

(1) Household Sector

Action Policies

1. Promote energy-saving houses

Promote new construction of energy-saving houses and energy-saving renovation of existing houses in order to reduce energy loss from houses associated with the use of air conditioning, hot water supplies, etc.

2. Encourage reduction of energy consumption by home appliances and housing equipment (water heater, etc.)

Promote replacement of existing home appliances with more efficient models; reduction of inefficient home appliances; and use of home appliances with energy the generation of which does not produce CO₂ in order to reduce energy consumption from home appliances and housing equipment, including lighting and water heaters used at houses.

3. Promote low-energy-consumption lifestyles

Promote avoidance of unnecessary energy consumption, including unused lighting and standby electricity; consumption from an environmental perspective; and environmental education and activities in order to promote low-energy-consumption lifestyles that are not dependant on air conditioning and lighting as far as possible.

Measures to be Defined and Examined/Road Map

1. Promote energy-saving houses

1	Measures for new housing and building	<u>Expansion of the range of buildings whose registration in CASBEE (Comprehensive Assessment System for Built Environment Efficiency) Yokohama is required</u>		
		Expand the range of buildings whose registration in the Yokohama City environmentally-friendly Building Plan is required. (Buildings with a size of 2,000 m ² or more should be environmentally-friendly and include energy-saving measures.) Furthermore, develop local architects to review city operational systems and conduct assessments.		
		Notice of system changes/review of operational systems	Expansion of range	②
		Training of assessors/coordination with related organizations		
		<u>Mandatory release of assessment results in advertising</u>		
		Require release of self-assessment results using CASBEE Yokohama so that residents and others can easily select environmentally-friendly condominiums, etc.		
		Notice of system changes/review of operational systems	Mandatory release	②
		Coordination with related organizations		
<u>Implementation of CASBEE for Home (Detached House)</u>				
Implement the CASBEE for Home (Detached House), a detached house version of CASBEE Yokohama, to encourage residents to construct environmentally-friendly houses.				
Training of assessors	Education of and promotion to residents	Implementation (Ongoing promotion and education regarding CASBEE (Detached House))	②, ③, ⑥	
Promotion of conventional methods of construction				
<u>Promotion of energy-saving houses and buildings</u>				
Subsidize costs for the assessment of energy-saving houses and buildings, and reduce taxes, etc. in order to promote highly efficient, energy-saving and long-life houses and buildings. Furthermore, develop a system for low-interest loans for construction and other costs and encourage residents and others to construct environmentally-friendly houses and buildings.				
Examination of encouragement measures based on reduction of taxes, etc./coordination for the implementation of low-interest loans	Implementation of low-interest loans	Implementation of promotion measures based on tax reductions, etc.	①, ③	

2	Measures for existing housing	Development and implementation of anti-climate-change renovations (functional improvement through remodeling)			
		Promote renovations of existing housing complexes from the perspective of not only environmental friendliness but also community building and revitalization, welfare measures, and disaster control measures. Take action by implementing the idea of eco-village, a concept of town and social development aiming for sustainability.			
		Examination and determination of candidate sites for implementation/coordination with related parties	Establishment of a methodology review committee/formulation of a basic plan	Design for implementation/verification of effects of actual work	④
		Promotion of eco-renovation			
Hold seminars in cooperation with housing fairs and exhibitions, etc. to proactively promote eco-renovation that can be relatively easily carried out.					
Implementation of seminars, etc. for housing suppliers such as constructors			③		
2. Encourage reduction of energy consumption from home appliances and housing equipment (water heaters, etc.)					
3	Promotion of highly efficient housing equipment	Promotion of highly efficient water heaters and lighting (LED) and domestic fuel batteries			
		Encourage introduction of highly efficient housing equipment, such as highly efficient water heaters and lighting (LED) and domestic fuel batteries, through campaigns utilizing various public relations activities and events, as well as preferential treatment for installation involving subsidies of related costs.			
		Campaign development Examination of installation incentives	Introduction of installation incentives	①, ③	
4	Promotion of energy-saving home appliances	Encouragement of replacement of home appliances			
		Promote replacement with advanced energy-saving products through an effective combination of data-based campaigns and an environmental point system.			
		Campaigns in cooperation with the Japan Center for Climate Change Actions (JCCCA) and Yokohama Eco School (YES)	Coordination with the environmental point system	③	
		No sales of non-energy-saving home appliances			
Aim to eliminate sales of non-energy-saving home appliances in the city through the implementation of an energy-saving labeling system and examination of implementation of sales regulations so that residents can with certainty select energy-saving products when purchasing home appliances.					
Implementation of the energy-saving labeling system		Implementation of sales regulations	②, ③		

3. Promote low-energy-consumption lifestyles				
5	Promotion of energy management	Promotion of "energy-saving navigation"		
		Promote installation of "energy-saving navigation" that indicates the amount of electricity used at home and the corresponding CO ₂ emissions in real-time.		
		Campaign development	Implementation of installation incentives	①, ③
		Promotion of the Home Energy Management System (HEMS)		
Promote installation of HEMS at each house that connects in-house energy-consuming devices to a network and controls them automatically.				
		Campaign development	Implementation of installation incentives	①, ③
6	Shift of residents' lifestyles	Implementation of environmental point activities		
		Develop an environmental point system in Yokohama City to provide occasions for environmental activities and vitalize regional economy.		
		Implementation of demonstration experiments in Y150	Expansion across the whole city	④
		Establishment of the Yokohama City Center for Climate Change Actions		
		Establish the Yokohama City Center for Climate Change Actions, and promote the implementation of educational activities, support for various activities, anti-climate-change action and activities, etc.		
		Designation of the center	Expansion and implementation of an activity menu	⑤
		Establishment of the Yokohama Eco School (YES)		
		Take action through the Yokohama Eco School (YES) that aims to provide environmental information and learning opportunities wanted by residents; create a network of organizers of activities; and develop human resources who can be leaders.		
		Promotion of action, development of 1,000 climate change prevention leaders		③, ⑤
		Promotion of environmentally-friendly consumption and energy-saving activities		
Further promote energy-saving and G30 activities in daily life, as well as environmentally-friendly activities with regard to consumption and buying that will be a major factor in daily practices that contribute to CO ₂ emission reductions.				
Examination and implementation of a new structure		③, ⑤		
One Zero-carbon Project in One Ward				
Implement the One Zero-carbon Project in One Ward in accordance with the characteristics of each of the 18 wards in order to take action for climate change prevention. Facilitate cooperation among wards, local residents, companies and promotional organizations with regard to the implementation of this project.				
Start of action	Establishment and expansion of a cooperation model	Implementation of action in each ward utilizing climate change prevention leaders	④	

(2) Business Sector

Action Policies

1. Reduce energy consumed by business activities

Encourage companies to implement energy-saving measures and use renewable and/or untapped energy and reduce the consumption of energy generated by fossil fuels.

