New National Spatial Strategy in Japan

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Ministry of Land, Infrastructure, Transport and Tourism

Japan's National Land



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Tateyama mountain range in summer(3,015m)^坐国土交通省



Copyright: TATEYAMA KUROBE ALPINE ROUTE

Tateyama Snow Corridor - Towering walls of white sn祭国土交通省



* Every year, Tateyama have snow for 5 to 10-meter-high.

* The snow plow begins in January, from open to visitors mid-April to mid-June.

Tateyama Snow Corridor - Towering walls of white sn祭国土交通省

A dedicated team of snow plow operators work together on the corridor every year, carving it out of deep accumulated snow.

The snow plow begins in January, from open to visitors mid-April to mid-June.

This GPS-assisted feat produces a 500-meter-long valley of snow that dominates your field of view all along the route.



National Spatial Planning Act (extract) 🔮 国土交通省

Article 2 of the National Spatial Planning Act

- Article 2 (1) The term the "national spatial strategy" as used in this Act means the <u>comprehensive and</u> <u>basic plan to promote the use, development and maintenance of the national land (hereinafter referred</u> <u>to as "spatial planning")</u>, which is related to the following particulars:
 - (i) particulars concerning the <u>utilization and conservation of national land resources</u> including land and water;
 - (ii) particulars concerning the <u>utilization and preservation of the sea areas</u> (including conduct in which a person engages prescribed in Article 3, paragraph 1, items 1 through 3 of the Act on the Exclusive Economic Zone and the Continental Shelf (Act No.74 of 1996), in the exclusive economic zone referred to in Article 1, paragraph 1 of that Act, or conduct in which a person engages on the continental shelf referred to in Article 2 of that Act);
 - (iii) particulars concerning the <u>prevention and mitigation of disasters</u> including earthquake disaster, flood damage and wind damage;
 - (iv) particulars concerning the <u>adjustment of the size and locations of and the development of cities as</u> well as farming villages, mountainous villages and fishing villages;
 - (v) particulars concerning the proper industrial locations;
 - (vi) particulars concerning the <u>use</u>, improvement and maintenance of important public facilities including transport facilities, information and telecommunications facilities and research facilities for science and technology;
 - (vii) particulars concerning the preservation of resources regarding culture, welfare and tourism, and the use and improvement of the relevant facilities;
 - (viii) particulars concerning the <u>preservation of the environments</u> including the creation of successful environments on the national land <u>and the planning of harmonious landscapes</u>.

Strategy



The National Spatial Strategy is a comprehensive basic plan to promote the use, development, and maintenance of the national land("spatial planning") based on the National Spatial Planning Act.

The previous Comprehensive National Land Development Act was drastically amended in 2005 and we are facing a society with full-scale population decline. The structure of the National Spatial Planning Act shifted from quantitative expansion to qualitative improvement of national land and to establishment of the national spatial plan based on the decentralization period.



History of the National Spatial Planning

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Post-World Warll reconstruction period(1945-1950's) 国土交通省

- Postwar reconstruction, natural disaster control, food production increase, electric power development
- Establishment of the Comprehensive National Land Development Act (1950)

→ Designation of areas for specific comprehensive development

→ Promotion of development for severer geographical and natural conditions areas

 \rightarrow (Formulation of a national plan)

Toward 1st Comprehensive National Development P P 国土交通省

- White Paper in 1956 (1998)
- "Income Doubling Plan" announced in 1960
 (→Pacific Belt Zone Concept)
- Strong opposition from non-Pacific Belt regions
 < Conflicts between >
 "Pacific Belt" and "non-Pacific Belt regions"
 "industry" and "agriculture"
 "large-sized companies" and
 - "small & medium enterprises"



Concept of Pacific Belt Zone



Pacific Belt Zone





Cabinet Decision	October, 1962
Cabinet	IKEDA Hayato
Backgrou- nd	 Transition to high-growth economy Problems of mega-cities, Increasing income gap Income – Doubling Plan (Pacific Belt Plan)
Objective	Balanced Development Between Regions
Develop- ment Formula	<base concept="" development=""/> Locate development bases keeping linkage with existing concentrations such as Tokyo, etc. toward industrial dispersion. Organic connection and mutual influence within development bases by transportation and communication facilities Development promotion in chain reaction through making full use of the characteristics of each surrounding area ⇒ Balanced development between regions



