

Local autonomy in Japan: Examples of advanced policies

1. [Administrative and financial reform]

Promotion of transfer of authority to municipal governments (Gunma Prefecture)

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- [Health and welfare/Declining birthrate and population aging]
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- 4. [Environment]

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Effective use of biomass (Kumamoto Prefecture)

- [Disaster preparedness and crisis management]
 River levels information delivery system by use of mobile messaging services
 (Aomori Prefecture)
- 9. [Disaster preparedness and crisis management] Protection of people and regions from flood (Shiga Prefecture)

Area	Administrative and financial reform	Prefecture	Gunma Prefecture	
Title	Promotion of transfer of authority to municipal governments			
Measure/ Project name	Gunma New Plan for Transfer of Authority			
Details	[Prefecture's basic policy on transfellet Municipal governments, administrive residents, need to take the initiative deliver close-knit services, and creat individuality that reflect the intent of in such a manner, Gunma Prefectur to municipalities, serves as their sup partnership with them under the co- improvement of services for local ref [Outline of "Gunma New Plan for T • Revised the "Gunma New Plan for T • Revised the "Gunma New Plan for three-year plan from 2011 to 2013) • The Plan was designed to actively achieving local administration led by between the Prefecture and municip administration services in the age of the Plan defines basic concepts and <three achieved="" be="" goals="" throug<br="" to="">methods of achievement> (1) Resident-oriented administra- transfer] 10 administrative w Placed higher priority for tran- that contributed to improving (2) Further promotion of decentr (4 lists) Transferred authority dependi- comprehensive manner in line</three>	rative bodies mos e in providing adm ate local commun f residents. To pro- are transfers as m apporter in principle ncept of "dialogue esidents. ransfer of Authori r Transfer of Authori r Transfer of Authori r Transfer of Authori r Transfer of Authori decentralization. E procedures for transfer of alities and delivering decentralization. E procedures for transfer of procedures for transfer of ative services [hig orks nsferring authority resident convening ralization reform [of ng on the size of r	hinistrative services to ities with great omote local administration uch authority as possible le, and enhances and cooperation" toward ty"] hority" in May 2011 (to a of authority with the aim of hancing cooperation ng higher-quality Based on this perspective, ansfer of authority. sfer of authority and h-priority areas for on administrative works ence. comprehensive transfer] nunicipalities in a	

	 (3) Support of self-motivated activities by municipalities to boost the regions [custom-made transfer] (211 administrative works stipulated by 127 laws and regulations) Promoted transfer based on voluntary and proactive choices by municipalities.
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LIIK	

Area	Administrative and financial reform	Prefecture	Hiroshima Prefecture
Title	Promotion of transfer of authority to municipal governments		
Measure/ Project name	Establishment of a framework for ensuring self-decision by municipalities		
Details	 Current situation and issues According to the "Decentralization developed in 2004, Hiroshima Prefa administrative bodies that are enga- comprehensive manner. With this a authority to municipalities regardle over 1,829 administrative works out April 2011. After completion of the plan peri- found some issues including insuff and the need for transfer depending while citizens appreciated the impri To address these issues, the Prefa- support for the administrative work of authority based on voluntary cho- transferred as of April 2013). The ideal state it is desired to ad- By promoting transfer of authoriti municipalities and administrative b- unique local community with a sen under their own responsibility so the of authority. Course of action (1) Provides municipalities with su- to improve their mastery of the works (2) Transfers authority based on address the needs of citizens and the characteristics of regions. 	fecture had worke aged in regional d concept, the Prefe ss of their size, an ut of 2,446 to be tr od, the Prefecture icient mastery of the g on the circumst roved convenience ecture has provide s transferred, and bices by municipal chieve ty from the Prefect odies closely related se of autonomy a lat citizens can read	ed to establish underlying levelopment in a ecture had transferred and successfully handed ransferred (74.8%) as of e evaluated the result, and the works of municipalities tances of municipalities, e. ed municipalities with I promoted further transfer lities (1,856 works) ture to municipalities, ted to citizens create a t their own discretion and alize the effects of transfer histrative works transferred effects of transfer. s by municipalities to