2. Increase supply of energy with a lower environmental load

Increase the number of citizens and companies that supply recyclable energy, and gain a grasp of information regarding the energy supply so that various citizens and companies can quickly and efficiently install recyclable energy equipment.

3. Expand business forms that contribute to the environment

Demonstrate the forms of environmentally friendly business to citizens, promoting partnerships with companies that contribute to the environment in addition to taking support measures to develop and stimulate environmental businesses and technology. Furthermore, increase demands for environmental value, etc. by expanding carbon offsetting.

Measures to be Defined and Examined/Road Map

1. Reduce energy consumed by business activities					
7	Energy-saving measures by companies	Reinforcement of a Climate Change Prevention Measure Planning System			
		Improve the Climate Change Prevention Measure Planning System to further promote voluntary action by companies that emit large quantities of greenhouse gases; expand companies covered by the system; and ensure the effectiveness thereof. (Aim for a 3% reduction in the total quantity of greenhouse gases emitted by companies concerned in industrial and operation sectors in the three years after the revision of the system.) Furthermore, conduct further examinations as well on requiring mandatory emission reductions.			
		Notice of the revision of the system	Enforcement and operation of a municipal law	Assessment and recognition of action	②
		Support for energy-saving activities at small- and medium-sized companies			
		Expand the various advising systems and institutional loans, and enhance support systems through the establishment of a new consultation service in order to promote environmentally-friendly action by small- and medium-sized companies. Furthermore, establish a system that allows voluntary participation in the Climate Change Prevention Measure Planning System to support highly-motivated small- and medium-sized companies.			
		Expansion of existing systems/examination of support systems	Start of the systems/operation of support model project	Operation of the systems/implementation of support project	①, ②
		Development of financial instruments to promote eco activities			
		Provide financial support for companies, including the implementation of institutional loans, in cooperation with financial institutions. Furthermore, ask financial institutions to cooperate in the creation of financial instruments that lead to the promotion of environmentally-friendly investment activities.			
		Examination of expanding institutional loans	Expansion of institutional loans		①, ③
		Support for advanced action by companies			
Consider allowing the Center for Climate Change Actions to have the function of proactively supporting advanced action by local companies. (Support example in FY2008: Action by the Kamiooka Store of Ito-Yokado selected (by the Ministry of Land, Infrastructure, Transport and Tourism) as a model project that promotes CO ₂ reductions in houses and buildings)					
Examination/introduction of model	Start of full-scale project operation	Expansion of project	④		
Use of the Yokohama City Center for Climate Change Actions					
Establish the Yokohama City Center for Climate Change Actions (tentative name) to provide companies with consultation regarding reduction of greenhouse gases. Furthermore, consider allowing the center to have a regional consultation service function. Also, consider allowing the center to have the function of supporting companies regarding advanced measures for reducing greenhouse gases, such as the formulation of an energy-saving policy in cooperation with companies and support of companies for commercialization in technology development.					
Designation of the center/examination of functions		Operation/Implementation			

2. Increase supply of energy with less environmental load			
8	Ascertainment of energy supply information	Request to companies for provision of information	
		Enable the Mayor to request energy suppliers to provide information so that information on energy supply in the city can be more accurately ascertained.	
		Examination of the system	Enforcement and operation of a municipal law/provision of information to companies
		②	
Establishment of an Energy Planning System		Establish an Energy Planning System to improve environmental efficiency of energy supplied in the city, and encourage energy suppliers to introduce renewable energy.	
Examination of the system		Implementation of the system	②
3. Expand the forms of projects that contribute to the environment			
9	Yokohama Green Valley (expansion of environment- and energy-related business and technology)	Support for commercialization through the expansion of SBIR	
		Utilize the Yokohama Version of the Small Business Innovation Research (SBIR); promote development of new technologies and products that contribute to climate change prevention measures; support the commercialization of development results; and aim to facilitate acceleration of climate change prevention using advanced technologies of small and medium-sized local companies, as well as development of environment- and energy-related business in the city. Set "climate change prevention measures" as a focus theme, and support advanced research and development through subsidies for climate change prevention technology innovation, in addition to seeking research and development plans from small- and medium-sized local companies. Proactively test and use outstanding results of development in the future, promote climate change prevention in the city, and support the expansion of markets into private sectors and other cities.	
		Support for technology development related to anti-climate change	
		①, ⑦	
		Establishment of a network of environmental and energy engineers	
		Facilitate cooperation with industry groups, local companies, local universities, Yokohama Science Frontier High School, etc., and establish a network.	
Creation of a structure		Networking test	Full-scale operation
⑤		Provision of information regarding energy-saving and eco products from companies to consumers	
Develop the Green Purchasing Network (GPN) activities, promote environmentally-friendly (eco) products in the city, and support development of eco products by local companies. Furthermore, support establishment of Yokohama GPN as local action, and proactively provide information to residents (consumers) by transmitting information via Internet and holding lectures, etc.		Establishment of the GPN local network/Start of the activities	
③, ⑤		Promotion of the introduction of carbon offsetting in events sponsored by Yokohama City	
Promote the introduction of carbon offsetting in events sponsored by Yokohama City. Furthermore, examine the offset method and the scope of coverage based on issues associated with the introduction and past results; identify types of events in which carbon offsetting can be introduced; and create guidelines explaining the method of introduction, etc. during FY2009. Increase the number of events in which carbon offsetting is introduced, and determine events in which carbon offsetting must be introduced, as well as the scope of coverage, after examining issues and assessing results.		Creation and partial implementation of guidelines	
Examination of issues and assessment of results based on results of introduction		Determination of events in which carbon offsetting must be introduced/action assessment	⑦
Promotion of the introduction of carbon offsetting in events and conventions using city facilities		Promote the introduction of carbon offsetting in events and conventions held at Yokohama city facilities (public facilities, etc.). Furthermore, with regard to events and conventions for which Yokohama City bears some of the costs, consider the introduction of carbon offsetting as conditions of the cost burden while making sure that the conditions will not become too much burden for organizers of the events and conventions.	
Creation and introduction of explanatory materials		Examination and establishment of an effective method of introduction	Assessment of effects and results of introduction/review and examination of expansion
②, ③			
10	Expansion of carbon offsetting	Promotion of the introduction of carbon offsetting in events sponsored by Yokohama City	
		Promote the introduction of carbon offsetting in events sponsored by Yokohama City. Furthermore, examine the offset method and the scope of coverage based on issues associated with the introduction and past results; identify types of events in which carbon offsetting can be introduced; and create guidelines explaining the method of introduction, etc. during FY2009. Increase the number of events in which carbon offsetting is introduced, and determine events in which carbon offsetting must be introduced, as well as the scope of coverage, after examining issues and assessing results.	