Cabinet Decision	May, 1969
Cabinet	SATO Eisaku
Background	 High growth of economy Concentration of population and industries into large cities Advancement of computerization, internationalization and technology innovation
Objective	Creating Affluent Environment
Development Formula	<large-scale concept="" project=""> Network development and large-scale project promotion such as Shinkansen (bullet train), expressways, etc. ⇒ Correction of national land use bias and elimination of congestion/depopulation and regional disparities</large-scale>





<u>1965</u>



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High-Speed Transport Network in 1988



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High-Speed Transport Network as of 2019^Q 国土交通省



Cabinet Decision	November, 1977
Cabinet	FUKUDA Takeo
Background	 Stable economic growth Signs of redistribution of population and industry to local areas Emerging finite nature of national resources, energy, etc.
Objective	Improvement of Environment for Human Habitation
Planning Formula	<integrated policy="" residence=""> Restrain population / industrial concentration into large cities and develop provincial areas (dealing with congestion/depopulation problem) ⇒Balanced use of whole national land and formation of comprehensive environment for human habitation</integrated>



Land Price Index in Tokyo Metropolitan Area 坐 国土交通省



Cabinet Decision	June 1987	
Cabinet	NAKASONE Yasuhiro	
Back- ground	 Unipolar concentration of population and industries in Tokyo Serious employment problems in provincial areas due to rapid changes in industrial structure Advancement of full-scale internationalization 	
Objectiv e	Formation of the multi-polar pattern of national land use	
Develop- ment Concept	<integrated interaction="" policy=""> Regional development making full use of regional characteristics through creativity and ingenuity Nationwide promotion of development in key transport and information / communication system by nation itself or by others under the principles lead by the nation Provision of various interaction opportunities through cooperation within nation, regions and private organizations. </integrated>	







ingil Standard Artenar Noads 14,000







- Act on the Promotion of Multi-polar Pattern National Land Formation (1963)
- Designation of Business
 Core Cities around the center of Tokyo
- Relocation of government offices outside the center of Tokyo



Future image of Tokyo Metropolitan Area

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Issue of the Relocation of Capital Function 望 国土交通省

-Resolution by both Houses on relocation on the Diet and other organizations (1990)

- Act for Relocation of the Diet and Other Organizations (1992)

- Council Report on the selection of candidate relocation areas (1999)

- Research from various aspects including disaster and crisis management





Cabinet Decision	March 1998	
Cabinet	HASHIMOTO Ryutaro	1
Back- ground	 Global Age (Global environmental issues, mega-competition and exchanges with Asian nations) Decreasing population and coming of the aging society Progress in advanced information society 	. <
Objecti- ve	Creation of the basis of multi-axial national land structure	J.
Strategy	<participation and="" cooperation=""> —National Land Formation through Various Participants and Regional Cooperation— (Four Strategies) 1 Natural-rich residential areas 2 Renovation in metropolitan areas 3 Regional cooperation axis 4 Wide-area international exchange bloc</participation>	0



Long-Term Population Trends in Japan 🔮 国土交通省



(Source) Long-term analysis on population distribution in Japan (National Land Agency, 1974)

(Note) The data from 1920 and later is based on "Population Census", "Population Estimates" and "Population interpolation estimated from 2005 and 2010 census results" (Ministry of Internal Affairs and Communications), and "Population Projections for Japan (estimated in 2023)" (IPSS). Value is total population of Japan (including foreigners).

Transition of Total Fertility Rate and Number of Births Over the 🥝 国土交通省

Years



(Source) Created by the National Spatial Planning and Regional Policy Bureau based on the Ministry of Health, Labour and Welfare, "Demographic Statistics" (2019). http://www.mhlw.go.jp/toukei/list/81-1a.html

Changes in Population Pyramid



- O Elderly population (in proportion to the total population) will increase from 7.39 million (7.1%) in 1970 to 38.88 million (37.1%) in 2050.
- O Productive age population (in proportion to the total population) will decrease from 72.12 million (68.9%) in 1970 to 55.4 million (52.9%) in 2050.
- O Youth population (in proportion to the total population) will decrease from 25.15 million (24.0%) in 1970 to 10.41 million (9.9%) in 2050.