	 4. Progress of project (1) Progress of transfer Administrative works to be transferred: 2,446 works (2005-2011) -> 2,393 works* (2012) Reduced through review such as elimination of works. Total number of administrative works transferred: 80 works (2005) ⇒ 402 works (2006) ⇒ 1,075 works (2007) ⇒ 1,621 works (2008) ⇒ 1,766 works (2009) ⇒ 1,808 works (2010) ⇒ 1,829 works (2011) ⇒ 1,854 works (2012) ⇒ 1,856 works (2013) (2) Typical examples Establishment of welfare offices by towns: Eight towns out of nine in the prefecture established welfare offices in April 2009. Issue of physical disabilities certificates: 19 municipalities out of 21 (except an ordinance-designated city and major cities) since April 2010 Acceptance of installation notices for septic tanks: All municipalities since April 2010 Permission to divert farmland: All municipalities since April 2010 Authority over road management: Transferred to Miyoshi City in October 2007 under the Road Act Authority over Management of harbors and fishery ports: Transferred the authority over Akitsu Port to Higashi Hiroshima City in April 2009 (the first case in Janan)
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Area	Health and welfare/Declining birthrate and population aging	Prefecture	Oita Prefecture		
Title	Promotion of home medical care programs				
Measure/ Project name	Project for securing and retaining nursing staff who support home medical care				
Details	To support recuperating persons v own town, this project aims to sec nurses, and enhance their abilities scheme. 1. Project cost 15,369,000 yen (the initial budget 2. Implementing bodies Oita Prefecture, Oita University 3. Scope of project (1) Program for training home-visit to Oita Nursing Association) Trains home-visit nurses with h e-learning courses. a) Subsidizing fees for e-learn b) Holding training workshops (2) Program for improving retention nursing stations (implemented Dispatching advisors such as o a support scheme for home-visi retention. a) Establishing a program prof b) Implementing a model prog c) Holding a report meeting (3) Program for enhancing abilities by Oita University of Nursing a Subsidizes programs designed care staff such as certified hom medical facilities in the region.	ure home medica s through training for FY2013) of Nursing and He t nurses (commiss high level of practi- ing courses for home-visit nur n of nursing staff by the Prefecture certified home-visi- sit nursing stations motion review par ram for dispatch of s of home medica nd Health Science I to enhance the a	I care staff such as and developing a support ealth Sciences sioned by the Prefecture ical abilities by use of rses such as at home-visit .) it nurses, and establishing s to improve staff nel of advisers I care staff (implemented es) abilities of home medical		



Area	Environment	Prefecture	Kanagawa Prefecture	
Title	Widespread introduction of solar power generation systems at reasonable cost			
Measure/ Project name	Kanagawa Solar Bank System			
Details	 Intent and purposes Since 2011, Kanagawa Prefecture Energy Concept" that promotes "energy "energy storage" in a comprehensive re energy system led by local communiti introduction of solar power systems, a Prefecture has been committed to ope System" since December 2011. Main features of the system This is the first approach among loc ensure citizens can introduce resident reasonable cost without any concerns Prefecture, solar panel manufacturers contractors. Overview of the system (1) Selection of installation plans The Prefecture calls for installation companies that want to participate in the Prefecture evaluates the plans submit offered, service area, sales and constriand selects the plans to be registered (2) Establishment of "Kanagawa Solar The Prefecture established the "Ka in charge of replies to general inquirie of inquiries about installation plans se acceptance of requests for quotes for Center offers these services under co (3) Process from acceptance of reque 	gy creation," "end manner toward e es. As part of the a key measure for eration of a "Kana beal governments tial photovoltaic (a through collabo b, distributors and b, distributors and the Kanagawa Solar function structure in the system. T Center" anagawa Solar por lected by the Pre- installation on ne mmission from th	ergy-saving" and stablishing a distributed e efforts for widespread r "energy creation," the agawa Solar Bank s in Japan that aims to (PV) systems at ration between the d construction ential PV systems from olar Bank System. The ce, quantity to be and after-sales support, Center," an organization wer systems, handling effecture, and eutral ground. The he Prefecture.	

anels

The "Kanagawa Solar Center" accepts requests for quotes for installation, and sends them to registered companies. Companies and citizens who request quotes discuss individually, and conclude an agreement on installation of solar power systems.