11	Promotion of partnerships with companies	<u>Reduction of disposable amenities at accommodation facilities, etc.</u>		
		Support actions by local accommodation facilities, such as charges for amenities and the provision of benefits when amenities are not used. Furthermore, consider model implementations, etc. at local tourist spots.		
		Field survey/PR of upfront examples/campaign activities for tourists	Continuation and gradual expansion of action	①, ④
		<u>Expansion of the use of reusable containers at restaurants, etc.</u>		
		Promote a shift in residents' lifestyles while supporting the actions of each company, such as shifting from the use of disposable containers to reusable containers at restaurants, etc. and promotion of the use of customers' own cups.		
		Survey on and ascertainment of shops that can comply with this measure	Promotion of the measure, including conclusion of agreements	①, ③
		<u>Reduction of unnecessary containers and packaging, including plastic shopping bags</u>		
		Educate residents and other and promote to them the use of their own bags when shopping while not using plastic shopping bags provided by various shops, and promote the reduction of unnecessary containers and packaging, including plastic shopping bags, by encouraging companies to cooperate with these reductions in addition to providing them with support, etc.		
		Survey on the actual status of emissions and residents' awareness/creation of a structure for opinion exchanges between residents and companies	Request for action to companies/PR by companies engaged in such action	①, ③

(3) Transportation (Traffic) Sector

Action Policies

1. Take basic measures for steady CO₂ reductions

Take action for the review of lifestyles that depend excessively on privately-owned vehicles so that citizens will voluntarily use environmentally friendly transportation means, such as walking, bicycling, and taking public transportation. Promote the steady reduction of CO₂ emitted from vehicles by expanding the use of fuel-efficient and low-emission vehicles.

2. Improve the transportation system in order to lead to the continuous reduction of CO₂

It is necessary to improve the transportation system from the standpoint of users in order to promote environmentally friendly transportation and continually reduce CO₂ emissions. To achieve this, create opportunities for consensus-building and cooperation with citizens that use public transportation services, including railways and buses, and with companies that provide the services, and promote a shift from the use of privately-owned vehicles to car-sharing and community bicycle systems.

3. Facilitate coordination between traffic measures and town development

With regard to improvement of the traffic system, it is important to coordinate with town development measures, including land use regulations and development, to aim for the integration with people's travel objectives and city functions. Establish and share a future vision in which transportation and town development are united harmoniously through close communication with interested parties, and take the initiative for consensus-building toward the realization thereof.

Measures to be Defined and Examined in 5 Years/Road Map

1. Take basic measures for steady CO₂ reductions

12	Voluntary changes in transportation/cooperation with residents	Mobility management (wise use of vehicles)			
		Promote a voluntary shift of residents' patterns of behavior from a "vehicle-oriented" lifestyle where motor vehicles are excessively used to a lifestyle that appropriately uses bicycles and public transportation, including trains and buses. Set a model area in which privately-owned vehicles are relatively heavily used, and promote mobility management with focusing on that area. In addition, formulate an implementation policy to effectively promote changes in transportation, and develop it in the city.			
		Formulation of an implementation policy/ implementation in a model area	Expansion of the implementation area	Expansion of the implementation area/ development of coordinators	③, ④
		Eco-driving			
		Cooperate with the Metropolitan Network of 8 Prefectures and Cities, Japan Automobile Federation, Yokohama City Council for Climate Change Actions, and Nissan Motor Co., Ltd. to hold eco-driving lectures and competitions and promote basic eco-driving diagnosis devices so that residents and companies can experience and learn eco-driving.			
		Lease of eco-driving navigation devices/promotion of eco-driving in cooperation with companies/holding of lectures		③, ④	

13	Promotion of fuel-efficient and low-emission vehicles	Introduction incentives	
		Subsidize partial costs for companies, etc. introducing low-emission vehicles designated by the Metropolitan Network of 8 Prefectures and Cities.	
		Subsidies for low-emission vehicles (heavy vehicles) designated by the Metropolitan Network of 8 Prefectures and Cities/subsidies for electric vehicles, plug-in hybrid vehicles, and hybrid taxi vehicles	①, ③
13	Promotion of fuel-efficient and low-emission vehicles	Support for recharging equipment and provision of preferential treatment toward the promotion of electric vehicles	
		Install recharging equipment at public parking spaces, etc.; subsidize costs partially when private companies install recharging stations; and examine and implement support measures for the installation of recharging equipment in new buildings. Furthermore, examine and implement preferential treatment, including reduction or exemption of fixed asset and other taxes, as well as parking fees.	
		Subsidies of costs for installing recharging stations Examination of measures to support installation in new buildings Examination of reduction or exemption of taxes, parking fees, etc.	Implementation of support measures for new buildings Implementation of reduction or exemption of taxes and parking fees
14	Development of road and traffic network	Development of the railway network (Kanagawa East Area Line)	
		With regard to the Kanagawa East Area Line (from Nishiya to Hazawa/from Hazawa to Hiyoshi), promote design by a company related to development of railway facilities, as well as land acquisition and construction, and provide necessary subsidies in cooperation with national and prefectural governments. Examine planned but undeveloped zones comprehensively based on changes in the social environment, including the dropping birthrate and the aging population, the status of land use around the area, and a review of transportation needs.	
		Design, land acquisition, and construction of the Kanagawa East Area Line Examination of business aspects of planned railway zones	①, ⑥, ⑦
14	Development of road and traffic network	City planning and road improvement through selection and focus	
		Improve road networks in the city, and facilitate smooth traffic through traffic congestion measures, etc.	
		Major roads to be completed: Yamashita-Nagatsuta Line (the west zone of the Kamoi area), improvement of the Harajuku intersection (main line part) of National Route No.1, Yokohama-Isehara Line (Izumi and Kamiwada areas), Yokohama Circular North Line and related streets	⑦
15	Reduction of environmental load in city traffic	Promotion of the introduction of fuel-efficient and low-emission vehicles	
		Promote the introduction of electric-type hybrid buses and CNG buses.	
		Promotion of the introduction along with a renewal plan	⑦
		Introduction of biodiesel fuel (city buses)	
		Collect information from suppliers, etc., establish a stable supply system, and introduce biodiesel fuel when its cost becomes the same as or lower than the cost of light oil.	
		Examination of the introduction of biodiesel fuel for city buses	⑦
		Promotion of eco-driving (city buses)	
Expand the introduction of drive recorders, promote guidance using the recorders with regard to the status of each driver's driving, and further raise fuel consumption targets to be achieved in 2008 (average fuel consumption of diesel vehicles: 2.60 km/liter).			
Promotion of eco-driving for city buses		⑦	
Promotion of the use of public transportation with credit card payments			
Introduce a new credit card that uses a city transportation brand, and promote the use of public transportation by providing various types of advantages to customers, including services and improved convenience.			
New introduction	Seeking credit card holders, coordination with cooperative companies and organizations located along relevant lines	⑦	