(Source) For 1970, the Ministry of Internal Affairs and Communications, "National Census."

For 2050, estimates based on median birth and death projections of the National Institute of Population and Social Security Research, "Population Projection for Japan (Estimated in April 2023)."

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Changes in Population by Municipality Population Size (As of 200傑 国土交通省

- O Looking at the Population Projection for Japan by municipality population size as of 2000, municipalities of a smaller population size are facing a population decline.
- O In small municipalities with a population of less than 50,000, population decline has been progressing over the last 20 years and is expected to accelerate in the future.
- O In medium municipalities with a population of 50,000 or more and less than 300,000, the population decline risk will become more pronounced in the future.



- (Source) 1. Created based on the Ministry of Land, Infrastructure, Transport and Tourism "Population Projection for Japan by Mesh (Estimation in 2018)," and the Ministry of Internal Affairs and Communications, "National Census." Up to 2020, figures were based on the National Census, and for 2025 and after, figures are based on estimates.
 - 2. Special wards in Tokyo are counted as one in the number of municipalities. Total number of municipalities is 1,719.

(Asia)

- 🔮 国土交通省
- Concerning countries and regions in Asia, looking at the transition of total fertility rates of Indonesia, Singapore, South Korea, and Hong Kong, where economic growth is significant and chronological data can be used, all of them are below the level in Japan as of 1960.
- Since then, it has tended to decline. Today, all of them, excluding Indonesia, are below the replacement level (fertility).



Material: Created by the Ministry of Land, Infrastructure, Transport and Tourism, National Spatial Planning and Regional Policy Bureau based on material from the World Bank.

Changes in Excess Incoming Migration to the Tokyo Area 国土交通省 (Comparison with Osaka Area, National Areas, and Local Areas)

- O The trend of excess incoming migration to the Tokyo Area is basically continuing and the structure of overconcentration in Tokyo has not been corrected.
- O Due to the COVID-19 catastrophe from 2020, the excess incoming migration to the Tokyo Area tended to be mitigated; however, excess incoming migration started to increase in 2022 (94,111 persons).



(Source) Data prepared by National Spatial Planning and Regional Policy Bureau, MLIT, based on the "Basic resident register migration report" (Ministry of Internal Affairs and Communications). The value is the number of Japanese migrants.

(Note) The above areas are classified as follows:

Tokyo Area: Tokyo Metropolis and Saitama, Chiba and Kanagawa Prefectures Nagoya Area: Gifu, Aichi, and Mie Prefectures Osaka Area: Kyoto, Osaka, Hyogo, and Nara Prefectures

Three Metropolitan Areas: Tokyo, Nagoya, and Osaka Areas Regional Area: regions other than the Three Metropolitan Areas

Company Trends of Moving in and out of the Tokyo Metropolitan 望国土交通省 Area

- O The number of companies that moved their head office from the Tokyo metropolitan area (Tokyo, Kanagawa, Chiba, and Saitama) to rural areas in 2021 is 351. On the contrary, the number of companies that moved their head office from rural areas to the Tokyo metropolitan area is 328. Moving out is higher (23 companies) after 11 years.
- O Moving-out and moving-in in the first half of 2022 are 168 companies and 124 companies respectively, and moving out is higher by 44 companies. In 2022, an excess in moving-out by over 70 companies is projected (at its highest level for approximately 20 years).



Company Trends in Moving-in and -out of the Tokyo Metropolitan Area (1990-)

Source: Special project of Teikoku Databank: Transfer Trends of Head Office to and from Tokyo Metropolitan Area (2021) Special project of the Teikoku Databank: Head Office Transfer Trend in the Tokyo Metropolitan Area (Flash Report in Jan. to Jun. 2022)

Inhabited areas will decrease by approximately 20% in 2050 from today.

- O In 2050, the population in approximately half of the inhabited mesh in Japan will decrease by more than 50% and the areas where population increases are seen are limited to urban areas, excluding part of the regions in Okinawa Prefecture, etc.
- O Approximately 20% of the inhabited mesh will be uninhabited.
- O Municipalities with a smaller population scale tend to have a higher rate of population decline. In particular, the population inhabiting municipalities with less than 10,000 persons as of 2015 will decrease by half.