4. Results

The system presents several installation plans that may theoretically recover installation costs in 10 years. It is expected to further contribute to widespread introduction of solar power systems.



Pictures

An overview of	Kanadawa	Solar Bar	nk Svstem

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Area	Environment	Prefecture	Osaka Prefecture
Title	Toward a metropolis where people can feel a gentle breeze rustling the leaves of the trees		
Measure/ Project name	Special zones for greenery campaign		
Details	 Analysis of issues and goals Osaka needs to create an overwhelmin lush greenery to attract people, companies growth. But, as often said, "Osaka has little green ranks the worst in ordinance-designated of the evaluation of urban greenery conducted Furthermore, in a questionnaire targeted at them answered "I see lush greenery in the no nature left in the cities. In terms of environment, urban heat-isla example, the average temperature in Augu that in Naha, Okinawa, and Osaka was cate Osaka is still far from an attractive city i environment. Against such a background, the Prefect "developing greenery to bring a cool, gent attractive city". With this concept, the Prefet "green environment that citizens can realize local communities in a variety of ways, and in such a way that citizens can feel benefit developed various measures shifting from projects based on the viewpoint of supplie regulation and subsidies including greening subsidy system covering the entire Prefect companies and citizens such as deregulat by companies, and community-wide activity 	s and investment, enery"; the greene ities. Osaka also ed by the Mori Me at citizens in the p e cities", and citize and effects have w ust 2010 reached illed "the hottest of n terms of urban of ture developed a le breeze to make ecture has promo ze" in cooperation d through deregul ts, not burdens. (T conventional, pul rs of greenery set of gobligations for h ture, to user-orier ion, encourageme ties).	and achieve further ery coverage in Osaka ranks at the bottom in morial Foundation. refecture, only 1% of ens feel there is almost worsened in Osaka. For 30.8°C, higher than sity in Japan." dignity and clear concept of e Osaka a more ted efforts to create a with companies and lation of urban planning The Prefecture blic-led greenery rvices, such as ouildings and the need projects led by ent of unique services

and private land along them (within 100 m from both sides of the public space), as "special zones for a greenery campaign," and gave higher priority to creation of a green environment. (The special zones will strive to achieve the Prefecture's greenery goal three years ahead of the schedule).

○ The special zones were selected from radial roads and beltways forming an urban axis of Osaka, and major rivers based on a comprehensive judgment including low greenery coverage, high-priority areas for measures against urban heat-island effects, and designation as wide-area emergency traffic routes (focused on the disaster prevention function of trees).

○ The special zones are committed to:

(1) Preparing a greenery plan that handles public space such as roads and private land as a unit to promote greenery campaigns in an integrated manner. The special zones have promoted greenery campaigns by utilizing semi-public spaces where roads and private land are adjacent to each other.

⇒ Establishing the "greenery initiative in special zones for a greenery campaign," a three-year high-priority project that supports planting in communities under the greenery plan. Companies offer trees to be planted, and communities provide support in management of street trees.

(2) Relaxing the standards for floor-area ratio and building-to-land ratio for buildings that have a certain level of "visibility" of greenery to facilitate greening in cities. The relaxation is applied to house owners who voluntarily select to meet the visibility criteria (the first approach in Japan).

(3) Granting preferential treatment unique to companies (preferential loans for houses with rich greenery, discount of greening materials and landscaping works, provision of trees to be planted in semi-public space free of charge, etc).

(4) Implementing measures against urban heat-island effects in cooperation with companies, for example, thermal barrier coating and rainwater storage tanks for sprinkling water.

(5) Promoting new greening programs with funding from the private sector (a demonstration project of turf parking lots conducted at the expense of the private sector, development of greenery facilities by raising funds through selling the naming-rights, etc.)

• Achievements of the project

 \odot Areas designated as special zones for greenery campaign: Approx. 200 km along 12 roads (as of May 2011)

⇒ Selected in consultation with 17 relevant municipalities.