2. Improve the transportation system in order to lead to the continuous reduction of CO₂

16	Creation of opportunities for consensus-building and cooperation to improve a transportation system	Examination of consensus-building methods (consensus meeting, etc.) regarding traffic measures	
		<p>Examine a method of consensus-building regarding traffic measures, including restriction of the entry of vehicles in certain areas, regarding there may be different opinions among interested parties.</p> <p>Have wide discussions of specific operational methods, etc. made with the participation of residents and specialists, and hold consensus meetings after examining the specification of administrative issues, as well as possible effects, effectiveness, and negative impact of measures, in addition to conducting research on <u>examples of various consensus meetings.</u></p>	
		Internal examination of necessity and effectiveness of using regulatory approaches	Holding of meetings
		⑤, ⑥	
		Traffic Policy Promotion Council	
		<p>Establish and operate the Yokohama City Traffic Policy Promotion Council that will provide regular opportunities for discussions on the direction of traffic policies, etc. according to current circumstances, including climate change prevention, among various parties involved in Yokohama City's traffic policies, including residents, companies, transportation companies, and administrative agencies.</p>	
		Establishment and operation of the council	⑤, ⑥
17	Promotion of effective use of vehicles	Car-sharing	
		<p>Examine effective measures to be taken by the city, including support for installation of vehicle stations, to promote "car-sharing" in which multiple people jointly use a car, and encourage car-sharing companies, local parking companies, and management boards of housing complexes to use car-sharing.</p> <p>Furthermore, conduct research on possible use of mobile and delivery vehicles developed as part of the next-generation automobile technology, including a way of joint use in the future, in cooperation with the national government and an industry-government-academia network.</p>	
		Examination of administrative support measures	Business development by private companies, implementation of support measures by the city
		①, ⑥	
		Park & ride	
		<p>As a measure to optimize the use of transportation, consider a system in which users park their privately-owned vehicles at a station, etc. and then use public transportation, including railways and buses, to go to a destination. The system targets large parking space around stations close to residential areas.</p>	
Examination of areas for effective implementation	Coordination with individual parking lots for partial implementation	⑥	
		Use of Intelligent Transport Systems (ITS)	
		<p>Conduct a demonstration experiment to simulate traffic improvement and CO₂ reduction effects using ITS, such as linkage with signal control of various types of information acquired from moving vehicles and application for route guidance, in cooperation with the national government and an industry-government-academia network. Furthermore, consider the direction in future use after assessing effects of measures.</p>	
Establishment of a research system, and examination and formulation of a demonstration experiment plan	Partial implementation and assessment of the demonstration experiment	④, ⑥	

18	Shift from the use of privately-owned vehicles to the movement by walking, bicycling and by taking public transportation	<u>Seamless development of stations and surrounding areas</u>	
		Provide effective information at stations for the seamless development of information, and promote barrier-free access at stations and surrounding areas for the seamless development of space by formulating a basic initiative for barrier-free access in an area of each ward and appropriately allocating cycle parking space, etc. Furthermore, consider the future introduction of a joint plan ticket by transportation companies in the metropolitan area for the seamless development of the economy.	
		Coordination with companies	①, ⑥, ⑦
		<u>Promotion of local transportation support</u>	
		Establish local organizations to examine implementation of modes of transportation that are closely connected with daily life, including small buses and the share-riding of taxis, which action has been already taken in 11 areas to support the starting of project that will lead to the operation of such modes of transportation. Promote further expansion, and increase the number of action cases in addition to aiming for full-scale implementation in areas where action has been already taken.	
		Implementation	④, ⑦
<u>Community bicycles</u>			
Conduct discussions and determine policies among relevant parties toward implementation, and publicly invite and select companies as participants. Implement the community bicycle system gradually at possible locations, and expand the scale as needed. Furthermore, consider improvement of the environment for bicycles as well.			
Test implementation in some areas	Expansion of the scale of implementation based on the implementation results ①		

3. Facilitate coordination between traffic measures and town development						
19	Reduction of environmental load with regard to logistics, commerce, etc.	<p><u>Appropriate allocation of large-scale logistical facilities</u></p> <p>Formulate basic idea regarding location of large-scale logistical facilities, and establish standards for location of specific logistical facilities in the urbanization adjustment area.</p>				
		<table border="1"> <tr> <td>Formulation of standards for location</td> <td>Operation of standards for location</td> <td>②</td> </tr> </table>	Formulation of standards for location	Operation of standards for location	②	
		Formulation of standards for location	Operation of standards for location	②		
		<p><u>Promotion of measures for stagnant traffic at large-scale suburban stores</u></p> <p>Encourage companies to promote shoppers to use public transportation, and examine necessary support measures.</p>				
<table border="1"> <tr> <td>Examination</td> <td></td> <td>⑥</td> </tr> </table>	Examination		⑥			
Examination		⑥				
20	Demonstration of and specific ideas regarding town development including transportation	<p><u>Reduction of environmental load in port logistics</u></p> <p>Promote environmentally-friendly green logistics with lower CO₂ emissions for the domestic transportation of freight containers, shifting from trucks to domestic vessels, barges, and railways, and reduce the environmental load in the areas around terminals.</p> <p>Furthermore, encourage acquisition of the Green Management Certificate (registration and certification system by the Foundation for Personal Mobility and Ecological Transportation), and promote the slogan "Keep your speed down! Port of Yokohama" in cooperation with logistics companies at Yokohama port and the authority of the Port of Yokohama.</p>				
		<table border="1"> <tr> <td>Ascertainment of needs, etc., collection of information, and examination of measures/encouragement of certificate acquisition</td> <td>Examination of expanding incentive measures, etc./encouragement of acquisition of incentives</td> <td>Implementation/encouragement of acquisition</td> <td>①</td> </tr> </table>	Ascertainment of needs, etc., collection of information, and examination of measures/encouragement of certificate acquisition	Examination of expanding incentive measures, etc./encouragement of acquisition of incentives	Implementation/encouragement of acquisition	①
		Ascertainment of needs, etc., collection of information, and examination of measures/encouragement of certificate acquisition	Examination of expanding incentive measures, etc./encouragement of acquisition of incentives	Implementation/encouragement of acquisition	①	
<p><u>Research on metropolitan transportations system through an industry-government-academia network</u></p> <p>Examine measures to improve the connection between existing public transportation and bicycles/vehicles with a lower environmental load in cooperation with national government and an industry-government-academia network. More specifically, examine the possibility of providing joint-use services of electric vehicles, etc. with lower environmental load; the location of stations to improve connection between existing public transportation and bicycles, etc.; and implementing "soft" measures, such as park & ride and point systems, and also implement social experiments as needed. Assess transportation behavioral changes caused by each measure and CO₂ reduction effects comprehensively, and verify the possibility of medium- to long-term development of systems, including future reallocation of road space and the <u>division of functions</u>.</p>						
		<table border="1"> <tr> <td>Preparation for and implementation of demonstration experiments</td> <td>Verification</td> <td>④</td> </tr> </table>	Preparation for and implementation of demonstration experiments	Verification	④	
		Preparation for and implementation of demonstration experiments	Verification	④		
<p><u>Development of integrated measures in suburban areas</u></p> <p>Make a communication-oriented approach mainly for users of privately-owned vehicles in order to restrict the excessive use of privately-owned vehicles, and promote a shift to public transportation</p> <p>Furthermore, examine and develop measures comprehensively at a model area to create a shift from private-car oriented transportation, and educate and encourage users of privately-owned vehicles to voluntarily change their transportation behavior.</p>						
		<table border="1"> <tr> <td>Implementation of demonstration experiments</td> <td>Expansion</td> <td>④</td> </tr> </table>	Implementation of demonstration experiments	Expansion	④	
Implementation of demonstration experiments	Expansion	④				