 (Source) Created by the Ministry of Land, Infrastructure, Transport and Tourism, National Spatial Planning and Regional Policy Bureau based on the Ministry of Internal Affairs and Communications, "2015 National Census," and the National Institute of Population and Social Security Research, "Population Projection for Japan (Estimated in 2018)," etc.
 (Remarks) In the left figure, the zones under evacuation order as of the 2015 National Census (as of October 1, 2015) are presented in black (slashes).



Impact of Climate Change (More Severe and More Frequent Disasters)



Due to the impact of climate change, natural disasters have become more severe and more frequent and the threat to the safety and security of the livelihoods and the economy in regional areas is expanding.

Forecast of global average temperatures in 1850 to 1900 for each scenario.



Source: AR6 Climate Change 2021:The Physical Science Basis Summary for Policymakers



Frequency of occurrence of hourly precipitation of 50mm or more in a year (per 1,300 sites of AMeDAS)

* Created based on materials of the Japan Meteorological Agency.

There is concern about more severe and more frequent heavy rain disasters due to the impact of climate change.



Flood situation due to heavy rain in July 2018 (Kurashiki City, Okayama)



Flood situation due to Typhoon No. 19 in 2019 (Nagano City, Nagano) O In the total population, the population decline among Japanese is accelerating, while the population of foreigners is increasing.
 O The Japanese population will be below 100 million in 2048, and will be 97.4 million in 2050, and 77.61 million in 2070.
 O The population of foreigners in Japan will be 7.29 million (7.0% of total population) in 2050 and 9.39 million (10.8% of total population) in 2070.

50 years from now, one out of every 10 people who inhabits Japan will be a foreigner.



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O The energy self-sufficiency ratio of Japan in 2020 is 11.3%. It is at a lower level than other OECD countries.





Source: Statical values in 2020 of IEA, "World Energy Balances 2021"; and only for Japan, confirmed data for fiscal year 2020 of the Agency for Natural Resources and Energy, "General Energy Statistics." Ranking in the table is the ranking among the 38 OECD countries.

Projected GDP Growth Rate by Country



O GDP of major countries in Asia will drastically increase. In the 50 years after 2000, China's GDP is projected to grow by about 12.3 times, India's GDP by 12.4 times, and Indonesia's GDP by 8.1 times. On the other hand, GDPs in advanced countries are increasing gradually and Japan's GDP is projected to increase by about 1.3 times.



(Source) Created by the National Spatial Planning and Regional Policy Bureau based on Economic Outlook No 109 – October 2021- Long-term baseline projections

Key Points for New National Spatial Strategy (National Plan) 🔮 国土交通省

- O Target National Land that "National Land Combining the potentials of the regions in the New Era"
- O National land structure to be achieved Building "National Land with a Seamless Connection of Hubs"
 - (1) Correct the excess concentration in Tokyo, aiming for a more decentralized assignment of population and functions over the wide-area level throughout Japan.
 - (2) Effectively leverage both side of Japan facing the Sea of Japan and the Pacific Ocean, and formulate a "National Corridor Network" ensuring the vigorous flow of people and redundancy in the times of disaster.
 - (3) Address priority activities for the "The Formation of Regional Living Areas" with the thorough use of digital technology free from the boundaries of municipalities.

National Land Vision



National Land Combining the potentials of the regions in the New Era - Establishing New Regional Management that Supports Japanese Archipelago-

Potentials of the Regions	Capacity to overcome regional issues	*	Capacity to increase regional appeal and to attract people	
	Showing the compreher fundamental potentials of th	nsive strer e region a	ngth and It a maximum	
Voluntary and spo Participation and co	ntaneous development of regions by hu Ilaboration of diverse residents, etc. who live and affection the residents ha	man resou in and get i ve for their	urces responsible for the community involved in the region by using the pride region.	
Mob Natural environment, landscape, climate	ilizing all tangible and intan History, culture and tradition	gible re	Actional resources National Ecosystem services	
ere is a limit to ponding to the lation with only the tically-sogmented local	Paradigm shift of region < <building manag<br="" regional="">Collaboration between actors, busin</building>	i al man ement ba: resses, and	agement sed on a new idea>> d regions from the perspective of "coope	ratior

Increase regional attractiveness that appeals to people, including the younger generations who are responsible for the future, and create and expand the flow of people to regional areas.