⇒ Since 2011, August is designated as "Greenery and Breeze Month" to foster the

momentum of communities in greenery campaigns, and enhance the effects of designation as special zones. The Prefecture has started new projects such as events in which 700,000 citizens participated, the ownership system for street trees ("My trees system"), and "Medical checkup of towns," a study on urban temperature in collaboration with a university.

○ Tree-planting and maintenance projects based on greenery plans led by local communities: 41 areas (2011), 42 areas (2012)

 Review of zoning and development of district plans under the City Planning Act required for relaxing the standards for floor-area ratio and building-to-land ratio: Conducted in six cities.

* The criteria of greenery visibility are not compulsory. House owners who want to apply the relaxed standards select to meet them voluntarily.

* The relaxation of building-to-land ratio is applied to high-density residential areas. This is expected to encourage rebuilding of existing inadequate housing with a building-to-land ratio higher than the legal limit. The Prefecture also sets standards for fire resistance to enhance disaster prevention capabilities of houses through greenery and exterior wall material.

• Corporate sponsors: 155 companies (and organizations)

* The Prefecture has introduced a registration system for corporate sponsors of the greenery campaign since March 2012, and held events such as the "Greenery and Breeze Festival."

○ New greening programs with funding from the private sector: Constructed "Welcome Garden Shin Osaka (*Osaka Hana Byoubu*)," a public green space in front of JR Shin Osaka Station, by raising funds through selling naming rights to private companies without the use of public funds. The companies that participated in the construction project were selected through a voting open to station users, not a screening panel that is usually held in public works. Welcome Garden Shin Osaka has been open to the public since July 31, 2012.

Pictures



	Toward a metropolis where people can feel a gentle breeze rustling the leaves of the trees	
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Area	Environment	Prefecture	Fukuoka Prefecture	
Title	Promotion of rare metals recycling			
Measure/ Project name	Rare metals recycling project			
	[Objectives] This project aims to establish a cluster of the recycling industry, accumulate the seeds of research on rare metals extraction, and commercialize a recycling system with the purpose of utilizing the potential of rare metals, promoting progress of the recycling industry in Fukuoka, and establishing a recycling-oriented society.			
Details [Project outline] Toward commercialization of a rare metals recycling syst Prefecture has carried out a project to promote development for recycling rare metals from used products, and establishm collection system for small household appliances: 1 Hosting an industry-government-academia liaison meetin Since July 2008, Fukuoka Prefecture hosts a meeting wh parties from industry, government and academia exchange of information to work towards commercialization of rare metals			ment of technologies dishment of a neeting ng where interested inge opinions and	
	 2 Promoting joint research projects such as on rare metals extraction technologies (1) Research on separation and extraction of tantalum and other rare metals from waste electronic equipment (from 2009 to 2010, a project funded by the Ministry of Economy, Trade and Industry, METI) (2) Joint research between industry, government and academia on rare earths recycling from waste fluorescent lamps (from 2010 to 2012) 			
 3 Implementing model projects for collection of small househol Considering that a stable and efficient collection system is ner rare metals recycling into a successful business, Fukuoka Prefer implemented model projects since 2008. In addition, since 2011 Prefecture has expanded the collection area for small appliances 			tem is needed to turn ka Prefecture has nce 2011, the	



Area	Environment	Prefecture	Kumamoto Prefecture
Title	Effective use of biomass		
Measure/ Project name	Promotion of the use of biomass		
Details	 Objectives Promoting the use of biomass is including creating a recycling-ori creating new industries in harmo opportunities, and invigorating thand villages. In light of this, Kum of biomass by taking advantage fisheries industry and abundant for the sector of the sector of the sections in the Prefecture universities: (1) Scheme to promote the projee Biomass Utilization Promotion Opported measures for effective opported in 2011, Research Workshops are held in which mut to promote understanding and effective of the use of biomass in response for effective opported in the section opported in the section opported in the section of the use of biomass in response for the use of biom	ented society, preve ny with the environn le agriculture, foresti amoto Prefecture ac of the thriving agricu biomass resources in mass Utilization Pro Prefecture supports e uilding about the use commercialization in re, municipalities, co ct Committee" is establi use of biomass in a o nicipalities, compani forts of relevant par	enting global warming, nent and thereby job ry and fisheries industry ctively promotes the use alture, forestry and in the prefecture. omotion Program" efforts for information e of biomass, in partnership with ompanies and ished in the Prefecture to comprehensive and ies and NPOs participate ties.