(4) Measures to promote renewable energy

Action Policies

1. Establish mutual understanding of an ideal vision for the future

It is necessary to implement a new action program that surpasses conventional frameworks in order to expand the use of various types of renewable energy, including solar energy and biomass, based on the regional characteristics of Yokohama City with its large population, because it is not possible to achieve the target of a ten-fold increase in the use of renewable energy solely through the expansion of conventional measures. To achieve the target, present an ideal vision for the future and the direction that should be taken to achieve it, and establish mutual understanding widely among citizens and companies.

2. Establish a structure to promote renewable energy

It is necessary to use strong economic means, including a fixed price purchase system, and regulatory means, including mandatory implementation, to achieve a ten-fold increase in the use of renewable energy. Take action to realize such measures while running pioneering model businesses and taking phased measures. Furthermore, promote education and market creation through not only measures to encourage the private sector but also through public initiatives.

3. Establish a business entity to promote renewable energy

It is necessary to establish an organization and system that enables effective performance of the roles necessary to support promotion of a new structure that surpasses the conventional ones that include economic and regulatory means, so that public initiatives, which have not been always an active driver, can play a central role in promotion. Aim to establish the Yokohama Green Power as a business entity for the realization of such a business entity.

Measures to be Defined and Examined in 5 Years/ Road Map

1. Establish mutual understanding of an ideal vision for the future		
21	Application of social approaches	Mutual understanding of a future vision of the ten-fold increase program
		Present a future vision in which the renewable energy target is achieved, as well as presenting the direction to achieve this, and increase mutual understanding with residents.
		Announcement and PR regarding the ten-fold increase program, etc. ③
		Promotion and education closely connected with communities
		Operate model projects for the installation of solar generators with a focus on neighborhood community halls as a promotion route that is closely connected with communities in order to expand the project using local strengths. In addition, conduct a social experiment regarding fixed-price purchase (→Refer to "22 Application of economic approaches).
	model project with a focus on neighborhood community halls	Verification ④

2. Establish a structure to promote renewable energy					
22	Application of economic approaches	<p><u>Subsidies for installation of solar generators and facilities using solar heating</u></p> <p>Provide subsidies effectively for the costs of installing solar generators and facilities using solar heat, reducing the burden at the time of installation.</p>			
		<p>Expansion of the system</p>	①		
		<p><u>Use of environmental value</u></p> <p>Create a structure using environmental value so that cost burdens for installation and operation can be reduced by actualizing and distributing CO₂ reduction value due to solar energy generation, etc.</p>			
		<p>model project</p>	Verification/Implementation	④	
		<p><u>Examination for the implementation of a fixed-price purchase system</u></p> <p>As a social experiment, test and verify a fixed-price purchase system, which has been implemented in various foreign countries and is considered to be an extremely effective method and a strong support measure, and make approaches with regard to the implementation thereof.</p>			
		<p>Social experiment</p>	Verification	Approach to national government, etc.	④
		<p><u>Efficiency in the distribution market of solar generators, etc.</u></p> <p>Establish a public consultation service center (with possible functions for diagnosis, consultations, trade fairs, estimates, assessments, etc.) so that purchasers can make appropriate decisions in a safe and efficient manner in the current distribution market of solar generators, etc., and aim for market efficiency through the center's activities.</p>			
		<p>model project</p>	Verification/Implementation	④	
		<p><u>Examination of other various incentive measures</u></p> <p>Consider incentive measures regarding efficiency, financing, tax system, relaxation of regulations, etc. in the renewable energy-related distribution market .</p>			
		<p>Examination of development of the system</p>	Successive implementation	⑥	
23	Application of regulatory approaches	<p><u>Mandatory implementation of renewable energy usage</u></p> <p>Gradually implement mandatory measures regarding the introduction of renewable energy usage into buildings. First, plan to promote mandatory examinations and reporting regarding introduction of renewable energy usage into buildings over a certain size and the mandatory provision of information on renewable energy at housing exhibition halls. Furthermore, consider mandatory introduction as the next step, based on a thorough examination of the status of introduction costs and support systems, etc.</p>			
		<p>Mandatory examination of introduction, mandatory provision of information (examination of expansion of the system as needed)</p>	②		
	Application of business approaches	<p><u>Promotion of public initiatives</u></p> <p>(→ Refer to "Measures by the city hall")</p>			

3. Establish a business entity to promote renewable energy

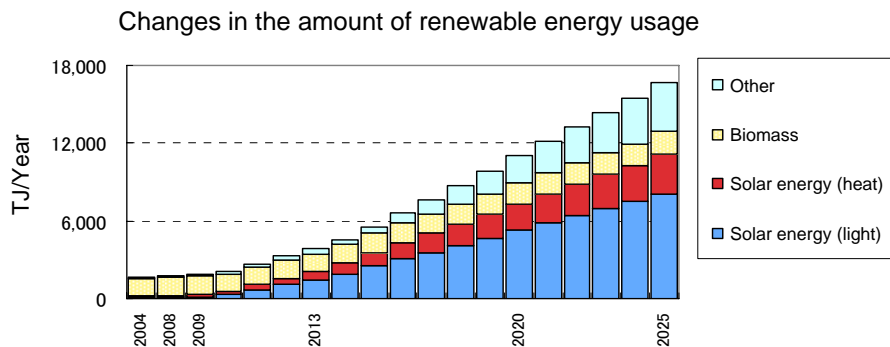
24	Establishment of a business entity for promotion (Yokohama Green Power)	Aim to establish a business entity that has both specialized technology and knowledge, a public role and is trusted by the public to be a supporter of a promotion structure, including economic and regulatory approaches, with a focus on promotion through public initiatives. Establish the business entity and take action, based on verification of business models, such as supporting the introduction of renewable energy through public initiatives (energy generation business using the rooftops of public facilities, etc.), use of environmental value, and support for efficiency in the market for solar generators, etc. (public consultation service center).		
		Pacesetting model projects	Examination of business development in detail	Establishment of the business entity

<Column> Ten-fold Increase Simulation

A simulation was conducted by assuming various cases to increase mutual understanding of the vision where the ten-fold increase in the usage of renewable energy is achieved, as well as the direction to take in order to achieve it.