There is no future in Japan without gathering potentials of the regions from each regional area throughout the country.

Formation of Nationwide Corridor Network in View of Building "National Land with a Seamless Connection of Hubs"

Ensuring redundancy in cases of

disaster



It is important to strengthen seamless connections throughout the national land of Japan by strengthening transport networks to shorten travel times and to ensure multiplicity and substitutability, and thereby create a "nationwide corridor network" to promote connections, including in inland areas, while combining the Sea of Japan side and the Pacific side effectively. Combining the Sea of Japan side and the Pacific side Strengthening nation-wide connections, including in inland areas

> Self-reliant development in wide area zones with central and major urban cities as hubs

> Exchange and collaboration in and between wide area zones

Direct interaction with overseas, including Asia

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Forming regional living areas with local central cities as cores <Integration of digital technology and actual situations that lead to the resolution of regional issues and improving regional attractiveness>

Creation and expansion of flows of people to regional areas

Formation of the Japan central

corridor Disseminate the effects of shortening travel times with the start of operation of the Linear Chuo Shinkansen

throughout Japan

* This map does not describe Japan's territory exhaustively.....

Facilitating innovation

through the active flow of

people and articles

Upgrading seamless comprehensive transport

systems

Full use of digital technology

Nation-wide dissemination of effects from Japan central corridor 🔮 国土交通省

(image)

at a plant



Concert

Theme park

Formation of Regional Living Areas where Digital Technology and @ 国土交通省 Actual Situations are Integrated (Basic Idea)

Formation of regional living areas based on a new idea

- Development of Sustainable and Vigorous Regions under Population Decline -

Regional management from the perspective of "cooperation"

(Shifting services and activities to the idea of "doubling, binding, and bonding")

- ✓ Building a structure of collaboration and cooperation by bottom-up approach beyond the boundaries of actors, businesses, and region based on the idea of creating the region together.
- Collaboration of actors (Expanding and deepening of public-private partnership and related populations)
- Collaboration of businesses (based on the idea across disciplines and by sharing)
- Collaboration of regions (free from administrative boundaries of municipalities, sharing and collaboration of functions and roles)

Qualitative improvement of actual regional spaces with the thorough use of digital technology (Regional revitalization x Digital technology)

- ✓ Maintain and increase quality of life in actual regional spaces and to make up for any shortfall in leaders and human resources by using digital technologies to make daily life services more efficient and automated
- ✓ Implementation of technologies to increase convenience in services from the perspective of people and users
- Strengthening digital infrastructures in both hard and soft aspects, data linking platforms, and digital social implementation platform
- Re-building public transport in regional areas, automated driving, drone logistics, remote medical care, remote and online education, and other implementations of advanced technology services in society

Integration of "local affluence" and "urban convenience"

Increasing attractiveness by using culture and nature unique to the region + resolution of regional issues)

Improvement of the wellbeing of individuals and regions as a whole Revitalization of vigorous regions with abundant diversity

Creation flows of people to local areas and correction of the excess concentration in Tokyo

- Achievement of new forms of capitalism in local areas
- Achievement of the Vision for Digital Garden City Nation

Building a new system for mutual assistance, such as transport and education using digital technology (Mitoyo City, Kagawa Prefecture)

- Providing regional transport integrally with other services through "mutual assistance" where the private sector cooperates mainly through local companies.
- A company operating regional transport (SPC) was established with funds from 13 companies in and outside the region (construction company, restaurants, etc.)
- Developing demand responsive transport services (unlimited rides at a flat-rate) using a smartphone application
- In addition, Setouchi Kurashi no Daigaku was established funded by 18 companies (restaurants, interior company, etc.) in and outside the region and started to provide educational programs to enrich lives regardless of age and occupation (unlimited classes at a flat-rate).
- Utilizing the Vision for a Digital Garden City Nation grant, a data collaboration infrastructure was established in FY2022 to create an environment that supports collaboration in cooperative projects. The city is promoting the creation and implementation of new cooperative projects.