Pictures	Biomass Center in Yamaga City
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Area	Disaster preparedness and crisis management	Prefecture	Aomori Prefecture
Title	River levels information delivery system by use of mobile messaging services		
Measure/ Project name	Advance warning of flood and evacuation (commonly called "oshirase mail")		
Details	Aomori Prefecture had provided citizens with information on rainfall and river levels via the Internet and the mobile website. However, recently, more people have suffered from disasters because of a delay in receiving disaster information and evacuation advice. Accordingly, the Prefecture developed a system that sends an e-mail to users automatically via mobile phones when river levels reach the alarm level, and started operation of the service in June 2006. Users who receive a message can get ready and be prepared for evacuation in sufficient time. This allows them to evacuate promptly in the event that an evacuation advisory is issued. This service is helpful particularly for the elderly and children who take time for evacuation, families with people with disabilities who need support in the event of disasters, and operators of nursing care homes. • Number of rivers and observatories covered by the messaging service: 79 rivers, 112 observatories		
Pictures	#xff#2++vyf!!Ceboo 22226Ceboo 22226Conceptual drawing of the system		

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Area	Disaster preparedness and crisis management Prefecture Shiga Prefecture	
Title	Protection of people and regions from flood	
Measure/ Project name	Flood control measures in Shiga Prefecture	
Details	 Current situation and issues In addition to a growing number of floods nationwide, there is a concern about the possibility that floods may cause more devastating damage in the near future with climate change. Furthermore, a problem of a decline in regional capabilities to prevent disasters due to lifestyle changes has surfaced. Against such a background, there is an urgent need to enhance flood control measures taken by different bodies in different fields. Flood control in Shiga Prefecture To protect people's lives and minimize devastating damage from any floods, the Prefecture promotes damage mitigation measures that combine stormwater retention ("storage") in basins in residential areas (floodplains), measures on floodplains ("prevention"), and enhancement of regional capabilities to prevent disasters ("preparation"), in addition to existing measures such as flood control facilities and basin development. The entire local community including the administration and citizens needs to make a concerted effort to promote these measures in the form of cooperative flood control. Such efforts require both public support based on a partnership between the Prefecture and municipalities, and mutual/self-support by citizens through their participation in tangible and intangible ways. Prefecture's policy on flood control (1) Presenting a "Flood Map" illustrating the results of flood simulation of the entire prefecture Assesses the risk of flood damage based on safety at individual locations where people live (safety in residential areas, meaning floodplains), not on that at flood control facilities (rivers, etc). Indicates safety in residential areas by "a degree of damage and a probability of occurrence" of individual locations in floodplains. Specifically, the assessment is based on a simulation not only of flood in large rivers, but also of that in small-and-medium sized rivers. Shares inf	

	 flood control measures that integrate public, mutual and self-support. (2) Drawing up a "plan to develop flood-resistant regions" Divides the prefecture into six regions, and individually establishes an organization where administrative bodies, local citizens and relevant parties discuss regional issues ("Committee on Development of Flood-Resistant Region"). For regions with a low level of safety in residential areas, the Committee develops a regional development plan to prevent flood damage. (3) Developing regions in consideration of flood risks Promotes enactment of ordinances on land use and buildings for areas where houses may be submerged or washed away by flood, resulting in damage to people, or for those where inundation above floor level occurs frequently. (4) Enhancing the abilities of citizens to prevent disasters in regions Holding symposiums and forums, Offering lectures in areas at high risk of floods, Offering lectures at elementary schools located in areas at high risk of floods, Holding evacuation workshops such as by use of the River Disaster Imagination Game (R-DIG), and, Collecting literature on past floods, organizing tacit knowledge obtained from a field hearing from victims into a database, and posting such information on the Prefecture website.
Pictures	A hazard map prepared in a lecture offered at an elementary school
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