1. Vision of the ten-fold increase

The amount of renewable energy usage is projected to increase almost ten times from 1.7PJ in FY2004 to 17PJ in FY2025. Solar energy will account for 66% of the total amount of renewable energy; biomass, 11%; and other types of energy, 23%. It is important to tackle usage of the various types of energy, in particular solar energy.



2. Direction to take in order to achieve the ten-fold increase

- It is assumed, for instance, that solar energy will be introduced rapidly into a total of 14,000 to 18,000 new and existing houses, and that it can, as a rule, be introduced in every possible public facility by FY2025. To achieve this, a high pace of introduction is required, and it is necessary to implement new measures, such as the acceleration of the implementation of strong economic approaches (including a fixed-price purchase system), regulatory approaches (including mandatory introduction in every feasible place based on the assumption that appropriate support will be provided), and public initiatives.
- Furthermore, with regard to biomass, it is assumed that efficiency will be improved based on the current use of organic waste and sewage sludge for energy, and that the usage of untapped energy will increase. The use of other types of renewable energy (including wind power, thermal energy, small-scale hydropower, and automobile-related) will also increase.

(5) Measures taken by the city hall

Action Policies

1. Reduce city hall energy consumption

Reduce consumption of energy generated from fossil fuels at the city hall by appropriately managing energy used in city operations, establishing a CO₂ reduction system, and ensuring energy-saving in city operations through the promotion of energy-saving using IT and at city facilities.

2. Take the initiative in using renewable energy

Take the initiative in introducing renewable energy at city facilities, using untapped energy generated from city operations, and using renewable energy widely, with city facilities at the center.

3. Promote operational methods with lower energy consumption

Take the leadership in promoting operational methods with lower energy consumption by promoting environmentally friendly activities by city staff and using environmentally friendly vehicles.

Measures to be Defined and Examined in 5 Years/Road Map

1. Reduce city hall energy consumption					
25	Energy management of city operations	Introduction of an energy chart in city operations			
		Implement a system (energy chart) that enables the prompt and continuous collection, organization, and analysis of correct data regarding the amount of energy used at all public facilities, and respond to mandatory reporting required by revisions to the law.			
		Operations of the system	Establishment of an integrated system with a city plan	Start of a new system	㉗
		Visualization of energy consumption			
		Implement equipment that enables visualization of the amount of energy used at facilities, mainly those frequently used by residents, and increase awareness of city staff and residents through aggressive PR regarding energy-saving activities.			
		Examination of implementation	Sequential implementation		㉗
26	Mechanism for zero CO ₂ at the city hall	Introduction of a CO₂ chart in city operations			
		Ascertain CO ₂ reduction points efficiently and appropriately in each budgeted project so that environmentally-friendly project can be conducted, and implement a structure to show the amount of CO ₂ emitted (reduced) by project.			
		Examination of the structure	Establishment	Operations	㉗
		Formulation of the Guidelines for Environmental Friendliness (tentative name) for introduction of renewable energy and energy-saving			
		Add items regarding environmental friendliness to city guidelines, manuals, etc., and reduce CO ₂ emitted from city facilities and operations. (Example: Add items regarding environmental friendliness in documents managed by the city, such as specification documents regarding building design and construction, various types of contract documents, and documents regarding the outsourced management of buildings.)			
		Selection of guidance, etc. to be covered	Formulation of guidelines	Enforcement of an environmentally-friendly version	㉗
		Introduction of carbon offsetting in city operations			
		Examine a mechanism for carbon offsetting and relevant operations regarding the amount of CO ₂ emitted from city operations that cannot be reduced despite reduction efforts utilizing the Guidelines for Environmental Friendliness, etc.			
		Examination of mechanism	Implementation	㉗	

27	Reduction of CO ₂ emissions using IT	Promotion of energy-saving regarding IT equipment			
		Study and improve the environmental load caused by IT equipment, formulate an improvement plan, and develop IT equipment procurement rules to improve the environmental load caused by IT equipment.			
		Formulation of the improvement plan Development of IT equipment procurement rules	Action for reducing environmental load/ Sequential implementation	Verification of results/ Improvement	⑦
		Reduction of CO₂ emissions using IT			
28	Promotion of energy-saving at city facilities	Implementation of model project to introduce energy-saving and renewable-energy equipment			
		Promote efficiency when approximately 260,000 street lights and security lights, controlled by the Road Bureau and each ward, are renewed by a model project in order to take the initiative in introducing energy-saving and renewable-energy equipment at public facilities.			
		Formulation of a plan to introduce energy-saving equipment	Sequential introduction of highly efficient street lights, etc.		⑦
		Long-term use of city facilities and promotion of efficiency in energy use			
28	Promotion of energy-saving at city facilities	Promote energy-saving and environmental friendliness when existing public facilities are remodeled and renewed so that such facilities will be used effectively for a long period of time.			
		Creation of remodeling rules	Sequential implementation	⑦	
		Promotion of the use of rainwater			
		Promote implementation of a system to use miscellaneous water, including rainwater, when a new school or a facility used by residents is built.			
28	Promotion of energy-saving at city facilities	Creation of a mechanism	Sequential implementation	⑦	
		Energy reduction due to promotion of efficiency in operations			
		Encourage each and every city staff member to conduct energy-saving activities implemented by the city.			
		Presentation of an energy-saving activity menu	Implementation of energy-saving activities		⑦