Local production and local consumption of energy by private initiative and funds circulation within the region (Yonago City, Sakaiminato City, Tottori Prefecture)

- Established a local energy company (Local Energy Corporation) funded by both cities and 5 local private companies (local cable TV company, etc.)
- Built a regional co-existence local energy production and local consumption model (a structure to earn money in the region)
- Secondary batteries at shelters are used as emergency power sources during disasters to strengthen disaster prevention capability.

Provision of regional citizen services (Miyako City, Iwate Prefecture)

- Miyako City invested in a renewable energy company funded by the region.
- Dividends that Miyako City receives from the investment will be allocated to financial resources to resolve regional issues, such as maintenance of public transportation, welfare, education, etc.





Structural shift to sustainable industry (image of major activities) 国土交通省

Structural change over industry in Japan Smooth shift to decarbonizing **Responding to Responding to digital society** industry Implementation of Digital Transformation (DX) economic security Implementation of Green Transformation (GX Promotion of Decentralized Development of Strengthening and renewal of sites for key **Growing Industries** Using Regional industries, such as industrial complexes for handling GX and disaster risks **Characteristics Throughout Japan** Formation and enhancement of domestic \geq Facilitation of GX growing investment + responding to disasters production hubs for growing industries by industries that emit more CO_2 , such as Develop and strengthen production hubs for \geq oceanfront industrial complexes gathered in the growing industries, such as semiconductors and Pacific belt zone storage batteries by using the superiority in industry Rationalization and adjustment of infrastructure accumulation and industry platform of each region and development and regulations, such as the in consideration of company location strategies, etc. formation of a carbon-neutral port (CNP) that Smooth and flexible development of infrastructure \geq serves as a hub for international supply chains of that supports domestic location of growing industries and smooth and prompt securing of industrial sites hydrogen and ammonia, etc. Effective use of large-scale vacant lots arising from the abolishment and downsizing of industrial facilities, and the development of necessary infractructura Acceptance from a pier for Tosoh Corporatio Nanyo Office Products produced by biotechnology (Spiber Inc., Tsuruoka City, Yamagata Prefecture) Location for sophisticated semiconductor plants in Japan Source: Materials of Spiber Inc. and materials of Pipeline Shipping by (Kumamoto TSMC) the Ministry of Economy, Trade and Industry Decentralized establishment of data centers that

support DX handling in Japan Promotion of introducing offshore wind power generation and relevant industry consolidation

Aichi Prefecture Hekinan Thermal Power Station where a verification project for the mixed combustion of ammonia is conducted. Source: Materials of JERA





Use and management of national land under the situation of population decline (image of major activities)



Worsening of management level of national land and increases in the ineffective use of land under the situation of population decline.
Land for which the owners are unknown, vacant houses, deserted farmlands, forests with Population concentration in areas of

Optimal Use and Management Contributing to the Formation of Sustainable National Land and Regions

insufficient care, etc.

Concretization of the "National Land Management Plan"

National development of local land management plans that promotes the conversion of land management methods for a future vision based on the resident notification and consensus formation



- Facilitating the prevention land with unknown owners, and vacant houses, and ensuring their appropriate management
- Prevention and resolution of deserted farmlands, forests with insufficient care

Safe and Secure Use and Management of National Land

high disaster risk

- Promotion of "River Basin Management" that consists of comprehensive and multi-layered waterrelated disaster measures conducted by all relevant persons together for the entire basin of rivers.
- Controlling development in disaster hazard areas and guiding to live in safer areas



Promotion of river basin management

Securing and Fostering Human Resources Who Support the Region (Realization of inclusive society and support for child and child care in regions)

Under the situation where the shortfall in regional human resources is becoming more severe, increase the potentials of the regions through the achievement of a diverse inclusive society and a child-centered society, and lead it to create and expand the flow of people to rural areas, and thereby change the trend of declining birthrates throughout Japan.

Participation of diverse actors and their collaboration in regional development towards an inclusive society <<Expansion of investment in people in regions>>

Regional development where people can have their place to stay and live, work, and engage in activities with hope in the regions.



