooperation

 Promote industrial revitalization by expanding sales channels for small and medium-sized enterprises (SMEs) by holding exhibitions and business meetings inviting exhibitors from nationwide

## Promote nationwide products

Promote the appeal of products from all over Japan by holding PR events for agricultural, forestry, and fishery products and the "WOOD," an exhibition and business meeting for wood products



Coexistence and co-prosperity between Tokyo and other regions

### Solve common issues across Japan

# Share technology and Know-how including DX

 Share pioneering initiatives such as digital public assets created through GovTech Tokyo and digitalized policies

# Promote measures through local government collaboration

- •Expand the use of domestically produced green hydrogen in Tokyo
- Research schemes that benefit other regions and facilitate renewable energy procurement for businesses in Tokyo
- •Strengthen collaboration with each prefecture through agreements on measures

### Support restoration of disasteraffected areas

- •Aid recovery and restoration efforts, strengthen cooperation among local governments
- •Hold product exhibitions in Tokyo to sell local products and traditional crafts from disaster-affected areas, provide ongoing support

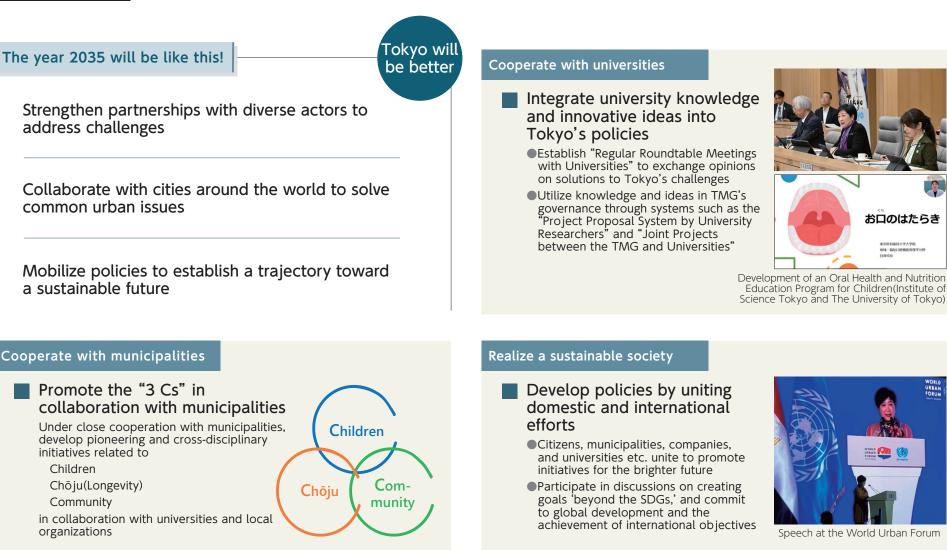


## Deepen collaboration with Vision diverse actors creates a for the 2050s brighter future



お口のはたらき

東京医科菌科大学大学院 地域・福祉口腔機能管理学分



52

# **PREDICTIONS FOR THE 22nd CENTURY**

# Foreseeing Tokyo 100 Years from Now

As an out-of-the-box attempt to look into the future, we used generative AI to predict how life would be in 100 years' time



## ·Relocating Outside of Earth

The universe is now the sphere of human life, and people can comfortably live on the moon, Mars, or space stations.

## ·Delivering the Human Five Senses

Share the same experience with people miles away, through data of the five senses.

### ·Trash-less Trash Cans

All household waste is automatically sorted and recycled into new products, eliminating waste.

## ·A Full-Stomach Society

Many factories producing artificial meat and vegetables solve the world's food and famine issues.

# ·A Tailor-Made Story

Offering the ultimate immersive experience by making real-time changes to a storyline based on the user's emotion and reaction.

## **·Unlimited Energy**

The dramatic advances in solar energy and other sources enable safe use of clean and inexhaustible energy.

## ·Superhuman Sports Events

New-age sports will be performed in virtual spaces and zero-gravity arenas.

## ·Instant Skill Acquisition

You can acquire skills and gather information in a flash by directly installing knowledge into your brain. Anyone can master the operation of complex devices in an instant or easily cook a dish according to the recipe.

## ·Live Healthy up to 120

With gene therapy and regeneration technology, you can repair lost bodily functions and organs at the cellular level. The healthy life expectancy is now 120.

### ·Control the Weather

We can bring rain to drought-stricken areas, and giant wind power generators can absorb typhoon energy to protect people from violent weather.

### ·Dream Theater

People can record and play dreams while they sleep, to look back and share with others.

## ·Automatic Treatment with Nanorobots

Nanorobots enable minimally invasive treatments for patients by precise delivery of drugs.

### Auto-Adapting Buildings

Buildings change according to their surroundings like a living thing. As if breathing, they purify the air, adjust room temperature, and generate energy through photosynthesis.

## ·Living in Undersea Palace

You can enjoy a comfortable life in a self-sufficient underwater city utilizing rare seafood, deep-sea resources, and marine energy.

## ·Befriend an Alien

By catching signals from distant stars, we can encounter extraterrestrial life and civilizations, share technologies, and enjoy cultural exchange.

## ·Comfortable All-Weather Suits

The new suit lets you engage in various activities in an adequate body temperature. It ensures comfort regardless of the external environment, whether you are in the tropics, the poles, heavy rain, or strong winds.

### ·Mobility with 100% Synchronization

Personal mobility devices that automatically adjust to the user's physical condition and purpose are now widespread, letting people travel on the ground or in the air.

## ·Telepathic Communication

Brainwave-based communication enables free and rich interaction across language and species barriers, with speakers of other languages, as well as with other animals and plants like pets, insects, and flowers.

### •The Age of Total Robot Labor

Robots provide support in all aspects of work. Humans have more time to engage in creative work and generate new ideas.

### ·Re-Experiencing History

Using holograms, you can witness historical moments, talk to historical figures, and observe the movements and cries of giant dinosaurs and extinct animals.

## ·Complete Prediction of Earthquakes

Deep underground high-precision sensors provide real-time analysis of crustal movements and minute temperature shifts, enabling earthquake prediction to protect the people.

#### Teleportation

With the development of technology to instantly transport objects, you can have delicious food from around the world appear with a snap of the finger or enjoy traveling abroad as if shopping in your neighborhood.



Tokyo 2050 Strategy - Unlocking a Better Future -

Registration No.(1) Published April 2025



Edited by: Planning and Coordination Section, Planning and Coordination Division Office of the Governor for Policy Planning Tokyo Metropolitan Government 2-8-1 Nishi-shinjuku, Shinjuku-ku, Tokyo 163-8001 Japan

Printed by: Kitajima Co., Ltd. 2-11-7 Tatekawa, Sumida-ku, Tokyo 130-0023 Japan