2. Take the initiative in using renewable energy

29	Promotion of the use of renewable and untapped energy at city facilities	Implementation of model project to introduce energy-saving and renewable-energy equipment		
		Implement model project to introduce a system using solar heat at approximately 200 facilities, including sports centers and nursery schools, as the initiative to introduce energy-saving and renewable-energy equipment at public facilities.		
		Formulation of a plan to introduce the system using solar heat	Model implementation	④, ⑦
		Introduction of solar power generators at city facilities and promotion of the usage of solar heating		
		Take the initiative further in developing projects using large spaces, such as the cover of water recycling centers, parks, and the parking lots of zoos, to achieve the target for expanding the use of renewable energy.		
30	Establishment of the Yokohama Green Valley (local use of renewable and untapped energy)	Use of untapped energy		
		Further promote energy-saving and CO ₂ reduction at the city hall, using untapped energy from garbage incineration plants and sludge recycling centers. Furthermore, convert cooking oil used at elementary schools into biodiesel fuel, and use it at water recycling centers.		
		Examination of introduction	Implementation	④, ⑦
		Individual introduction of renewable energy and energy-saving at cooperative facilities		
		Examine introduction at sludge recycling centers, Kanazawa Zoo, and garbage incineration plants; verify effects of model project measures to implement intensive anti-heat island measures at the Kanazawa Ward Main Office; and examine the horizontal development of each activity.		
30	Establishment of the Yokohama Green Valley (local use of renewable and untapped energy)	Examination	Implementation	④, ⑦
		Use of existing facilities and establishment of incubation facilities by companies		
		Establish a location where researchers, engineers, companies, universities, etc. can cooperate as a center for the Yokohama Green Valley.		
		Study of existing facilities	Promotion	④, ⑦
		Formation of an overall energy grid, etc.		
Establish an energy circulation model (energy grid) to effectively use electricity, gas and heat at city facilities, using renewable energy generated from the above cooperative facilities. Promote mutual use of renewable energy, including biomass, wind power, solar power, and solar heat, with private companies in the area as well. Promote the establishment of an overall low carbon area with the participation of residents and private companies.				
Formulation of an overall plan	Examination of the specific plan	Partial implementation	④, ⑦	

3. Promote operational methods with lower energy consumption

31	Anti-climate change activities at the city hall	Action for environmental education	
		Support action for environmental education by conducting eco remodeling for schools and operating an eco school model project using subsidies for environmental education projects (eco flow project).	
		Creation of a policy	Sequential implementation ⑦
		Establish energy-saving activities at public facilities and involving city staff	
		Improve public facilities appropriately while creating a structure in which city staff can take environmental activities. (Energy-saving activities by city staff in various operations/ensuring the implementation of simultaneous go-off-work days and increasing the number of the days/project operations taking into consideration CO ₂ emissions through the introduction of a CO ₂ chart)	
32	Vehicle measures at the city hall	CO₂ reduction in city hall operations in cooperation with residents	
		Promote CO ₂ reduction in city hall operations in cooperation with residents, utilizing existing organizations and activities. (Example: Cooperation with NPO regarding environmental education for residents, energy-saving cooperation by residents when they use city facilities)	
		Reinforcement of cooperation with promotion organizations	Sequential implementation ⑦
		Promotion of introduction of low-emission motor vehicles designated by the Metropolitan Network of 8 Prefectures and Cities	
		Take the initiative to use low-emission and fuel-efficient vehicles designated by the Metropolitan Network of 8 Prefectures and Cities as official vehicles.	
		Sequential implementation	⑦
		Promotion of introduction of bio fuels	
		Promote introduction of bio fuels for use in official motor vehicles, taking emissions and safety into consideration.	
		Test implementation	Sequential implementation ⑦
		Eco-driving practices using official motor vehicles	
		Ensure to increase awareness of eco-driving among city staff by holding eco-driving seminars, etc.	
		Practices	⑦
		Promotion of an alternative to motor vehicles in city operations	
		Promote walking and bicycling in city operations as an alternative to movement by motor vehicles.	
		Expansion of the use of bicycles	⑦

(6) City and green measures

Action Policies

1. Create a green city

Green space is thought to work as a cooling spot that reduces the heat island effect. Form a green city by conserving forest and farm land and promoting greening.

2. Establish an energy-efficient city

Establish a city that reduces energy consumption through anti-heat island measures, incentive measures for compact town development, and the local use of renewable and untapped energy.

3. Create an environmental action city using citizen power and creativity

Create an environmental action city using citizen power and creativity by promoting lower-energy-consumption lifestyles, expanding forms of business that contribute to the environment, and promoting innovative environmental activities by citizens and companies.

Measures to be Defined and Examined in 5 Years/Road Map

1. Form a green city			
33	Maintenance and expansion of green space	<p><u>Planting of 1,500,000 trees</u></p> <p>Plant 1,500,000 trees in Yokohama City in a concerted effort by residents, companies, and local government.</p>	
		<p>Planting of 400,000 trees (FY2009)/Promotion as a greening plan</p>	②, ③, ⑦
		<p><u>Formulation of the Yokohama Greening Plan (new and expanded measures)</u></p> <p>Formulate and promote a Yokohama Greening Plan (new and expanded measures) that encourages various activities in the three fields: conserving forest land, conserving farm land, and greening in order to curb the decrease of greenery (mountain forests and farm land) in the city area and pass on green towns to the next generation.</p>	
		<p>Steady promotion of measures</p>	①, ②, ③, ⑤, ⑥, ⑦
		<p><u>Establishment of a Yokohama Green Tax/Special (tax reduction) treatment for fixed asset taxes and city planning taxes</u></p> <p>Implement the Yokohama Green Tax that broadly requests residents to bear costs of projects that purchase forest land, conserve farm land, and promote greening that directly lead to increasing the total amount of green. In addition, implement reducing treatment for fixed asset taxes and city planning taxes on certain land in order to promote greening in urban areas and conserve farm land.</p>	
		<p>Steady promotion of the greening project (implementation of taxes for 5 years starting in FY2009) and ensuring of transparency in how the taxes are used</p>	①, ②, ③, ⑦
		<p><u>Expansion of measures to conserve green space</u></p> <p>Make it easy to use a conservation system for green space, including special green conservation areas based on the Urban Green Space Conservation Law, as well as a green conservation system, including residents' forests, riverhead forests, and green preservation areas, specific to Yokohama City, through the lowering standards regarding the designated areas of land and other measures. Also, promote the expansion of the designated areas in cooperation with land owners.</p>	
		<p>A green space conservation system involving the lowering of standards regarding designated areas</p>	②, ③, ⑦