Women



People with disabilities Foreigners

<Expand options for lifestyles and work styles based on people's diverse values>
Create and expand the flow of people to rural areas and change the trend of declining birthrates.

* If younger generations continue to be drained from rural to areas centers of Tokyo where the birth rate is low, it may encourage an unprecedented decline in birthrates and accelerate the population decline even more.

Parks that nurture

children's creativity

Priority space in railroad cars

Support for child and child care in regions in regions in view of a child-centered society

- Development of regions attractive to the younger generations, such as the development of environments for "dual income, and co-parenting" where people can have and rear children safely in the formation of regional living areas
 - Support for the smooth provision and securing of quality houses
 - Enhancement of preschool training and childcare, such as the development of nursery centers, etc.
 - Development of urban cities and regional spaces where people can easily raise children, developing safe and comfortable roads and parks, and facilitating barrierfree child-rearing in public space
 - Development of hubs for the interaction of multiple generations
 - Development of structures to accept relocation without changing jobs and dual residence by using telework
 - Creation of attractive jobs

Strengthening regional education

- Fostering regional human resources in collaboration with universities and colleges of technology, etc.
- Promotion of exploratory learning, experience of rural areas, etc. in collaboration with the regions.

Facilitating the empowerment of women

Development of attractive regions where women can show their abilities by developing the educational and employment environment in the rural areas.

Excess number moving to the Tokyo Areas by gender 9,0 (10,000 persons)



(Remarks) The Tokyo Areas refers to Tokyo Prefecture, Saitama Prefecture, Chiba Prefecture, and Kanagawa Prefecture. The value is the number of Japanese.

Expansion of public areas by maximizing the use of the private sector's capabilities

- <Expansion of voluntary participation in regional development by companies, etc.>
- Use the company hometown tax donation program, regional revitalization entrepreneurs, and other systems, promote collaboration between companies engaging in resolution of social issues, such as social venture companies, etc., and regions.
- Facilitate the use of social bonds and impact investment.
- > Expansion of concession and PPP and PPF.

Expanding and Deepening of Related Populations

- Development of "people," "opportunities," and "structures" for the expansion of relevant populations, including dual residents, and for deepening their relationship with the region.
- ⇒ Expand it by approximately 1.5 times by FY2032.

"1/2 villager" registration system through applications (Kosuga Village, Yamanashi Prefecture)

 Creating contact points related to village development by issuing points that can be used in the village and transmitting information (more than 3,000 persons registered in 4 years from the start).





Plum picking volunteers by "1/2 villagers."

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Reinforcement of the return of the flow of people and matching functions between local areas and big cities

- Facilitating the return flow of human resources to rural areas by relocating without changing jobs through side jobs and concurrent business.
- Facilitate matching between regions and companies concerning management human resources and digital human resources.

国十交诵省 Promoting Relocation to Generate Flow of People to Rural Areas

O In view of the achievement of "National Land Combining the potentials of the regions in the New Era", it is important to create and expand the flow of people to rural areas by facilitating relocation to rural areas and dual residency, etc.

[Comprehensive Strategy for the Vision for DIGIDEN:(December 23, 2022, Cabinet Decision)]

• Importance of creating the flow of people from urban areas to rural areas in order to resolve social issues and to increase the attractiveness of rural areas.

•Key performance indicator: Achieve 10,000 people from the Tokyo Area to rural areas in a year by 2027.

O Increase the percentage of young people who are interested in relocating to local areas.

Retired senior citizens live in a relaxed manner \rightarrow "Relocation without changing jobs" by using telework, after the COVID-19 catastrophe

O Many hurdles for relocation [from the stage of determining the destinations of relocation until actually starting to live at rural areas]

 Housing Job matching

Development of environments, such as co-working spaces, etc.
 Formation of smooth local communities

O Facilitating the development of environments to accept relocation, etc. in rural areas

 Trend of young people and families raising children who went through the COVID-19 catastrophe returning to rural areas. "Relocation without changing jobs"

Hurdle of relocation = Housing, work, acceptance system

Creation and expansion of flows of people to rural areas (relocation, dual residence, related population)



Achievement of New National **Spatial Strategy "National** Land Combining the potentials of the regions in the New Era"

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Target of relocation measures by local governments: Families raising children (94%), married couples (68%), people from the region (63%), young single people (63%) (Report of the Ministry of Internal Affairs and Communications (March 2021)

Support measures based on the stage (image)

(1) Housing

(2) Work

- O Develop relocation environments using vacat houses, O In order to respond to "relocation without public rental housing (PFI, etc.), support for acquiring houses, etc. in order to respond to the shortfall in houses for people who are going to relocate to rural areas.
 - changing jobs," develop co-working spaces in urban areas, etc. and share offices on remote islands, etc.
- (4) Cross-sectoral actions (obtaining information and connecting with the region)
- O Enhance information provision related to relocation and dual residence
- O Implementation of pioneering verification surveys related to the promotion of relocation to rural areas and creation of guidelines for municipalities.

[Collaboration with measures of the Cabinet Office (regional revitalization), Ministry of Economy, Trade and Industry, and other relevant central government ministries]

(3) Community

O Develop regional exchange centers in urban areas, etc. so that people who are going to relocate to rural areas can form communities with rural residents and senior people who are going to relocate to rural areas.

O Collaboration with relevant measures, such as establishing second homes, "re-design" of regional public transport, etc., responding to support for children and child-rearing

Upgrading national infrastructure (Thorough implementation of strategic management for maximizing stock effects)



Have a prospect of stable and continued public investment to maximize the functions and roles the national infrastructure should fulfill, and implement thorough strategic management through planned development, update maintenance and management, and increase effective use, in order to maximize stock effects.

Maximizing the functions and roles of national infrastructure (Enhancement and reinforcement of national infrastructure based on its function and role)

Supporting regional safety and security

Based on the "Fundamental Plan for National Resilience," continually and stably implement activities for disaster prevention and the mitigation and creation of disasterresilient national land structures for the medium- to long-term and with a definite

Increasing quality of life in regions

Coordinate with efforts for the formation of regional living areas, value the viewpoints of people, and increase the quality of actual regional spaces while

using digital technology thoroughly

Supporting economic activities and increasing productivity

Induce private investment and support various economic activities by shortening travel times and increasing punctuality, thus contributing to increasing productivity, and streamlining and upgrading production activities.

Thorough Implementation of Strategic Management For Quality National Infrastructure

Increasing the function of national infrastructure based on changes in the socio-economic situation

Making national infrastructure more complex and multi-functional, and maximizing its effects from the perspective of using the national infrastructure wisely

Complex and multipurpose use by eliminating vertically-segmented systems GX Maximizing the effects in combination with software measures Energy infrastructure, such as electric Digital infrastructure, such as optical fiber and 5G. power systems, etc. Use of digital technologies for national infrastructure Decarbonization of national infrastructure lood adjust Snillwa aise the reservo vel if rain is not forecast Lower the eservoir level before flooding xtension Electric discharge conduit Achievement of AI terminals facility Supporting travel of Formation of carbon-neutral ports. that support people automated driving cars Image of hybrid dam Ensuring redundancy and security PPP/PF Demonstration of the continued functions of Strengthening nation-wide resilient networks, such as transport, etc. Expanding the use of PPP/PFI, such as concessions. • Development of public infrastructure from the perspective of security Facilitate the introduction of concessions at all airports in principle. maintenance ⁄ Facilitate the introduction of water PPP for water supply and sewerage systems, and industrial water service. PFI, such as Park-PFI, expressway SA/PA, etc. Upgrading and streamlining by spreading new technologies and public and private



Resolution of missing links

opened in FY2026)



Strengthening cargo railway networks.



Airport Concession





Sewer drain concession



Development and reinforcement of disaster protection function of "roadside stations"

national infrastructure by conducting strategic

- Full-scale shift to preventive maintenance, broad-based and strategic management
- collaboration methods

塩粉,久分野の施設を「畔」としてキとめて捉う Itiple and multidisciplinary facilities as and examine necessary functions for the de-area roa vorks, et City A Village C 秋防·海岸管理庫= nent facility, railroads larget are ports and harbors, sewerage ms, parks, public hous Strategic maintenance for the revitalization





Inspection of infrastructure using drones46