2. Establish an energy-efficient city			
34	Anti-heat island measures	<p><u>Promotion of greening on rooftops and walls</u></p> <p>Consider promoting and requiring greening on walls and rooftops of public facilities; formulating policies and measures to further promote greening at private facilities; and creating a structure for methods to maintain and manage greening in cooperation with residents' groups. Furthermore, consider the visualization of greening effects and optimal greening methods, as well as the appropriate usage of greening and heat barrier paint on rooftops.</p>	
		<p>Creation of the structure for promotion Model implementation</p>	④, ⑥
		<p><u>Promotion of greening on the surface of land</u></p> <p>Consider promoting water permeable and water retention paving, as well as requiring greening on the surface of land, including parking lots.</p> <p>Establish a system that is easy for facilities to implement by promoting visualization of effects and creating implementation indicators and maintenance/management methods.</p> <p>Consider using heat barrier paint on appropriate places as anti-heat island measures for non-road areas.</p>	
		<p>Creation of a structure for promotion Model implementation</p>	④, ⑥
		<p><u>Securing paths for wind</u></p> <p>Aim to reduce the heat island effect by securing wind paths and green space on slopes in accordance with the Yokohama City Urban Environment Climate Map (provisional). Take medium- to long-term measures for town development in the future by carrying out large-scale town remodeling while considering wind paths, etc.</p>	
		<p>Creation of the urban environment climate map Simulation in a model area</p>	④, ⑥
35	Coordination between traffic and urban policies	<p><u>Environmentally-friendly town development</u></p> <p>Formulate Guidelines for environmentally-friendly Town Development (provisional) that can support various projects from the perspective of environment and anti-climate change, based on the current environmentally-friendly Guidelines for Environmental Management Plan and the Guidelines for Environmental Friendliness (provisional) that will be formulated in the future, and reduce the heat island effect in urban areas.</p>	
		<p>Creation of guidelines Sequential implementation</p>	⑥
		<p><u>Review of a city planning master plan</u></p> <p>Revise the overall city plan in the city planning master plan.</p>	
<p>Creation of a draft Revision</p>	⑥		
3. Create an environmental action city using resident power and creativity			
36	Eco-model city project	<p><u>Eco-model city project suggestion system</u></p> <p>Accept suggestions from companies and residents' groups regarding projects that contribute to expansion of road map activities. Provide support for certified projects depending on the details.</p>	
		<p>Establishment and implementation of the system</p>	④

(7) Cooperation regarding climate change prevention

Action Policies

1. Mutually improve policies together with advanced cities in Japan and other countries

Form an alliance with advanced cities in Japan and other countries with a climate change prevention perspective, as well as carrying out policy-related exchanges through an international network fostered by Yokohama City.

2. Provide knowledge and technology to foreign countries as a member of advanced cities

Promote transfer of environmental technology for climate change prevention owned by Yokohama City, as well as exchanges with overseas cities through environmental education.

3. Contribute to conserving forests and farm land in domestic farming and mountain villages

Contribute to the conservation of forests and farm land in domestic farming and mountain villages by providing cooperation in maintaining forests while mutually utilizing metropolitan and farming/mountain village characteristics. Furthermore, formulate these activities as a cooperative model between large cities and farming/mountain villages, and expand the area of cooperative farming/mountain villages.

Measures to be Defined and Examined in 5 Years/Road Map

1. Mutually improve policies with advanced cities in Japan and other countries		
37	Cooperation with advanced cities	<u>Participation in the Large Cities Climate Leadership Group (C40)</u> City of Yokohama participated in C40 (Chairman: David Miller, Mayor of Toronto) in October 2008.
		Participation in the C40 summit, dissemination of information ⑤, ⑥
		<u>Participation in the Council of the Low Carbon Cities</u> Share advanced policy ideas between advanced cities in Japan through the Council of the Low Carbon Cities, established in December 2008 (consisting of the national government, nationwide eco-model cities, candidate cities, and related organizations), and originate information on the results in Japan and other countries.
		Holding of an international eco-model city seminar ⑤, ⑥
		<u>Reinforcement of cooperation in policies across cities</u> As a member of the Metropolitan Network of 8 Prefectures and Cities (Saitama, Chiba, Tokyo and Kanagawa prefectures, as well as the cities of Yokohama, Kawasaki, Chiba and Saitama), implement measures for companies based on a Climate Change Prevention Measure Planning System, etc.; promote the introduction of renewable energy, including solar energy; and implement measures to tackle the late-night lifestyle in coordination with policies across cities in the Tokyo metropolitan area. Furthermore, continue to consider sharing outstanding cooperative activities, and take concrete action where possible.
		Examination and implementation of joint action ⑤, ⑥

2. Provide knowledge and technology to foreign countries as an advanced city			
38	Support of foreign countries	<p><u>Promotion of technology transfer and acceptance of interns</u></p> <p>Provide technology support to Africa by Yokohama City and the Japan International Cooperative Agency (JICA), utilizing technology owned by Yokohama City, with the 4th Africa Development Conference held in Yokohama as a driver. Accept interns from African countries in relation to general environmental administration starting in FY2009. In addition, accept training based on exchanges with friendship cities and with partner cities (up to a limit), as well as tours and training on an as-needed-basis.</p>	
		Acceptance of interns	①, ⑤
		<p><u>Support for environmental education in Asia</u></p> <p>Aim to become an advanced city with regard to environmental training in the Asia and Pacific Area by independently making international contributions to environmental education through CITYNET and JICA, and invite personnel in charge of administration and education from CITYNET member cities to conduct training.</p>	
		Support for environmental education in the Asia and Pacific Area	①, ⑤
		<p><u>Environmental education program through tree planting activities</u></p> <p>Implement an environmental education program in which, according to results of energy-saving activities conducted at home during the summer holiday of elementary schools in Yokohama City, donations from local cooperative companies (the Yokohama City Environmental Conservation Council and the Yokohama Chamber of Commerce and Industries) will be used through WFP United Nations World Food Programme for worldwide tree planting projects that are effective climate change prevention measures. (Results in FY2008: Participation of 21,000 people/Cooperation by 68 companies)</p>	
		Implementation of an environmental education program through tree planting activities	①, ⑤
39	Cooperation with farming/mountain villages	<p><u>Cooperation with Doshi Village and Yamanashi Prefecture</u></p> <p>Cooperate with private companies regarding the development of woody biomass technology, and expand the use of thinned and pruned wood collected in the course of forest maintenance in Doshi Village and Yamanashi Prefecture.</p> <p>Furthermore, consider creating a system (carbon offsetting structure) to assess the portion of CO₂ absorption (certified by Yamanashi Prefecture) resulting from forest maintenance in the prefecture by companies in Yokohama City that utilize the Yamanashi Forest Development Commission system organized by Yamanashi Prefecture.</p>	
		Holding of study group activities with Doshi Village and Yamanashi Prefecture/examination of study on use of thinned and pruned wood	⑤, ⑥
		<p><u>Cooperation with Nagano Prefecture, Iida City, and other municipalities</u></p> <p>Consider creating a system that assesses the amount of CO₂ absorption (certified by Nagano Prefecture) resulting from cooperative forest maintenance in Nagano Prefecture by companies in Yokohama City that utilize a Forest Fostering system organized by Nagano Prefecture. Conduct such exchanges between cities and farming and mountain villages with 50 domestic cities from a climate change prevention perspective.</p>	
Establishment of a joint study group with Nagano Prefecture, Iida City, Komagane City, and Yokohama City to carry out examinations	⑤, ⑥		
3. Contribute to the conservation of forests and farm land in Japanese farming/mountain villages			